

Personal informations Andrea Ruzzenente

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Professional Expertise

2021- present Full Professor of surgery
University of Verona
General and hepatobiliary surgery

2023- present Chief of surgical Unit
University of Verona
General and hepatobiliary surgery

2017- 2021 Associate Professor
University of Verona
General and hepatobiliary surgery

2008 -present Staff Surgeon
Verona University Hospital
General and hepatobiliary surgery

2006 -2008 Research Grant
University of Verona ,
Department of surgical sciences

2004 -2006 Fellowship
I Chirurgia Clinicizzata, Verona Hospital

Educational experiences

- 2013-2014 2nd Level University Master in Advanced Robotic Pancreatic, Hepatic and Transplantation surgery
University of Pisa, Italy
- 2009-2012 PhD in surgical sciences and biliary and liver diseases
PhD course in translational medicine –XXIX/2009
University of Verona
- 1998-2004 Residency in General and Emergency surgery
University di Verona – graduation summa cum laude
- 1992-1998 Graduation in medicine

University di Verona – Summa cum laude

- 2015 Visiting researcher Division of Surgical Oncology of Nagoya
University of Nagoya, Japan
- 2014 Advanced Laparoscopic Liver Surgery 2014 Course
University of Gent, Belgium
- 2014 NET Materclass
London, UK
- 2012 IHPBA – postgraduate course – mini-invasive HPB surgery
Paris - France
- 2011 Advanced Robotic COLORECTAL - HPB - ENDOCRINE Course
Grosseto - Italy
- 2008-2009 European University Diploma - Hepatic-pancreatic and biliary cancers : oncosurgical
strategies
Paris Sud University XI - France
- 2003-2004 European Hesperis Diploma – European Society of Organ Transplantation

Teaching Activities

- 2007 – Present** Teaching activities for the Medicine School of Verona University
- Teaching activities for residents in general surgery
- 2016 – Present** Teaching activities for the the school of Italian Association of Mini-Invasive Liver Surgery (IGoMils)
- 2018 – Present** Director of master degree course “perioperative nursing” at University School of Medicine of Verona
- 2022 – Present** Coordinator of PhD Course at University of Verona “Surgical and cardiovascular sciences”

Research Activities

- 2009 – present** **Local co-investigators in clinical trials**
- Epigenetics in liver cancer (ET study Prot. ET 001, Prot. 15295 del 16/4/2009, Prog. N. 1647, approved and Prot. N. 5486 of 4/2/2010 emendament N.1 27/11/2009, Prog. N. 1647
 - Bayer SPACE (Study Number: 12918): "A phase II randomized, double-blind, placebo- controlled study of sorafenib or placebo in combination with transarterial chemoembolization (TACE) performed with DC Bead and doxorubicin for intermediate stage hepatocellular carcinoma (HCC)"- EudraCT n. 2008-005056-24.
 - Protocol BR1-129 – Quantitative evaluation of SONOVUE enhanced ultrasonography in assessing early response oh hepatocellular carcinoma to sorafenib treatment: a phase II explorative, intra-patients comparative study versus contrast enhanced CT/MRI imaging
 - ASTRO" ONC-2009-002 (Sorafenib after TACE)
 - STELLA – Sorafenib Treatment modalities for HEpatocelLular carcinoma patients in itAly. X1110IT - Impact nr. 16028
 - Bayer study HCC 15982 Resorce “A randomized, double blind, placebo-controlled, multicenter phase III study of regorafenib in patients with hepatocellular carcinoma (HCC) after sorafenib”

Publications

389 peer review papers indexed on Scopus

16742 citations, h index: 58 (SCOPUS);

15876 citations h Index: 57 i10-index: 186(Google Scholar)

300 published abstracts

16 chapters in scientific books

2 scientific books

2009 – present

Peer review activities

Cancers (Editorial Board)

Medicine (Academic editor – Editorial Board)

World Journal of Gastrointestinal Surgery (Editorial Board)

Updates in Surgery (Editorial Board)

BMC Cancer (Editorial Board)

JENPUB Surgery (Editorial Board)

Journal of Gastroenterology, Liver & Pancreatic Disease
(Editorial Board)

British Journal of Surgery

Liver International

Biomarkers in medicine

International Journal of Surgery

World Journal of Gastroenterology

BMC Gastroenterology

Journal of Liver

2008 – present

Membership of scientific associations

AICEP (Italian society of epato-biliary and pancreatic surgery)

Italian Society of Surgery (SIC)

Surgical Society of Alimentary Tract (SSAT)

International Hepato Pancreato Biliary Association (IHPBA)

African-European Hepato-Pancreato-Biliary Association (E-AHPBA)

European Neuroendocrine Tumor Society (ENETS)

Italian Association of Mini-Invasive Liver Surgery (IGoMils)

2006 – present

Prizes

- SSAT 2006 (Los Angeles – US) poster of distinction “Radiofrequency ablation for HCC on cirrhosis”
- SSAT 2008 (SanDiego – US) Fellow and resident conference grant “Is liver resection justified in advanced HCC? Results of an observational study on 464 patients”
- Digestive Surgery Congress “Palazzini” 2009 (Rome) -1st video “Mesohepatectomy for peri-hilar cholangiocarcinoma”
- IHPBA 2012 world congress (Paris – France) - Best poster award “Usefulness of contrast-enhanced intraoperative ultrasonography (CE-IIOUS) in patients with colorectal liver metastases after preoperative chemotherapy”
- IHPBA 2014 word congress (Seul – Sud Corea) Travel award grant - Best oral presentation “computed tomographic perfusion (CTP) of the liver: a new non-invasive liver function test?”

CLINICAL ACTIVITIES

2000-present

Surgical activity in general and HPB surgery with open, laproscopic and robotic approach, more than 3500 surgical interventions

Mother Tongue

Italian

Altre Languages

ENGLISH

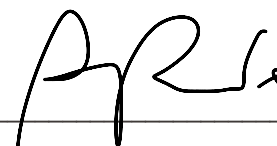
UNDERSTANDING		SPEAKING		WRITING
LISTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	
C1	C1	C1	C1	C1

DIGITAL COMPETENCE

Microsoft Office™ tools, SPSS inc, Mac OS, R Studio.

Verona 13 june 2025

Signature:



Peer review publications:

1. Conci S, Giuseppe C, Poletto E, **Ruzzenente A**. Robotic Right Anterior Sectionectomy with Extraglissonic Approach for HCC. *Ann Surg Oncol*. 2025 Jun 12. doi: 10.1245/s10434-025-17653-7. Epub ahead of print. PMID: 40506682.
2. Kawashima J, Akabane M, Tsimigras DI, Woldesenbet S, Khalil M, Endo Y, Sahara K, Aucejo F, Marques HP, Chumbinho B, Hugh T, Maithel SK, Groot Koerkamp B, **Ruzzenente A**, Endo I, Pawlik TM. Oncologic impact of perineural invasion in perihilar cholangiocarcinoma: an international multicenter study. *HPB (Oxford)*. 2025 May 27;S1365-182X(25)00614-8. doi: 10.1016/j.hpb.2025.05.010. Epub ahead of print. PMID: 40494701.
3. Chirban AM, Rivera B, Kawahara W, Mellado S, Niakosari M, Okuno M, Panettieri E, De Bellis M, Kristjanpoller W, Merlo I, Serenari M, Donadon M, Newhook TE, de Arexabala X, Vivanco M, Brudvik KW, Seo S, Pekolj J, Poultsides GA, De Rose AM, Torzilli G, Giuliani F, Denbo J, Anaya DA, Vinuela E, Tzeng CD, Vauthey JN, **Ruzzenente A**, Vega EA. Advanced gallbladder cancer (T3 and T4): insights from an international multicenter study. *J Gastrointest Surg*. 2025 May 30;29(7):102080. doi: 10.1016/j.gassur.2025.102080. Epub ahead of print. PMID: 40449084.
4. Kawashima J, Endo Y, Khalil M, Woldesenbet S, Akabane M, **Ruzzenente A**, Ratti F, Marques H, Oliveira S, Balaia J, Cauchy F, Lam V, Poultsides G, Kitago M, Popescu I, Martel G, Gleisner A, Hugh TJ, Aldrighetti L, Endo I, Pawlik TM. ASO Visual Abstract: Impact of Anatomical Resection on Nontransplantable Recurrence Among Patients with Hepatocellular Carcinoma-An International Multicenter Inverse Probability of Treatment Weighting Analysis. *Ann Surg Oncol*. 2025 May 26. doi: 10.1245/s10434-025-17523-2. Epub ahead of print. PMID: 40415153.
5. Akabane M, Kawashima J, Altat A, Woldesenbet S, Cauchy F, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldrighetti L, Poultsides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Oliveira S, Balaia J, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. ASO Visual Abstract: Enhancing Recurrence-Free Survival Prediction in Hepatocellular Carcinoma-A Time-Updated Model Incorporating Tumor Burden and AFP Dynamics. *Ann Surg Oncol*. 2025 May 24. doi: 10.1245/s10434-025-17497-1. Epub ahead of print. PMID: 40413330.
6. Costa G, Donadon M, Cipriani F, Serenari M, Ardito F, Fontana A, Nicolini D, Perri P, Iaria M, Garancini M, Cicerone O, Zanello M, Lai Q, Conci S, Molino S, Ferraro C, Germani P, Zago M, Zimmitti G, La Barba G, Romano M, Sciannone I, Fumagalli L, Troci A, Ferraro V, Memeo R, Crespi M, Chiarelli M, Antonucci A, Zanus G, Ercolani G, Hilal MA, Pinotti E, Tarchi P, Griseri G, Baiocchi GL, **Ruzzenente A**, Rossi M, Jovine E, Maestri M, Romano F, Valle RD, Grazi GL, Vivarelli M, Ferraro A, Giuliani F, Cescon M, Aldrighetti L, Torzilli G; HE.RC.O.L.E.S. Group Collaborators. Stratifying the risk in liver surgery: performance in an Italian cohort of 3.280 liver resection for HCC. *HPB (Oxford)*. 2025 Apr 23;S1365-182X(25)00549-0. doi: 10.1016/j.hpb.2025.04.005. Epub ahead of print. PMID: 40399197.
7. Rashid Z, Altat A, Khalil M, Catalano G, Zindani S, Ruzzenente A, Popescu I, bKitago M, Poultsides GA, Sasaki K, Bhimani N, Hugh T, Weiss M, Aldrighetti L, Aucejo F, Endo I, Pawlik TM. Textbook outcome in liver surgery after staged versus simultaneous resection for synchronous colorectal liver metastases. *HPB(Oxford)*. 2025 Apr 29;S1365-182X(25)00577-5. doi: 10.1016/j.hpb.2025.04.014. Epub ahead of print. PMID: 40348735.
8. De Giulio E, Turri G, Sciortino R, Rivelli M, Gecchele G, Valdegamberi A, Campagnaro T, **Ruzzenente A**, Pedrazzani C. Minimizing incisional hernia: intracorporeal anastomosis makes the difference after laparoscopic right colectomy. *Int J Colorectal Dis*. 2025 May 8;40(1):112. doi: 10.1007/s00384-025-04903-z. PMID: 40338315; PMCID: PMC12062169.
9. Kawashima J, Endo Y, Khalil M, Woldesenbet S, Akabane M, **Ruzzenente A**, Ratti F, Marques H, Oliveira S, Balaia J, Cauchy F, Lam V, Poultsides G, Kitago M, Popescu I, Martel G, Gleisner A, Hugh TJ, Aldrighetti L, Endo I, Pawlik TM. Impact of Anatomical Resection on Non-transplantable Recurrence Among Patients with Hepatocellular Carcinoma: An International Multicenter Inverse Probability of Treatment Weighting Analysis. *Ann Surg Oncol*. 2025 May 5. doi: 10.1245/s10434-025-17349-y. Epub ahead of print. PMID: 40323550.
10. Kawashima J, Akabane M, Khalil M, Woldesenbet S, Endo Y, Sahara K, **Ruzzenente A**, Ratti F, Marques HP, Oliveira S, Balaia J, Cauchy F, Lam V, Poultsides GA, Kitago M, Popescu I, Martel G, Gleisner A, Hugh T, Weiss M, Aucejo F, Aldrighetti L, Endo I, Pawlik TM. Model of End-Stage Liver Disease- alpha-fetoprotein-tumor burden (MELD-AFP-TBS) score to stratify prognosis after liver resection for hepatocellular carcinoma. *Surgery*. 2025 Apr 30;183:109388. doi: 10.1016/j.surg.2025.109388. Epub ahead of print. PMID: 40311416.
11. Dalla Valle B, Fassari A, **Ruzzenente A**, Ielpo B, Memeo R, Ferraro V, Piardi T, Spampinato MG, Libia A, Pessaux P, Giannone F, Melloul E, Tzedakis S, Fuks D, De Blasi V. Correction: Safety and feasibility of robotic approach to choledochal cysts in adults: a multicenter European experience. *J Robot Surg*. 2025 Apr 29;19(1):187. doi: 10.1007/s11701-025-02346-w. Erratum for: *J Robot Surg*. 2025 Feb 28;19(1):91. doi: 10.1007/s11701-025-02258-9. PMID: 40299224.
12. Akabane M, Kawashima J, Woldesenbet S, Macedo AB, Altat A, Aucejo F, nPopescu I, Kitago M, Poultsides GA, Sasaki K, Imaoka Y, **Ruzzenente A**, Endo I, Pawlik TM. Enhancing outcome prediction in patients with colorectal liver metastases undergoing hepatectomy: the synergistic impact of FIB-4 index and tumor burden score across KRAS profiles. *HPB (Oxford)*. 2025 Apr 14;S1365-182X(25)00546-5. doi: 10.1016/j.hpb.2025.04.002. Epub ahead of print. PMID: 40287297.
13. Akabane M, Kawashima J, Altat A, Woldesenbet S, Cauchy F, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldrighetti L, Poultsides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Oliveira S, Balaia J, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. Enhancing Recurrence-Free Survival Prediction in Hepatocellular Carcinoma: A Time-Updated Model Incorporating Tumor Burden and nAFP Dynamics. *Ann Surg Oncol*. 2025 Apr 16. doi: 10.1245/s10434-025-17303-y. Epub ahead of print. PMID: 40238062.
14. Kawashima J, Akabane M, Khalil M, Woldesenbet S, Endo Y, Sahara K, Cauchy F, Aucejo F, Marques HP, Lopes R, Rodriguea A, Hugh T, Shen F, Maithel SK, Groot Koerkamp B, Popescu I, Kitago M, Weiss MJ, Martel G, Pulitano C, Aldrighetti L, Poultsides G, **Ruzzenente A**, Bauer TW, Gleisner A, Endo I, Pawlik TM. Tumour burden predicts outcomes after curative resection of multifocal intrahepatic cholangiocarcinoma. *Br J Surg*. 2025 Mar 28;112(4):znaf050. doi: 10.1093/bjs/znaf050. PMID: 40156894.
15. Akabane M, Kawashima J, Altat A, Woldesenbet S, Cauchy F, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldrighetti L, Poultsides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Oliveira S, Balaia J, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. International Validation and Refinement of Oncological Borderline Resectability Criteria for Hepatocellular Carcinoma Using Tumor Burden Score to Predict Survival. *Ann Surg Open*. 2025 Feb 26;6(1):e557. doi: 10.1097/AS9.0000000000000557. PMID: 40134497; PMCID: PMC11932596.
16. Akabane M, Kawashima J, Altat A, Woldesenbet S, Aucejo F, Kitago M, Imaoka Y, **Ruzzenente A**, Endo I, Marques HP, Lam V, Maithel SK, Hugh T, Bhimani N, Pawlik TM. Preoperative diagnostic failure in gallbladder cancer: Influence of tumor location and size on imaging precision. *Eur J*

- Surg Oncol. 2025 Mar20;51(7):109979. doi: 10.1016/j.ejso.2025.109979. Epub ahead of print. PMID:40121747.
17. Catalano G, Alaimo L, Chatzipanagiotou OP, **Ruzzenente A**, Ratti F, Aldrighetti L, Marques HP, Cauchy F, Lam V, Poultsides GA, Hugh T, Popescu I, Alexandrescu S, Martel G, Kitago M, Endo I, Gleisner A, Shen F, Pawlik TM. Predicting the complexity of minimally invasive liver resection for hepatocellular carcinoma using machine learning. HPB (Oxford). 2025 Jun;27(6):807-815. doi: 10.1016/j.hpb.2025.02.014. Epub 2025 Mar 4. PMID:40090780.
 18. Catalano G, Alaimo L, Chatzipanagiotou OP, Ruzzenente A, Aucejo F, Marques HP, Lam V, Hugh T, Bhimani N, Kitago M, Endo I, Martel G, Popescu I, Cauchy F, Poultsides GA, Gleisner A, Pawlik TM. Analysis of a modified surgical desirability of outcome ranking (mDOOR) among patients undergoing surgery for Hepatocellular carcinoma. HPB (Oxford). 2025 Jun;27(6):799-806. doi:10.1016/j.hpb.2025.02.013. Epub 2025 Mar 5. PMID: 40090779.
 19. Peng Y, Liu F, Li B, Wei Y, Tan HL, Syn NL, Fuks D, Soubrane O, Dokmak S, Gruttadauria S, Zimmitti G, Jaber B, Cipriani F, Kato Y, Scatton O, Herman P, Aghayan DL, Marino MV, Croner RS, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Prieto M, Vivarelli M, Giulianti F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Hasegawa K, Wang X, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Liu R, Ferrero A, Ettor GM, Cherqui D, Liang X, Mishima K, Wakabayashi G, Troisi R, Cheung TT, Sugimoto M, Sugioaka A, Han HS, Duy Long TC, Abu Hilal M, Zhang W, Chen KH, Aldrighetti L, Edwin B, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Validation of the Iwate scoring system for the stratification of laparoscopic liver resections: An international multicenter study. Eur J Surg Oncol. 2025 Jun;51(6):109597. doi: 10.1016/j.ejso.2025.109597. Epub 2025 Jan 24. PMID: 40088501.
 20. Fiorini E, Malinova A, Schreyer D, Pasini D, Bever M, Alessio G, Rosa D, D'Agosto S, Azzolin L, Milite S, Andreani S, Lupo F, Veghini L, Grimaldi S, Pedron S, Castellucci M, Nourse C, Salvia R, Malleo G, **Ruzzenente A**, Guglielmi A, Milella M, Lawlor RT, Luchini C, Agostini A, Carbone C, Pilarsky C, Sottoriva A, Scarpa A, Tuveson DA, Bailey P, Corbo V. MYC ecDNA promotes intratumour heterogeneity and plasticity in PDAC. Nature. 2025 Apr;640(8059):811-820. doi: 10.1038/s41586-025-08721-9. Epub 2025 Mar 12. PMID: 40074906; PMCID: PMC12003172.
 21. Serenari M, Berti D, Rivera B, Newhook TE, Kristjanpoller W, **Ruzzenente A**, Okuno M, De Bellis M, Panettieri E, Ahmad MU, Merlo I, De Rose AM, Nishino H, Sinnamon AJ, Donadon M, Hauger MS, Guevara OM, Munoz C, Denbo J, Chun YS, Tran Cao HS, Sanchez Clara R, Tzeng CD, De Aretxabala X, Vivanco M, Brudvik KW, Seo S, Pekolj J, Poultsides GA, Anaya DA, Torzilli G, Giulianti F, Guglielmi A, Vinuela E, Vauthy JN, Cescon M, Vega EA. Optimizing Outcomes in Gallbladder Cancer: Identifying Predictors of Futile Up-Front Surgery in a Global Multi-center Study. Ann Surg Oncol. 2025 Jun;32(6):4374-4382. doi:10.1245/s10434-025-17083-5. Epub 2025 Mar 6. PMID: 40050485.
 22. Akabane M, Kawashima J, Altaf A, Woldesenbet S, Cauchy F, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldrighetti L, Poultsides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. Dynamic ALBI score and FIB-4 index trends to predict complications after resection of hepatocellular carcinoma: A K-means clustering approach. Eur J Surg Oncol. 2025 Jun;51(6):109723. doi: 10.1016/j.ejso.2025.109723. Epub 2025 Feb 22. PMID: 40023021.
 23. Dalla Valle B, Fassari A, **Ruzzenente A**, Ielpo B, Memeo R, Ferraro V, Piardi T, Spampinato MG, Libia A, Pessaux P, Giannone F, Melloul E, Stylianou T, Fuks D, De Blasi V. Safety and feasibility of robotic approach to choledochal cysts in adults: a multicenter European experience. J Robot Surg. 2025 Feb28;19(1):91. doi: 10.1007/s11701-025-02258-9. Erratum in: J Robot Surg. 2025 Apr29;19(1):187. doi: 10.1007/s11701-025-02346-w. PMID: 40021509.
 24. Akabane M, Kawashima J, Altaf A, Woldesenbet S, Cauchy F, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldrighetti L, Poultsides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. Impact of disparity between imaging and pathological tumor size on cancer-specific prognosis among patients with hepatocellular carcinoma. Eur J Surg Oncol. 2025 Jun;51(6):109683. doi: 10.1016/j.ejso.2025.109683. Epub 2025 Feb 10. PMID: 40009916.
 25. Catalano G, Alaimo L, Chatzipanagiotou OP, Rashid Z, Kawashima J, **Ruzzenente A**, Aucejo F, Marques HP, Bandovas J, Hugh T, Bhimani N, Maithel SK, Kitago M, Endo I, Pawlik TM. Recurrence patterns and prediction of survival after recurrence for gallbladder cancer. J Gastrointest Surg. 2025 Apr;29(4):101997. doi: 10.1016/j.gassur.2025.101997. Epub 2025 Feb 17. PMID: 39971095.
 26. Altaf A, Akabane M, Khalil M, Rashid Z, Zindani S, Kawashima J, **Ruzzenente A**, Aldrighetti L, Bauer TW, Marques HP, Martel G, Popescu I, Weiss MJ, Kitago M, Poultsides G, Maithel SK, Lam V, Hugh T, Gleisner A, Sasaki K, Aucejo F, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Pawlik TM. Impact of intraoperative blood loss on postoperative morbidity after liver resection for primary and secondary liver cancer. HPB (Oxford). 2025 May;27(5):660-669. doi:10.1016/j.hpb.2025.01.010. Epub 2025 Feb 6. PMID: 39956729.
 27. Cassese G, Cigilio M, Vitale A, Lauterio A, Serenari M, Cipriani F, Ardito F, Perri P, Nicolini D, Di Gioia G, Fontana AP, Lai Q, Conci S, Fumagalli L, Iaria M, Garancini M, Molfino S, Zanello M, La Barba G, Conticchio M, Germani P, Famularo S, Romano M, Zimmitti G, De Angelis M, Troci A, Belli A, Izzo F, Crespi M, Boccia L, Abu Hilal M, Zanus G, Torzilli G, Tarchi P, Memeo R, Ercolani G, Jovine E, Baiocchi G, Romano F, Della Valle R, Chiarelli M, **Ruzzenente A**, Rossi M, Ferrero A, Maestri M, Vivarelli M, Grazi GL, Giulianti F, Aldrighetti L, Cescon M, De Carlis L, Cillo U, I Troisi R; HE.RC.O.I.E.S. study group. Minimally invasive versus open liver resection for nonmetastatic hepatocellular carcinoma: a staged BCLC - B and - C: an Italian multicentric analysis. HPB (Oxford). 2025 May;27(5):649-659. doi: 10.1016/j.hpb.2025.01.009. Epub 2025 Jan 23. PMID:39956728.
 28. Akabane M, Kawashima J, Altaf A, Woldesenbet S, Cauchy F, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldrighetti L, Poultsides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. Development and validation of the albumin-bilirubin gamma-glutamyltransferase score for enhanced prognostic accuracy after hepatocellular carcinoma resection. J Gastrointest Surg. 2025 Apr;29(4):101984. doi:10.1016/j.gassur.2025.101984. Epub 2025 Feb 6. PMID: 39922533.
 29. Kawashima J, Akabane M, Endo Y, Woldesenbet S, Khalil M, Sahara K, **Ruzzenente A**, Aldrighetti L, Bauer TW, Marques HP, Lopes R, Oliveira S, Martel G, Popescu I, Weiss MJ, Kitago M, Poultsides G, Sasaki K, Maithel SK, Hugh T, Gleisner A, Aucejo F, Pulitano C, Shen F, Cauchy F, Groot Koerkamp B, Endo I, Pawlik TM. A Composite Endpoint of Liver Surgery (CELS): Development and Validation of a Clinically Relevant Endpoint Requiring a Smaller Sample Size. Ann Surg Oncol. 2025 May;32(5):3505-3515. doi: 10.1245/s10434-025-16965-y. Epub 2025 Jan 31. PMID: 39888467; PMCID: PMC11976826.
 30. Altaf A, Khalil M, Akabane M, Rashid Z, Kawashima J, Zindani S, **Ruzzenente A**, Ratti F, Marques H, Cauchy F, Lam V, Poultsides G, Aucejo F, Kitago M, Popescu I, Martel G, Gleisner A, Bauer TW, Hugh T, Bhimani N, Shen F, Endo I, Pawlik TM. Up-front resection for hepatocellular carcinoma: Assessing futility in the preoperative setting. Eur J Surg Oncol. 2025 May;51(5):109594. doi:10.1016/j.ejso.2025.109594. Epub 2025 Jan 10. PMID: 39826445.
 31. Famularo S, Milana F, Ardito F, Cipriani F, Vitale A, Lauterio A, Serenari M, Fontana A, Nicolini D, Giuffrida M, Garancini M, Dominioni T, Zanello M, Perri P, Lai Q, Conci S, Molfino S, Cigilio M, La Barba G, Ferrari C, Conticchio M, Germani P, Romano M, Patauner S, Belli A, Zimmitti G, Antonucci A, Fumagalli L, Troci A, De Angelis M, Boccia L, Crespi M, Hilal MA, Izzo F, Frena A, Zanus G, Tarchi P, Memeo R, Griseri G, Ercolani

- G, Troisi R, Baiocchi GL, **Ruzzenente A**, Rossi M, Grazi GL, Jovine E, Maestri M, Romano F, Valle RD, Vivarelli M, Ferrero A, Cescon M, De Carlis L, Cillo U, Aldighetti L, Giulianti F, Torzilli G; HE.RC.O.L.E.S. Group. Laparoscopic versus open resection for hepatocellular carcinoma according to the procedure's complexity: real-world weighted data from a national register. *HPB (Oxford)*. 2025 Apr;27(4):511-522. doi:10.1016/j.hpb.2024.12.017. Epub 2024 Dec 28. PMID: 39800599.
32. Altaf A, Khalil M, Akabane M, Rashid Z, Kawashima J, Zindani S, **Ruzzenente A**, Aldighetti L, Bauer TW, Marques HP, Martel G, Popescu I, Weiss MJ, Kitago M, Poultides G, Maithel SK, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Pawlik TM. Textbook outcome in liver surgery for intrahepatic cholangiocarcinoma: defining predictors of an optimal postoperative course using machine learning. *HPB (Oxford)*. 2025 Mar;27(3):402-413. doi:10.1016/j.hpb.2024.12.013. Epub 2024 Dec 18. PMID: 39755480.
 33. Akabane M, Kawashima J, Woldeesenbet S, Altaf A, Cauchy F, Popescu I, Aucejo F, Popescu I, Kitago M, Martel G, Ratti F, Aldighetti L, Poultides GA, Imaoka Y, **Ruzzenente A**, Endo I, Gleisner A, Marques HP, Lam V, Hugh T, Bhimani N, Shen F, Pawlik TM. Analyzing the interaction between time to surgery and tumor burden score in hepatocellular carcinoma. *J Gastrointest Surg*. 2025 Feb;29(2):101903. doi:10.1016/j.gassur.2024.101903. Epub 2024 Nov 27. PMID: 39613250.
 34. Famularo S, Maino C, Milana F, Ardito F, Rompianesi G, Ciulli C, Conci S, Gallotti A, La Barba G, Romano M, De Angelis M, Patauner S, Penzo C, De Rose AM, Marescaux J, Diana M, Ippolito D, Frena A, Boccia L, Zanusi G, Ercolani G, Maestri M, Grazi GL, **Ruzzenente A**, Romano F, Troisi R, Giulianti F, Donadon M, Torzilli G. Preoperative prediction of post hepatectomy liver failure after surgery for hepatocellular carcinoma on CT-scan by machine learning and radiomics analyses. *Eur J Surg Oncol*. 2024 Nov 15:109462. doi:10.1016/j.ejso.2024.109462. Epub ahead of print. PMID: 39592285.
 35. Kawashima J, Akabane M, Endo Y, Woldeesenbet S, Altaf A, **Ruzzenente A**, Popescu I, Kitago M, Poultides G, Sasaki K, Aucejo F, Sahara K, Endo I, Pawlik TM. Recurrence Timing and Risk Following Curative Resection of Colorectal Liver Metastases: Insights From a Hazard Function Analysis. *J Surg Oncol*. 2025 Apr;131(5):857-864. doi:10.1002/jso.28007. Epub 2024 Nov 21. PMID: 39574215; PMCID: PMC12120377.
 36. Catalano G, Alaimo L, Chatzipanagiotou OP, **Ruzzenente A**, Aucejo F, Marques HP, Lam V, Hugh T, Bhimani N, Maithel SK, Kitago M, Endo I, Pawlik TM. Machine learning prediction of early recurrence after surgery for gallbladder cancer. *Br J Surg*. 2024 Oct 30;111(11):znae297. doi:10.1093/bjs/znae297. PMID: 39569737.
 37. Catalano G, Alaimo L, Chatzipanagiotou OP, **Ruzzenente A**, Aucejo F, Marques HP, Bhimani N, Hugh T, Maithel SK, Kitago M, Endo I, Pawlik TM. Advantage of LogOdds of Metastatic Lymph Nodes After Curative-Intent Resection of Gallbladder Cancer. *Ann Surg Oncol*. 2025 Mar;32(3):1742-1751. doi:10.1245/s10434-024-16492-2. Epub 2024 Nov 14. PMID: 39542966.
 38. Olthof PB, Bouwense SAW, Dewulf M, Olde Damink SWM, Neumann UP, Koerkamp BG; Perihilar Cholangiocarcinoma Collaboration Group. ASO Author Reflections: Liver Failure Dominates the Risk of Failure to Rescue After Surgery for Perihilar Cholangiocarcinoma. *Ann Surg Oncol*. 2025 Mar;32(3):1825-1826. doi:10.1245/s10434-024-16473-5. Epub 2024 Nov 6. PMID: 39505731.
 39. Catalano G, Alaimo L, Chatzipanagiotou OP, **Ruzzenente A**, Aucejo F, Marques HP, Lam V, Hugh T, Bhimani N, Maithel SK, Kitago M, Endo I, Martel G, Pulitano C, Shen F, Popescu I, Koerkamp BG, Bauer TW, Cauchy F, Poultides GA, Weiss M, Gleisner A, Pawlik TM. Prognostic value of the advanced lung cancer inflammation index in intrahepatic cholangiocarcinoma. *Eur J Surg Oncol*. 2024 Oct 18;50(12):108773. doi:10.1016/j.ejso.2024.108773. Epub ahead of print. PMID: 39447453.
 40. Kawashima J, Endo Y, Woldeesenbet S, Chatzipanagiotou OP, Tsimigras DI, Catalano G, Khan MMM, Rashid Z, Khalil M, Altaf A, Munir MM, Guglielmi A, **Ruzzenente A**, Aldighetti L, Alexandrescu S, Kitago M, Poultides G, Sasaki K, Aucejo F, Endo I, Pawlik TM. Preoperative identification of early extrahepatic recurrence after hepatectomy for colorectal liver metastases: A machine learning approach. *World J Surg*. 2024 Oct 19. doi:10.1002/wjs.12376. Epub ahead of print. PMID: 39425666.
 41. Olthof PB, Bouwense SAW, Bednarsch J, Dewulf M, Kazemier G, Maithel S, Jarnagin WR, Aldighetti L, Roberts KJ, Troisi R, Malago MM, Lang H, Alikhanov R, **Ruzzenente A**, Malik H, Charco R, Sparrelid E, Pratschke J, Cescon M, Nadalin S, Hagendoorn J, Schadde E, Hoogwater FJH, Schnitzbauer AA, Topal B, Lodge P, Olde Damink SWM, Neumann UP, Groot Koerkamp B; Perihilar Cholangiocarcinoma Collaboration Group. Failure to Rescue After Resection of Perihilar Cholangiocarcinoma in an International Multicenter Cohort. *Ann Surg Oncol*. 2024 Oct 15. doi:10.1245/s10434-024-16293-7. Epub ahead of print. PMID: 39404989.
 42. Chatzipanagiotou OP, Tsimigras DI, Catalano G, **Ruzzenente A**, Aucejo F, Marques HP, Lam V, Bhimani N, Maithel SK, Endo I, Kitago M, Pawlik TM. Prognostic utility of the modified albumin-bilirubin score among patients undergoing curative-intent surgery for gallbladder cancer. *J Gastrointest Surg*. 2024 Oct 10:S1091-255X(24)00666-8. doi:10.1016/j.gassur.2024.10.006. Epub ahead of print. PMID: 39395615.
 43. Conci S, Catalano G, Polak W, Ardito F, De Bellis M, Poletto E, Mele C, Alaimo L, Giulianti F, Groot Koerkamp B, **Ruzzenente A**. The preoperative recurrence score: Predicting early recurrence in perihilar cholangiocarcinoma. *Eur J Surg Oncol*. 2024 Oct 5;50(12):108745. doi:10.1016/j.ejso.2024.108745. Epub ahead of print. PMID: 39383775.
 44. Serenari M, Angelico R, Lai Q, Patrono D, Scalera I, Kauffmann E, Pagano D, De Carlis R, Gringeri E, Vitale A; AICEP-SITO-CCTF study group. Current management of hepatobiliary malignancies between centers with or without a liver transplant program: A multi-society national survey. *Dig Liver Dis*. 2024 Oct 7:S1590-8658(24)01007-7. doi:10.1016/j.dld.2024.09.007. Epub ahead of print. PMID: 39379228.
 45. Kuemmerli C, Sijberden JP, Cipriani F, Osei-Bordom D, Aghayan D, Lanari J, de Meyere C, Cacciaguerra AB, Rotellar F, Fuks D, Liu R, Besselink MG, Zimmiti G, **Ruzzenente A**, di Benedetto F, Succandy I, Efanov M, Memeo R, Jovine E, Vrochides D, Dagher I, Croner R, Lopez-Ben S, Geller D, Ahmad J, Gallagher T, White S, Alseidi A, Goh BKP, Sparrelid E, Ratti F, Marudanayagam R, Fretland AA, Vivarelli M, D'Hondt M, Cillo U, Edwin B, Sutcliffe RP, Aldighetti LA, Hilal MA; International Consortium on Minimally Invasive Liver Surgery (I-MILS). Is prolonged operative time associated with postoperative complications in liver surgery? An international multicenter cohort study of 5424 patients. *Surg Endosc*. 2024 Sep 30. doi:10.1007/s00464-024-11276-x. Epub ahead of print. PMID: 39347957.
 46. Catalano G, Alaimo L, Endo Y, Chatzipanagiotou OP, **Ruzzenente A**, Aldighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Pawlik TM. Development and Validation of a Predictive Risk Score for Blood Transfusion in Patients Undergoing Curative-Intent Surgery for Intrahepatic Cholangiocarcinoma. *J Surg Oncol*. 2024 Sep 16. doi:10.1002/jso.27903. Epub ahead of print. PMID: 39285653.
 47. Mattiolo P, De Bellis M, Mafficini A, Fassan M, Beveri M, Ciulla C, Bersani S, Lawlor RT, Milella M, Scarpa A, Luchini C, **Ruzzenente A**. Long-Term Survivor of Intrahepatic Cholangiocarcinoma for over 18 Years: Case Study with Longitudinal Histo-molecular and Tumor Immune Microenvironment Characterization and Systematic Review of the Literature. *J Gastrointest Cancer*. 2024 bDec;55(4):1634-1646. doi:10.1007/s12029-024-01113-8. Epub 2024 Sep 16. PMID: 39283582; PMCID: PMC11464565.
 48. Hu J, Guo Y, Wang X, Yeow M, Wu AGR, Fuks D, Soubrane O, Dokmak S, Gruttadauria S, Zimmiti G, Ratti F, Kato Y, Scatton O, Herman P, Aghayan DL, Marino MV, Croner RS, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giulianti F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Valle RD, Boggi U, Geller D, Belli A, Memeo R, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Hasegawa K, Swijnenburg RJ, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Schmelzle M, Hawksworth J, Peng Y, Ferrero A, Ettorre GM, Cherqui D, Liang X,

- Wakabayashi G, Troisi RI, Cillo U, Cheung TT, Sugimoto M, Sugioka A, Han HS, Long TCD, Hilal MA, Zhang W, Wei Y, Chen KH, Aldrighetti L, Edwin B, Liu R, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Propensity Score-matched Analysis Comparing Robotic Versus Laparoscopic Minor Liver Resections of the Anterolateral Segments: an International Multi-center Study of 10,517 Cases. *Ann Surg*. 2024 Sep 5. doi: 10.1097/SLA.0000000000006523. Epub ahead of print. PMID: 39234677.
49. Sijberden JP, Fiorentini G, Lanari J, Aghayan D, Osei-Bordom D, Russolillo N, Takhar A, Benedetti Cacciaguerra A, Lopez-Ben S, D'Hondt M, Giuliani F, Fuks D, Rotellar F, **Ruzzenente A**, Alseidi A, Efanov M, Görges B, Zimmitti G, Gringeri E, Cipriani F, Fretland ÅA, Marudanayagam R, Vivarelli M, Primrose JN, Ferrero A, Sutcliffe RP, Edwin B, Cillo U, Besselink MG, Abu Hilal M, Aldrighetti LA The differential benefit of laparoscopic over open minor liver resection for lesions situated in the anterolateral or posterosuperior segments. *Hepatobiliary Surg Nutr*. 2024 Aug 1;13(4):604-615. doi: 10.21037/hbsn-23-494. Epub 2024 Jul 4. PMID: 39175716; PMCID: PMC11336523.
 50. Chatzipanagiotou OP, Tsimigras DI, Catalano G, **Ruzzenente A**, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Pawlik TM. Preoperative platelet count as an independent predictor of long-term outcomes among patients undergoing resection for intrahepatic cholangiocarcinoma. *J Surg Oncol*. 2024 Aug 13. doi: 10.1002/jso.27806. Epub ahead of print. PMID: 39138891.
 51. Garancini M, Serenari M, Famularo S, Cipriani F, Ardito F, Russolillo N, Conci S, Nicolini D, Perri P, Zanello M, Iaria M, Lai Q, Romano M, La Barba G, Molino S, Germani P, Dominioni T, Zimmitti G, Conticchio M, Fumagalli L, Zago M, Troci A, Sciannone A, Ferrari C, Scotti MA, Griseri G, Antonucci A, Crespi M, Pinotti E, Chiarelli M, Memeo R, Hilal MA, Maestri M, Tarchi P, Baiocchi G, Ercolani G, Zanusi G, Rossi M, Valle RD, Jovine E, Frena A, Patauner S, Grazi GL, Vivarelli M, **Ruzzenente A**, Ferrero A, Giuliani F, Aldrighetti L, Torzilli G, Cescon M, Bernasconi D, Romano F; HE.RC.O.L.E.S. Group. Single large hepatocellular carcinoma > 5 cm with surgical indication: is it mandatory a major hepatectomy? a propensity-score weighted analysis. *Langenbecks Arch Surg*. 2024 Aug 11;409(1):248. doi: 10.1007/s00423-024-03419-4. PMID: 39127855.
 52. Alaimo L, Boggio S, Catalano G, Calderone G, Poletto E, De Bellis M, Campagnaro T, Pedrazzani C, Conci S, Ruzzenente A. Multi-Omics Classification of Intrahepatic Cholangiocarcinoma: A Systematic Review and Meta-Analysis. *Cancers (Basel)*. 2024 Jul 20;16(14):2596. doi: 10.3390/cancers16142596. PMID: 39061233; PMCID: PMC11275091.
 53. Ielpo B, Vittoria d'Addetta M, Cremona S, Podda M, Di Martino M, Di Franco G, Furbetta N, Comandatore A, Giulianotti PC, Morelli L; IRON Study Collaborative Group. IRON: A retrospective international multicenter study on robotic versus laparoscopic versus open approach in gallbladder cancer. *Surgery*. 2024 Oct;176(4):1008-1015. doi: 10.1016/j.surg.2024.05.045. Epub 2024 Jul 15. PMID: 39013674.
 54. Kawashima J, Chatzipanagiotou OP, Tsimigras DI, Khan MMM, Catalano G, Rashid Z, Khalil M, Altaf A, Munir MM, Endo Y, Woldesenbet S, Guglielmi A, **Ruzzenente A**, Aldrighetti L, Alexandrescu S, Kitago M, Poultides G, Sasaki K, Aucejo F, Endo I, Pawlik TM. Preoperative and postoperative predictive models of early recurrence for colorectal liver metastases following chemotherapy and curative-intent one-stage hepatectomy. *Eur J Surg Oncol*. 2024 Sep;50(9):108532. doi: 10.1016/j.ejso.2024.108532. Epub 2024 Jul 3. PMID: 39004061.
 55. Masetto F, Maffiini A, Saka B, Armutlu A, Chatterjee D, Jang KT, Zen Y, Navale P, Fassan M, Bacchi CE, Mattiolo P, Simbolo M, **Ruzzenente A**, Lawlor RT, Reid M, Basturk O, Adsay V, Scarpa A, Luchini C. Tubulocystic Carcinoma of Bile Ducts: A Distinct Type of Cholangiocarcinoma Associated With Adenofibroma-type Lesions. *Am J Surg Pathol*. 2024 Sep 1;48(9):1082-1092. doi: 10.1097/PAS.0000000000002278. Epub 2024 Jul 1. PMID: 38946053.
 56. Zhao J, Lu Y, Zhang W, Chua DW, Liu Q, Liu R, Pratschke J, Ratti F, Zimmitti G, Aghayan DL, Edwin B, Siow TF, Scatton O, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Cherqui D, Liang X, Soubrane O, Fuks D, Wakabayashi G, Troisi RI, Cheung TT, Sugioka A, Long TCD, Abu Hilal M, Aldrighetti L, Chen KH, Han HS, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Defining Global Benchmarks for Laparoscopic Right Posterior Sectionectomy/H67: An International Multicenter Study. *Ann Surg*. 2024 Jun 28. doi: 10.1097/SLA.0000000000006418. Epub ahead of print. PMID: 38939972.
 57. Saleh M, Pascual F, Ghallab M, Wu AGR, Chin KM, Ratti F, Giglio MC, Garatti M, Nghia PP, Kato Y, Lim C, Herman P, Coelho FF, Schmelzle M, Pratschke J, Aghayan DL, Liu Q, Marino MV, Belli A, Chiow AKH, Sucandy I, Ivanecz A, Di Benedetto F, Choi SH, Lee JH, Park JO, Prieto M, Guzman Y, Fondevila C, Efanov M, Rotellar F, Choi GH, Robles-Campos R, Kadam P, Sutcliffe RP, Troisi RI, Tan CN, Chong CC, D'Hondt M, Dalla Valle B, **Ruzzenente A**, Kingham TP, Scatton O, Li R, Mejia A, Mishima K, Wakabayashi G, Lopez-Ben S, Wang X, Ferrero A, Ettore GM, Vivarelli M, Mazzaferro V, Giuliani F, Yong CC, Yin M, Monden K, Geller D, Chen KH, Sugioka A, Edwin B, Cheung TT, Long TCD, Abu Hilal M, Aldrighetti L, Soubrane O, Fuks D, Han HS, Cherqui D, Goh BKP; International Robotic and Laparoscopic Liver Resection Study Group Investigators. Factors Associated with and Impact of Open Conversion in Laparoscopic and Robotic Minor Liver Resections: An International Multicenter Study of 10,541 Patients. *Ann Surg Oncol*. 2024 Sep;31(9):5615-5630. doi: 10.1245/s10434-024-15498-0. Epub 2024 Jun 15. PMID: 38879668.
 58. Zhang H, Targher G, Byrne CD, Kim SU, Wong VW, Valenti L, Glickman M, Ponce J, Mantzoros CS, Crespo J, Gronbaek H, Yang W, Eslam M, Wong RJ, Machado MV, Yu ML, Ghanem OM, Okanoue T, Liu JF, Lee YH, Xu XY, Pan Q, Sui M, Leonardo A, Yilmaz Y, Zhu LY, Moreno C, Miele L, Lupson-Platon M, Zhao L, LaMasters TL, Gish RG, Zhang H, Nedelcu M, Chan WK, Xia MF, Bril F, Shi JP, Datz C, Romeo S, Sun J, Liu D, Sookoian S, Mao YM, Méndez-Sánchez N, Wang XY, Pylsopoulos NT, Fan JG, Fouad bY, Sun DQ, Giannini C, Chai J, Xia ZF, Jun DW, Li GJ, Treeprasertsuk S, Li YX, Cheung TT, Zhang F, Goh GB, Furuhashi M, Seto WK, Huang H, Di Sessa A, Li QH, Cholongitas E, Zhang L, Silveira TR, Sebastiani G, Adams LA, Chen W, Qi X, Rankovic I, De Ledinghen V, Li WJ, Hamaguchi M, Kassir R, Müller-Wieland D, Romero-Gomez M, Xu Y, Xu YC, Chen SY, Kermansaravi M, Kuchay MS, Lefere S, Parmar C, Lip GYH, Liu CJ, Åberg F, Lau G, George J, Sarin SK, Zhou JY, Zheng MH; MAFLD ICD-11 coding collaborators. A global survey on the use of the international classification of diseases codes for metabolic dysfunction-associated fatty liver disease. *Hepatol Int*. 2024 Aug;18(4):1178-1201. doi: 10.1007/s12072-024-10702-5. Epub 2024 Jun 15. PMID: 38878111.
 59. Conci S, Bianco A, Marchese A, D'Onofrio M, Campagnaro T, De Bellis M, Dalbeni A, Campagnola P, Mansueto G, **Ruzzenente A**. Percutaneous ablation in perivascular-HCC: impact of liver parenchyma and characteristics of vascular structures on the outcomes. *Clin Radiol*. 2024 Sep;79(9):e1126-e1133. doi: 10.1016/j.crad.2024.05.012. Epub 2024 May 21. PMID: 38866676.
 60. Turri G, Ostuzzi G, Vita G, Barresi V, Scarpa A, Milella M, Mazzarotto R, **Ruzzenente A**, Barbui C, Pedrazzani C. Treatment of Locally Advanced Rectal Cancer in the Era of Total Neoadjuvant Therapy: A Systematic Review and Network Meta-Analysis. *JAMA Netw Open*. 2024 Jun 3;7(6):e2414702. doi: 10.1001/jamanetworkopen.2024.14702. PMID: 38833249; PMCID: PMC11151159.
 61. Fiz F, Rossi N, Langella S, Conci S, Serenari M, Ardito F, Cucchetti A, Gallo T, Zamboni GA, Mosconi C, Boldrini L, Mirarchi M, Cirillo S, **Ruzzenente A**, Pecorella I, Russolillo N, Borzi M, Vara G, Mele C, Ercolani G, Giuliani F, Cescon M, Guglielmi A, Ferrero A, Sollini M, Chiti A, Torzilli G, Ieva F, Viganò L. Radiomics of Intrahepatic Cholangiocarcinoma and Peritumoral Tissue Predicts Postoperative Survival:

- Development of a CT-Based Clinical-Radiomic Model. *Ann Surg Oncol*. 2024 Sep;31(9):5604-5614. doi: 10.1245/s10434-024-15457-9. Epub 2024 nMay 26. PMID: 38797789.
62. Vitale A, Romano P, Cillo U; Writing Group for the HE.RC.O.L.E.S Collaborative Group; Writing Group for the ITA.LI.CA Collaborative Group; HE.RC.O.L.E.S and ITA.LI.CA Collaborative Groups; Lauterio A, Sangiovanni A,
 63. Cabibbo G, Missale G, Marseglia M, Trevisani F, Foschi FG, Cipriani F, Famularo S, Marra F, Saitta C, Serenari M, Vidili G, Morisco F, Caturelli E, Mega A, Pelizzaro F, Nicolini D, Ardito F, Garancini M, Masotto A, Baroni GS, Azzaroli F, Giannini E, Perri P, Scarinci A, Fontana AP, Brunetto MR, Iaria M, Di Marco M, Nardone G, Dominioni T, Lai Q, Ferrari C, Rapaccini GL, Rodolfo S, Romano M Conci S, Zoli M, Conticchio M, Zanello M, Zimmiti G, Fumagalli L, Troci A, Germani P, Gasbarrini A, La Barba G, De Angelis M, Patauner S, Molfino S, Zago M, Pinotti E, Frigo AC, Baiocchi GL, Frena A, Boccia L, Ercolani G, Tarchi P, Crespi M, Chiarelli M, Abu Hilal M, Cescon M, Memeo R, **Ruzzenente A**, Zanusi G, Griseri G, Rossi M, Maestri M, Della Valle R, Ferrero A, Grazi GL, Romano F, Giuliani F, Vivarelli M, Jovine E, Torzilli G, Aldrighetti L, De Carlis L. Liver Resection vs Nonsurgical Treatments for Patients With Early Multinodular Hepatocellular Carcinoma. *JAMA Surg*. 2024 Aug 1;159(8):881-889. doi: 10.1001/jamasurg.2024.1184. PMID: 38771633; PMCID: PMC11097094.
 64. Hoogteijling TJ, Abu Hilal M, Zimmiti G, Aghayan DL, Wu AGR, Cipriani F, Gruttadauria S, Scatton O, Long TCD, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Tang CN, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Han HS, Cheung TT, Sugioka A, Dokmak S, Chen KH, Liu R, Fuks D, Zhang W, Aldrighetti L, Edwin B, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Impact of neoadjuvant chemotherapy on short-term outcomes after simple and complex minimally invasive minor hepatectomy for colorectal liver metastases: A propensity-score matched and coarsened exact matched study. *Eur J Surg Oncol*. 2024 Jun;50(6):108309. doi: 10.1016/j.ejso.2024.108309. Epub 2024 Apr 2. PMID: 38626588.
 65. Sijberden JP, Hoogteijling TJ, Aghayan D, Ratti F, Tan EK, Morrison-Jones V, Lanari J, Haentjens L, Wei K, Tzedakis S, Martinie J, Osei Bordon D, Zimmiti G, Crespo K, Magistri P, Russolillo N, Conci S, Görges B, Benedetti Cacciaguerra A, D'Souza D, Zozaya G, Caula C, Geller D, Robles Campos R, Croner R, Rehman S, Jovine E, Efanov M, Alseidi A, Memeo R, Dagher I, Giuliani F, Sparrelid E, Ahmad J, Gallagher T, Schmelzle M, Swijnenburg RJ, Fretland AA, Cipriani F, Koh YX, White S, Lopez Ben S, Rotellar F, Serrano PE, Vivarelli M, **Ruzzenente A**, Ferrero A, Di Benedetto F, Besselink MG, Sucandy I, Sutcliffe RP, Vrochides D, Fuks D, Liu R, D'Hondt M, Cillo U, Primrose JN, Goh BKP, Aldrighetti LA, Edwin B, Abu Hilal M; International consortium on Minimally Invasive Liver Surgery (I-MILS). Robotic Versus Laparoscopic Liver Resection in Various Settings: An International Multicenter Propensity Score Matched Study of 10,075 Patients. *Ann Surg*. 2024 Jul 1;280(1):108-117. doi: 10.1097/SLA.0000000000006267. Epub 2024 Mar 14. PMID: 38482665; PMCID: PMC11161239.
 66. Olthof PB, Erdmann JJ, Alikhanov R, Charco R, Guglielmi A, Hagendoorn J, Hakeem A, Hoogwater FJH, Jarnagin WR, Kazemier G, Lang H, Maithel SK, Malago M, Malik HZ, Nadalin S, Neumann U, Olde Damink SWM, Pratschke J, Ratti F, Ravaioli M, Roberts KJ, Schadde E, Schnitzbauer AA, Sparrelid E, Topal B, Troisi RI, Groot Koerkamp B; Perihilar Cholangiocarcinoma Collaboration Group. Higher Postoperative Mortality and Inferior Survival After Right-Sided Liver Resection for Perihilar Cholangiocarcinoma: Left-Sided Resection is Preferred When Possible. *Ann Surg Oncol*. 2024 Jul;31(7):4405-4412. doi: 10.1245/s10434-024-15115-0. Epub 2024 Mar 12. PMID: 38472674; PMCID: PMC11164810.
 67. Olthof PB, Groot Koerkamp B; Perihilar Cholangiocarcinoma Collaboration Group. ASO Author Reflections: Surgical Strategy for Perihilar Cholangiocarcinoma. *Ann Surg Oncol*. 2024 Jul;31(7):4454-4455. doi: 10.1245/s10434-024-15156-5. Epub 2024 Mar 6. PMID: 38448738; PMCID: PMC11164771.
 68. De Bellis M, Mastrosimino MG, Capelli P, Alaimo L, Conci S, Campagnaro T, Pecori S, Scarpa A, Guglielmi A, **Ruzzenente A**. The Relevance of Radial Margin Status in Perihilar Cholangiocarcinoma: A State-of-the-Art Narrative Review. *Dig Surg*. 2024;41(2):92-102. doi: 10.1159/000535995. Epub 2024 Mar 6. PMID: 38447545.
 69. Alaimo L, Marchese A, Vignola D, Roman D, Conci S, De Bellis M, Pedrazzani C, Campagnaro T, Manzini G, Guglielmi A, **Ruzzenente A**. The Role of Three-Dimensional Modeling to Improve Comprehension of Liver Anatomy and Tumor Characteristics for Medical Students and Surgical Residents. *J Surg Educ*. 2024 Apr;81(4):597-606. doi: 10.1016/j.jsurg.2023.12.018. Epub 2024 Feb 22. PMID: 38388310.
 70. De Bellis M, Contro A, Bianco A, Gasparini C, Tripepi M, La Raja M, Alaimo L, Conci S, Campagnaro T, Guglielmi A, Mansueto G, **Ruzzenente A**. Portal vein stenting in recurrent or locally advanced peri-hilar cholangiocarcinoma. *Eur J Surg Oncol*. 2024 Mar;50(3):107984. doi: 10.1016/j.ejso.2024.107984. Epub 2024 Jan 30. PMID: 38335874.
 71. Poletto E, Conci S, Campagnaro T, De Bellis M, Alaimo L, **Ruzzenente A**. A novel use of the comprehensive complication index in perihilar cholangiocarcinoma surgery. *Hepatobiliary Surg Nutr*. 2024 Feb 1;13(1):139-142. doi: 10.21037/hbsn-23-585. Epub 2023 Dec 28. PMID: 38322207; PMCID: PMC10839709.
 72. Martinelli N, Moruzzi S, Udali S, Castagna A, Di Santo L, Ambrosani F, Baroni M, Pattini P, Pizzolo F, **Ruzzenente A**, Conci S, Grusse M, Campagnaro T, Van Dreden P, Guglielmi A, Bernardi F, Olivieri O, Friso S. Tissue factor pathway-related biomarkers in liver cancer: activated factor VII-antithrombin complex and tissue factor mRNA levels are associated with mortality. *Res Pract Thromb Haemost*. 2024 Jan 2;8(1):102310. doi: 10.1016/j.rpth.2023.102310. PMID: 38282902; PMCID: PMC10818084. Alaimo L, Endo Y, Catalano G, **Ruzzenente A**, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Pawlik TM. Benchmarks in Liver Resection for Intrahepatic Cholangiocarcinoma. *Ann Surg Oncol*. 2024 Jan 12. doi: 10.1245/s10434-023-14880-8. Epub ahead of print. PMID: 38214817.
 73. **Ruzzenente A**, Alaimo L, D'Onofrio M, Marchese A, Roman D, Conci S, De Bellis M, Pedrazzani C, Campagnaro T, Guglielmi A. Perihilar cholangiocarcinoma: three-dimensional modelling algorithm to estimate tumour extension and bile duct resection margins. *Br J Surg*. 2024 Jan 3;111(1):znad428. doi: 10.1093/bjs/znad428. PMID: 38198153.
 74. Endo Y, Alaimo L, Moazzam Z, Woldesenbet S, Lima HA, Munir MM, Shaikh CF, Yang J, Azap L, Katayama E, Guglielmi A, **Ruzzenente A**, Aldrighetti L, Alexandrescu S, Kitago M, Poultides G, Sasaki K, Aucejo F, Pawlik TM. Postoperative morbidity after simultaneous versus staged resection of synchronous colorectal liver metastases: Impact of hepatic tumor burden. *Surgery*. 2024 Feb;175(2):432-440. doi: 10.1016/j.surg.2023.10.019. Epub 2023 Nov 23. PMID: 38001013.
 75. Sijberden JP, Zimmiti G, Cipriani F, Furumaya A, Lanari J, Suhool A, Osei-Bordon D, Aghayan D, Jovine E, **Ruzzenente A**, Ardito F, D'Hondt M, Ferrero A, Benedetti Cacciaguerra A, Lopez-Ben S, Dagher I, Fuks D, Alseidi A, Rotellar F, Di Benedetto F, Ratti F, Swijnenburg RJ, Gringeri E, Vivarelli M, Giuliani F, Edwin B, Sutcliffe RP, Primrose JN, Cillo U, Besselink MG, Aldrighetti LA, Abu Hilal M. Trends in the characteristics and perioperative outcomes of patients undergoing laparoscopic and open resections for benign liver lesions: An international multicenter

retrospective cohort study of 845 patients. HPB (Oxford). 2023 Nov 3:S1365-182X(23)01971-8. doi: 10.1016/j.hpb.2023.10.016. Epub ahead of print. PMID: 37989610.

76. Zheng J, Liang X, Wu AGR, Kabir T, Scatton O, Lim C, Hasegawa K, Sijberden JP, Aghayan DL, Siow TF, Dokmak S, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Prieto M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Chen Z, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Cherqui D, Cipriani F, Soubrane O, Zhang W, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioaka A, Long TCD, Liu R, Edwin B, Fuks D, Abu Hilal M, Chen KH, Aldrighetti L, Han HS, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Impact of liver cirrhosis, severity of cirrhosis and portal hypertension on the difficulty of laparoscopic and robotic minor liver resections for primary liver malignancies in the anterolateral segments. *Eur J Surg Oncol*. 2024 Jan;50(1):107252. doi: 10.1016/j.ejso.2023.107252. Epub 2023 Nov 8. PMID: 37984243.
77. Cipriani F, Aldrighetti L, Ratti F, Wu AGR, Kabir T, Scatton O, Lim C, Zhang W, Sijberden J, Aghayan DL, Siow TF, Dokmak S, Coelho FF, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioaka A, Han HS, Long TCD, Liu R, Edwin B, Fuks D, Chen KH, Abu Hilal M, Chen KH, Goh BKP; International Robotic and Laparoscopic Liver Resection Study Group Investigators. Impact of Liver Cirrhosis, Severity of Cirrhosis, and Portal Hypertension on the Difficulty and Outcomes of Laparoscopic and Robotic Major Liver Resections for Primary Liver Malignancies. *Ann Surg Oncol*. 2024 Jan;31(1):97-114. doi: 10.1245/s10434-023-14376-5. Epub 2023 Nov 7. PMID: 37936020.
78. Paro A, Hyer JM, Avery BS, Tsilimigras DI, Bagante F, Guglielmi A, **Ruzzenente A**, Alexandrescu S, Poultides G, Sasaki K, Aucejo F, Pawlik TM. Using the win ratio to compare laparoscopic versus open liver resection for colorectal cancer liver metastases. *Hepatobiliary Surg Nutr*. 2023 Oct 1;12(5):692-703. doi: 10.21037/hbsn-22-36. Epub 2022 Jun 20. PMID: 37886182; PMCID: PMC10598303.
79. Cotsoglou C, Granieri S, Bassotto S, Bagnardi V, Pugliese R, Grazi GL, Guglielmi A, **Ruzzenente A**, Aldrighetti L, Ratti F, De Carlis L, De Carlis R, Centonze L, De Angelis N, Memeo R, Delvecchio A, Felli E, Izzo F, Belli A, Patrone R, Ettore GM, Berardi G, Di Benedetto F, Di Sandro S, Romano F, Garancini M, Scotti MA, Bianchi G, Germani A, Gjonj E, Bonomi A, Bruno F, Paleino S, Pugliese G. Dynamic surgical anatomy using 3D reconstruction technology in complex hepato-biliary surgery with vascular involvement. Results from an international multicentric survey. *HPB (Oxford)*. 2024 Jan;26(1):83-90. doi: 10.1016/j.hpb.2023.10.003. Epub 2023 Oct 5. PMID: 37838501.
80. Endo Y, Alaimo L, Moazzam Z, Woldesenbet S, Lima HA, Yang J, Munir MM, Shaikh CF, Azap L, Katayama E, Rueda BO, Guglielmi A, **Ruzzenente A**, Aldrighetti L, Alexandrescu S, Kitago M, Poultides G, Sasaki K, Aucejo F, Pawlik TM. Optimal policy tree to assist in adjuvant therapy decision-making after resection of colorectal liver metastases. *Surgery*. 2023 Sep 29:S0039-6060(23)00511-1. doi: 10.1016/j.surg.2023.06.045. Epub ahead of print. PMID: 37778970.
81. Alaimo L, Moazzam Z, Lima HA, Endo Y, **Ruzzenente A**, Guglielmi A, Ratti F, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Popescu I, Poultides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Aucejo F, Sasaki K, Fields RC, Hugh T, Lam V, Pawlik TM. An attempt to establish and apply global benchmarks for liver resection of malignant hepatic tumors. *Surgery*. 2023 Sep 21:S0039-6060(23)00526-3. doi: 10.1016/j.surg.2023.08.024. Epub ahead of print. PMID: 37741777.
82. Fiz F, Rossi N, Langella S, **Ruzzenente A**, Serenari M, Ardito F, Cucchetti A, Gallo T, Zamboni G, Mosconi C, Boldrini L, Mirarchi M, Cirillo S, De Bellis M, Pecorella I, Russolillo N, Borzi M, Vara G, Mele C, Ercolani G, Giuliani F, Ravaioli M, Guglielmi A, Ferrero A, Sollini M, Chiti A, Torzilli G, Ieva F, Viganò L. Radiomic Analysis of Intrahepatic Cholangiocarcinoma: Non-Invasive Prediction of Pathology Data: A Multicenter Study to Develop a Clinical-Radiomic Model. *Cancers (Basel)*. 2023 Aug 22;15(17):4204. doi: 10.3390/cancers15174204. PMID: 37686480; PMCID: PMC10486795.
83. Danese E, Lievens PM, Padoan A, Peserico D, Galavotti R, Negrini D, Gelati M, Conci S, **Ruzzenente A**, Salvagno GL, Lippi G. Plasma Bile Acid Profiling and Modulation of Secreted Mucin 5AC in Cholangiocarcinoma. *Int J Mol Sci*. 2023 Aug 14;24(16):12794. doi: 10.3390/ijms241612794. PMID: 37628976; PMCID: PMC10454108.
84. Lim C, Scatton O, Wu AGR, Zhang W, Hasegawa K, Cipriani F, Sijberden J, Aghayan DL, Siow TF, Dokmak S, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Prieto M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Sugioaka A, Han HS, Long TCD, Liu R, Edwin B, Fuks D, Chen KH, Abu Hilal M, Aldrighetti L, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Impact of liver cirrhosis and portal hypertension on minimally invasive limited liver resection for primary liver malignancies in the posterosuperior segments: An international multicenter study. *Eur J Surg Oncol*. 2023 Oct;49(10):106997. doi: 10.1016/j.ejso.2023.106997. Epub 2023 Aug 6. PMID: 37591027.
85. Campagnaro T, Poletto E, Tarchi P, Rattizzato S, Verlato G, Conci S, Pedrazzani C, De Manzini N, Guglielmi A, **Ruzzenente A**. Evaluation of the ACS- NSQIP Surgical Risk Calculator in Patients with Hepatic Metastases from Colorectal Cancer Undergoing Liver Resection. *J Gastrointest Surg*. 2023 Aug 14. doi: 10.1007/s11605-023-05784-9. Epub ahead of print. PMID: 37580490.
86. Kato Y, Sugioaka A, Kojima M, Syn NL, Zhongkai W, Liu R, Cipriani F, Armstrong T, Aghayan DL, Siow TF, Lim C, Scatton O, Herman P, Coelho FF, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, Dalla Valle B, **Ruzzenente A**, Yong CC, Fondevila C, Efanov M, Di Benedetto F, Belli A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Schmelzle M, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Forchino F, Ferrero A, Ettore GM, Levi Sandri GB, Pascual F, Cherqui D, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Chen Z, Yin M, D'Silva M, Han HS, Nghia PP, Long TCD, Edwin B, Fuks D, Chen KH, Abu Hilal M, Aldrighetti L, Goh BKP; International Robotic and Laparoscopic Liver Resection Study Group Investigators. Impact of Tumor Size on the Difficulty of Laparoscopic Major Hepatectomies: An International Multicenter Study. *Ann Surg Oncol*. 2023 Oct;30(11):6628-6636. doi: 10.1245/s10434-023-13863-z. Epub 2023 Jul 28. PMID: 37505351.
87. Krenzien F, Schmelzle M, Pratschke J, Feldbrügge L, Liu R, Liu Q, Zhang W, Zhao JJ, Tan HL, Cipriani F, Hoogteijling TJ, Aghayan DL, Fretland AA,

- Siow TF, Lim C, Scatton O, Herman P, Coelho FF, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, Valle BD, **Ruzzenente A**, Yong CC, Chen Z, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Valle RD, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Hasegawa K, Tang CN, Chong CCN, Lee KF, Meurs J, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Pascual F, Cherqui D, Zheng J, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioaka A, Dokmak S, D'Silva M, Han HS, Nghia PP, Long TCD, Hilal MA, Chen KH, Fuks D, Aldrighetti L, Edwin B, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Propensity Score-Matching Analysis Comparing Robotic Versus Laparoscopic Limited Liver Resections of the Posterosuperior Segments: An International Multi-Center Study. *Ann Surg*. 2023 Jul 24. doi: 10.1097/SLA.0000000000006027. Epub ahead of print. PMID: 37485989.
88. Abu Hilal M, van Ramshorst TME, Boggi U, Dokmak S, Edwin B, Keck T, Khatkov I, Ahmad J, Al Saati H, Alseidi A, Azagra JS, Björnsson B, Can FM, D'Hondt M, Efanov M, Alvarez FE, Esposito A, Ferrari G, Koerkamp BG, Gumbs AA, Hogg ME, Huscher CGS, Ielpo B, Ivanecz A, Jang JY, Liu R, Luyer MDP, Menon K, Nakamura M, Piardi T, Saint-Marc O, White S, Yoon YS, Zerbi A, Bassi C, Berrevoet F, Chan C, Coimbra FJ, Conlon KCP, Cook A, Dervenis C, Falconi M, Ferrari C, Frigerio I, Fusai GK, De Oliveira ML, Pinna AD, Primrose JN, Sauvanet A, Serrablo A, Smadi S, Badran A, Baychorov M, Bannone E, van Bodegraven EA, Emmen AMLH, Giani A, de Graaf N, van Hilst J, Jones LR, Sandri GBL, Pulvirenti A, Ramera M, Rashidian N, Sahakyan MA, Uijterwijk BA, Zampieri P, Zwart MJW, Alfieri S, Berti S, Butturini G, Di Benedetto F, Ettore GM, Giuliani F, Jovine E, Memeo R, Portolani N, **Ruzzenente A**, Salvia R, Siriwardena AK, Besselink MG, Asbun HJ; Collaborators. The Brescia Internationally Validated European Guidelines on Minimally Invasive Pancreatic Surgery (EGUMIPS). *Ann Surg*. 2023 Jul 14. doi: 10.1097/SLA.0000000000006006. Epub ahead of print. PMID: 37450702.
89. Guglielmi A, Tripepi M, Salmaso L, Fedeli U, **Ruzzenente A**, Saia M. Trends in hospital volume and operative mortality in hepato-biliary surgery in Veneto region, Italy. *Updates Surg*. 2023 Oct;75(7):1949-1959. doi: 10.1007/s13304-023-01574-9. Epub 2023 Jul 3. PMID: 37395932; PMCID: PMC10543584.
90. Famularo S, Cillo U, Lauterio A, Donadon M, Vitale A, Serenari M, Cipriani F, Fazio F, Giuffrida M, Ardito F, Dominionio T, Garancini M, Lai Q, Nicolini D, Molino S, Perri P, Pinotti E, Conci S, Ferrari C, Zanello M, Patauner S, Zimmitti G, Germani P, Chiarelli M, Romano M, De Angelis M, La Barba G, Troci A, Ferraro V, Izzo F, Antonucci A, Belli A, Memeo R, Crespi M, Ercolani G, Boccia L, Zanusi G, Tarchi P, Hilal MA, Frena A, Jovine E, Griseri G, **Ruzzenente A**, Zago M, Grazi G, Baiocchi GL, Vivarelli M, Rossi M, Romano F, Maestri M, Giuliani F, Valle RD, Ferrero A, Aldrighetti L, De Carlis L, Cescon M, Torzilli G; HE.RC.O.L.E.S. Group Contributors. Survival benefit of second line therapies for recurrent hepatocellular carcinoma: repeated hepatectomy, thermoablation and second-line transplant referral in a real life national scenario. *HPB (Oxford)*. 2023 Oct;25(10):1223-1234. doi: 10.1016/j.hpb.2023.06.004. Epub 2023 Jun 12. PMID: 37357112.
91. Turri G, Caligola S, Ugel S, Conti C, Zenuni S, Barresi V, **Ruzzenente A**, Lippi G, Scarpa A, Bronte V, Guglielmi A, Pedrazzani C. Pre-diagnostic prognostic value of leukocytes count and neutrophil-to-lymphocyte ratio in patients who develop colorectal cancer. *Front Oncol*. 2023 Jun 5;13:1148197. doi: 10.3389/fonc.2023.1148197. PMID: 37342188; PMCID: PMC10277676
92. Conci S, Catalano G, Roman D, Zecchetto C, Lucin E, De Bellis M, Tripepi M, Guglielmi A, Milella M, **Ruzzenente A**. Current Role and Future Perspectives of Immunotherapy and Circulating Factors in Treatment of Biliary Tract Cancers. *Int J Med Sci*. 2023 May 11;20(7):858-869. doi: 10.7150/ijms.82008. PMID: 37324191; PMCID: PMC10266048.
93. Alaimo L, Lima HA, Moazzam Z, Endo Y, Yang J, **Ruzzenente A**, Guglielmi A, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultsides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Pawlik TM. Development and Validation of a Machine Learning Model to Predict Early Recurrence of Intrahepatic Cholangiocarcinoma. *Ann Surg Oncol*. 2023 Sep;30(9):5418-5419. doi: 10.1245/s10434-023-13712-z. PMID: 37322283.
94. Coelho FF, Herman P, Kruger JAP, Wu AGR, Chin KM, Hasegawa K, Zhang W, Alzoubi M, Aghayan DL, Siow TF, Scatton O, Kingham TP, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Dokmak S, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Valle RD, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Liu R, Ferrero A, Ettore GM, Cipriani F, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Yin M, Cheung TT, Sugioaka A, Han HS, Long TCD, Fuks D, Abu Hilal M, Chen KH, Aldrighetti L, Edwin B, Goh BKP; International Robotic and Laparoscopic Liver Resection study group investigators are coauthors of this study. Impact of liver cirrhosis, the severity of cirrhosis, and portal hypertension on the outcomes of minimally invasive left lateral sectionectomies for primary liver malignancies. *Surgery*. 2023 Sep;174(3):581-592. doi: 10.1016/j.surg.2023.04.057. Epub 2023 Jun 9. PMID: 37301612.
95. Berardi G, Kingham TP, Zhang W, Syn NL, Koh YX, Jaber B, Aghayan DL, Siow TF, Lim C, Scatton O, Herman P, Coelho FF, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, Dalla Valle B, **Ruzzenente A**, Yong CC, Chen Z, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Schmelzle M, Pratschke J, Lai ECH, Chong CCN, Meurs J, D'Hondt M, Monden K, Lopez Ben S, Liu Q, Liu R, Ferrero A, Ettore GM, Cipriani F, Pascual F, Cherqui D, Zheng J, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioaka A, D'Silva M, Han HS, Nghia PP, Long TCD, Edwin B, Fuks D, Abu Hilal M, Aldrighetti L, Chen KH, Goh BKP; International robotic and laparoscopic liver resection study group investigators. Impact of body mass index on perioperative outcomes of laparoscopic major hepatectomies. *Surgery*. 2023 Aug;174(2):259-267. doi: 10.1016/j.surg.2023.04.016. Epub 2023 Jun 3. PMID: 37271685.
96. Alaimo L, Lima HA, Moazzam Z, Endo Y, Yang J, **Ruzzenente A**, Guglielmi A, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultsides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Pawlik TM. Development and Validation of a Machine-Learning Model to Predict Early Recurrence of Intrahepatic Cholangiocarcinoma. *Ann Surg Oncol*. 2023 Sep;30(9):5406-5415. doi: 10.1245/s10434-023-13636-8. Epub 2023 May 20. PMID: 37210452.
97. Endo Y, Rueda BO, Woldesenbet S, Munir MM, Lima HA, Katayama ES, Shaikh CF, Guglielmi A, **Ruzzenente A**, Aldrighetti L, Alexandrescu S, Kitago M, Poultsides G, Sasaki K, Aucejo F, Pawlik TM. The impact of recurrence timing and tumor burden score on overall survival among patients undergoing repeat hepatectomy for colorectal liver metastases. *J Surg Oncol*. 2023 Sep;128(4):560-568. doi: 10.1002/jso.27314. Epub 2023 May 17. PMID: 37195231.
98. Chen Z, Yin M, Fu J, Yu S, Syn NL, Chua DW, Kingham TP, Zhang W, Hoogteijling TJ, Aghayan DL, Siow TF, Scatton O, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Prieto M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Dokmak S, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Gruttadauria S, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Lai ECH, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Liu Q, Liu R, Ferrero A, Ettore GM, Cipriani F, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioaka A, Han HS, Long TCD, Fuks D, Abu Hilal M, Aldrighetti L, Chen KH, Edwin B, Goh BKP; International robotic and laparoscopic liver resection study group investigators are coauthors of this study. Impact of body mass index on the difficulty and outcomes of laparoscopic left lateral

- sectionectomy. *Eur J Surg Oncol*. 2023 Aug;49(8):1466-1473. doi: 10.1016/j.ejso.2023.03.235. Epub 2023 May 3. PMID: 37188553.
99. Dalbeni A, Natola LA, Garbin M, Zoncà M, Cattazzo F, Mantovani A, Vella A, Canè S, Kassem J, Bevilacqua M, Conci S, Campagnaro T, **Ruzzenente A**, Auriemma A, Drudi A, Zanoni G, Guglielmi A, Milella M, Sacerdoti D.; Interleukin-6: A New Marker of Advanced-Sarcopenic HCC Cirrhotic Patients; *Cancers (Basel)*; 2023
 100. Vega EA, Newhook TE, Mellado S, **Ruzzenente A**, Okuno M, De Bellis M, Panettieri E, Ahmad MU, Merlo I, Rojas J, De Rose AM, Nishino H, Sinnamon AJ, Donadon M, Hauger MS, Guevara OA, Munoz C, Denbo JW, Chun YS, Tran Cao HS, Sanchez Clara R, Tzeng CD, De Aretxabala X, Vivanco M, Brudvik KW, Seo S, Pekolj J, Poultides GA, Torzilli G, Giuliani F, Anaya DA, Guglielmi A, Vinuela E, Vauthier JN.; Benchmarks and Geographic Differences in Gallbladder Cancer Surgery: An International Multicenter Study; *Ann Surg Oncol*; 2023
 101. Sijberden JP, Zimmetti G, Conci S, Russolillo N, Masetti M, Cipriani F, Lanari J, Görges B, Benedetti Cacciaguerra A, Rotellar F, D'Hondt M, Edwin B, Sutcliffe RP, Dagher I, Efanov M, López-Ben S, Primrose JN, Giuliani F, Spinelli A, Chand M, Alvarez S, Langella S, Nicosia S, **Ruzzenente A**, Vivarelli M, Cillo U, Aldrighetti L, Jovine E, Ferrero A, Guglielmi A, Besselink MG, Abu Hilal M.; Simultaneous resection of colorectal cancer and synchronous liver metastases: what determines the risk of unfavorable outcomes? An international multicenter retrospective cohort study; *Int J Surg*; 2023
 102. Kwak BJ, Lee JH, Chin KM, Syn NL, Choi SH, Cheung TT, Chiow AKH, Sucandy I, Marino MV, Prieto M, Chong CC, Choi GH, Efanov M, Kingham TP, Sutcliffe RP, Troisi RI, Pratschke J, Wang X, D'Hondt M, Tang CN, Mishima K, Wakabayashi G, Cherqui D, Aghayan DL, Edwin B, Scatton O, Sugioaka A, Long TCD, Fondevila C, Alzoubi M, Hilal MA, **Ruzzenente A**, Ferrero A, Herman P, Lee B, Fuks D, Cipriani F, Liu Q, Aldrighetti L, Liu R, Han HS, Goh BKP; International robotic and laparoscopic liver resection study group investigators.; Robotic versus laparoscopic liver resections for hepatolithiasis: an international multicenter propensity score matched analysis; *Surg Endosc*; 2023
 1. Alaimo L, Moazzam Z, Lima HA, Endo Y, Woldeesenbet S, Ejaz A, Cloyd J, Guglielmi A, **Ruzzenente A**, Pawlik TM.; ASO Visual Abstract: Impact of Staging Concordance and Downstaging after Neoadjuvant Therapy on Survival Following Resection of Intrahepatic Cholangiocarcinoma: A Bayesian Analysis; *Ann Surg Oncol*; 2023
 2. Alaimo L, Moazzam Z, Lima HA, Endo Y, Woldeesenbet S, Ejaz A, Cloyd J, Guglielmi A, **Ruzzenente A**, Pawlik TM.; Impact of Staging Concordance and Downstaging After Neoadjuvant Therapy on Survival Following Resection of Intrahepatic Cholangiocarcinoma: A Bayesian Analysis; *Ann Surg Oncol*; 2023
 3. Yakneen S, Waszak SM; PCAWG Technical Working Group; Gertz M, Korbel JO; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes; *Nat Biotechnol*; 2023
 4. Zapata M, Borozan I, Brewer DS, Iskar M, Grundhoff A, Alawi M, Desai N, Sültmann H, Moch H; PCAWG Pathogens; Cooper CS, Eils R, Ferretti V, Lichter P; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: The landscape of viral associations in human cancers; *Nat Genet*; 2023
 5. Cortés-Ciriano I, Lee JJ, Xi R, Jain D, Jung YL, Yang L, Gordenin D, Klimczak LJ, Zhang CZ, Pellman DS; PCAWG Structural Variation Working Group; Park PJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing; *Nat Genet*; 2023
 6. Yuan Y, Ju YS, Kim Y, Li J, Wang Y, Yoon CJ, Yang Y, Martincorena I, Creighton CJ, Weinstein JN, Xu Y, Han L, Kim HL, Nakagawa H, Park K, Campbell PJ, Liang H; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers; *Nat Genet*; 2023
 7. Ghotbi J, Aghayan D, Fretland Å, Edwin B, Syn NL, Cipriani F, Alzoubi M, Lim C, Scatton O, Long TCD, Herman P, Coelho FF, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Prieto M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Fondevila C, Efanov M, Morise Z, Di Benedetto F, Brustia R, Dalla Valle R, Boggi U, Geller D, Belli A, Memeo R, Mejia A, Park JO, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Tang CN, Chong CCN, D'Hondt M, Monden K, Lopez-Ben S, Kingham TP, Ferrero A, Ettore GM, Levi Sandri GB, Pascual F, Cherqui D, Liang X, Mazzotta A, Wakabayashi G, Giglio M, Troisi RI, Han HS, Cheung TT, Sugioaka A, Chen KH, Liu R, Soubane O, Fuks D, Aldrighetti L, Abu Hilal M, Goh BKP; International robotic and laparoscopic liver resection study group investigators.; Impact of neoadjuvant chemotherapy on the difficulty and outcomes of laparoscopic and robotic major liver resections for colorectal liver metastases: A propensity-score and coarsened exact-matched controlled study; *Eur J Surg Oncol*; 2023
 8. van der Heijde N, Görges B, Beane JD, Ratti F, Belli G, Benedetti Cacciaguerra A, Calise F, Cillo U, De Boer MT, Fagenson AM, Fretland ÅA, Gleeson EM, de Graaff MR, Kok NFM, Lassen K, van der Poel MJ, **Ruzzenente A**, Sutcliffe RP, Edwin B, Aldrighetti L, Pitt HA, Abu Hilal M, Besselink MG.; Correction: Transatlantic registries for minimally invasive liver surgery: towards harmonization; *Surg Endosc*; 2023
 9. Alexandrov LB, Kim J, Haradhvala NJ, Huang MN, Tian Ng AW, Wu Y, Boot A, Covington KR, Gordenin DA, Bergstrom EN, Islam SMA, Lopez-Bigas N, Klimczak LJ, McPherson JR, Morganella S, Sabarinathan R, Wheeler DA, Mustonen V; PCAWG Mutational Signatures Working Group; Getz G, Rozen SG, Stratton MR; PCAWG Consortium **Collaborator Ruzzenente A**; Author Correction: The repertoire of mutational signatures in human cancer; *Nature*; 2023
 10. Li Y, Roberts ND, Wala JA, Shapira O, Schumacher SE, Kumar K, Khurana E, Waszak S, Korbel JO, Haber JE, Imielinski M; PCAWG Structural Variation Working Group; Weischenfeldt J, Beroukhir M, Campbell PJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Patterns of somatic structural variation in human cancer genomes; *Nature*; 2023
 11. ICGC/TCGA Pan-Cancer Analysis of Whole Genomes Consortium. **Collaborator Ruzzenente A**; Author Correction: Pan-cancer analysis of whole genomes; *Nature*; 2023
 12. Gerstung M, Jolly C, Leshchiner I, Dentro SC, Gonzalez S, Rosebrock D, Mitchell TJ, Rubanova Y, Anur P, Yu K, Tarabichi M, Deshwar A, Wintersinger J, Kleinheinz K, Vázquez-García I, Haase K, Jerman L, Sengupta S, Macintyre G, Malik S, Donmez N, Livitz DG, Cmero M, Demeulemeester J, Schumacher S, Fan Y, Yao X, Lee J, Schlesner M, Boutros PC, Bowtell DD, Zhu H, Getz G, Imielinski M, Beroukhir M, Sahinalp SC, Ji Y, Peifer M, Markowitz F, Mustonen V, Yuan K, Wang W, Morris QD; PCAWG Evolution & Heterogeneity Working Group; Spellman PT, Wedge DC, Van Loo P; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: The evolutionary history of 2,658 cancers; *Nature*; 2023
 13. Rheinbay E, Nielsen MM, Abascal F, Wala JA, Shapira O, Tiao G, Hornshøj H, Hess JM, Juul RI, Lin Z, Feuerbach L, Sabarinathan R, Madsen T, Kim J, Mularoni L, Shuai S, Lanzós A, Herrmann C, Maruvka YE, Shen C, Amin SB, Bandopadhyay P, Bertl J, Boroevich KA, Busanovich J, Carlevaro-Fita J, Chakravarty D, Chan CWY, Craft D, Dhingra P, Diamanti K, Fonseca NA, Gonzalez-Perez A, Guo Q, Hamilton MP, Haradhvala NJ, Hong C, Isaev K, Johnson TA, Juul M, Kahles A, Kahraman A, Kim Y, Komorowski J, Kumar K, Kumar S, Lee D, Lehmann KV, Li Y, Liu EM, Lochovsky L, Park K, Pich O, Roberts ND, Saksena G, Schumacher SE, Sidiropoulos N, Sieverling L, Sinnott-Armstrong N, Stewart C, Tamborero D, Tubio JMC, Umer HM, Uusküla-Reimand L, Wadelius C, Wadi L, Yao X, Zhang CZ, Zhang J, Haber JE, Hobolth A, Imielinski M, Kellis M, Lawrence MS, von Mering C, Nakagawa H, Raphael BJ, Rubin MA, Sander C, Stein LD, Stuart JM, Tsunoda T, Wheeler DA, Johnson R, Reimand J, Gerstein M, Khurana E, Campbell PJ, López-Bigas N; PCAWG Drivers and Functional Interpretation Working Group; PCAWG Structural Variation Working Group; Weischenfeldt J, Beroukhir M, Martincorena I, Pedersen JS, Getz G; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Analyses of non-coding somatic drivers in 2,658 cancer whole genomes; *Nature*; 2023
 14. PCAWG Transcriptome Core Group; Calabrese C, Davidson NR, Demircioğlu D, Fonseca NA, He Y, Kahles A, Lehmann KV, Liu F, Shiraishi Y, Soulette CM, Urban L, Greger L, Li S, Liu D, Perry MD, Xiang Q, Zhang F, Zhang J, Bailey P, Erkek S, Hoadley KA, Hou Y, Huska MR, Kilpinen H, Korbel JO, Marin MG,

- Markowski J, Nandi T, Pan-Hammarström Q, Pedamallu CS, Siebert R, Stark SG, Su H, Tan P, Waszak SM, Yung C, Zhu S, Awadalla P, Creighton CJ, Meyerson M, Ouellette BFF, Wu K, Yang H; PCAWG Transcriptome Working Group; Brazma A, Brooks AN, Göke J, Rätsch G, Schwarz RF, Stegle O, Zhang Z; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Genomic basis for RNA alterations in cancer; *Nature*; 2023
15. NIHR Global Health Research Unit on Global Surgery, GlobalSurg Collaborative.; Use of Telemedicine for Post-discharge Assessment of the Surgical Wound: International Cohort Study, and Systematic Review with Meta-analysis **Collaborator Ruzzenente A**; *Ann Surg*; 2022
 16. van der Heijde N, Görges B, Beane JD, Ratti F, Belli G, Benedetti Cacciaguerra A, Calise F, Cillo U, De Boer MT, Fagenson AM, Fretland ÅA, Gleeson EM, de Graaff MR, Kok NFM, Lassen K, van der Poel MJ, **Ruzzenente A**, Sutcliffe RP, Edwin B, Aldrighetti L, Pitt HA, Abu Hilal M, Besselink MG.; Transatlantic registries for minimally invasive liver surgery: towards harmonization; *Surg Endosc*; 2023
 17. Famularo S, Donadon M, Cipriani F, Fazio F, Ardito F, Iaria M, Perri P, Conci S, Dominioni T, Lai Q, La Barba G, Patauner S, Molfino S, Germani P, Zimmiti G, Pinotti E, Zanello M, Fumagalli L, Ferrari C, Romano M, Delvecchio A, Valsecchi MG, Antonucci A, Piscaglia F, Farinati F, Kawaguchi Y, Hasegawa K, Memeo R, Zanusi G, Griseri G, Chiarelli M, Jovine E, Zago M, Abu Hilal M, Tarchi P, Baiocchi GL, Frena A, Ercolani G, Rossi M, Maestri M, **Ruzzenente A**, Grazi GL, Dalla Valle R, Romano F, Giulianti F, Ferrero A, Aldrighetti L, Bernasconi DP, Torzilli G; HE.RC.O.I.E.S. Group.; Machine Learning Predictive Model to Guide Treatment Allocation for Recurrent Hepatocellular Carcinoma After Surgery; *JAMA Surg*; 2023
 18. De Bellis M, Mastrosimino MG, Conci S, Pecori S, Campagnaro T, Castelli C, Capelli P, Scarpa A, Guglielmi A, **Ruzzenente A**.; The Prognostic Role of True Radical Resection in Perihilar Cholangiocarcinoma after Improved Evaluation of Radial Margin Status; *Cancers (Basel)*; 2022
 19. Sijberden JP, Cipriani F, Lanari J, Russolillo N, Benedetti Cacciaguerra A, Osei-Bordom D, Conci S, Görges B, Primrose JN, Edwin B, López-Ben S, D'Hondt M, Rotellar F, Besselink MG, Dagher I, Giulianti F, Fuks D, Rozzini R, **Ruzzenente A**, Sutcliffe RP, Vivarelli M, Ferrero A, Cillo U, Aldrighetti LA, Abu Hilal M.; Minimally invasive ver-sus open liver resection for hepatocellular carcinoma in the elderly: international multicentre propensity score-matched study; *Br J Surg*; 2022
 20. Carlevaro-Fita J, Lanzós A, Feuerbach L, Hong C, Mas-Ponte D, Pedersen JS; PCAWG Drivers and Functional Interpretation Group; Johnson R; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Cancer lncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis; *Commun Biol*; 2022
 21. Rubanova Y, Shi R, Harrigan CF, Li R, Wintersinger J, Sahin N, Deshwar AG; PCAWG Evolution and Heterogeneity Working Group; Morris QD; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig; *Nat Commun*; 2022
 22. Sieverling L, Hong C, Koser SD, Ginsbach P, Kleinheinz K, Hutter B, Braun DM, Cortés-Ciriano I, Xi R, Kabbe R, Park PJ, Eils R, Schlesner M; PCAWG-Structural Variation Working Group; Brors B, Rippe K, Jones DTW, Feuerbach L; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Genomic footprints of activated telomere maintenance mechanisms in cancer; *Nat Commun*; 2022
 23. Shuai S; PCAWG Drivers and Functional Interpretation Working Group; Gallinger S, Stein LD; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Combined burden and functional impact tests for cancer driver discovery using DriverPower; *Nat Commun*; 2022
 24. Cmero M, Yuan K, Ong CS, Schröder J; PCAWG Evolution and Heterogeneity Working Group; Corcoran NM, Papenfuss T, Hovens CM, Markowitz F, Macintyre G; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Inferring structural variant cancer cell fraction; *Nat Commun*; 2022
 25. Jiao W, Atwal G, Polak P, Karlic R, Cuppen E; PCAWG Tumor Subtypes and Clinical Translation Working Group; Danyi A, de Ridder J, van Herpen C, Lolkema MP, Steeghs N, Getz G, Morris QD, Stein LD; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns; *Nat Commun*; 2022
 26. Paczkowska M, Barenboim J, Sintupisut N, Fox NS, Zhu H, Abd-Rabbo D, Mee MW, Boutros PC; PCAWG Drivers and Functional Interpretation Working Group; Reimand J; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Integrative pathway enrichment analysis of multivariate omics data; *Nat Commun*; 2022
 27. Zhang Y, Chen F, Fonseca NA, He Y, Fujita M, Nakagawa H, Zhang Z, Brazma A; PCAWG Transcriptome Working Group; PCAWG Structural Variation Working Group; Creighton CJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations; *Nat Commun*; 2022
 28. Bhandari V, Li CH, Bristow RG, Boutros PC; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Divergent mutational processes distinguish hypoxic and normoxic tumours; *Nat Commun*; 2022
 29. Reyna MA, Haan D, Paczkowska M, Verbeke LPC, Vazquez M, Kahraman A, Pulido-Tamayo S, Barenboim J, Wadi L, Dhingra P, Shrestha R, Getz G, Lawrence MS, Pedersen JS, Rubin MA, Wheeler DA, Brunak S, Izarzugaza JMG, Khurana E, Marchal K, von Mering C, Sahinalp SC, Valencia A; PCAWG Drivers and Functional Interpretation Working Group; Reimand J, Stuart JM, Raphael BJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Pathway and network analysis of more than 2500 whole cancer genomes; *Nat Commun*; 2022
 30. Endo Y, Alaimo L, Araujo Lima H, Tsilimigras DI, Hyer JM, Guglielmi A, **Ruzzenente A**, Alexandrescu S, Poultides G, Sasaki K, Aucejo F, Pawlik TM.; Simultaneous versus staged resection for synchronous colorectal liver metastases: The win ratio approach; *Am J Surg*; 2023
 31. Aizza G, Russolillo N, Ferrero A, Syn NL, Cipriani F, Aghayan D, Marino MV, Memeo R, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Vivarelli M, Di Benedetto F, Choi SH, Lee JH, Park JO, Gastaca M, Fondevila C, Efanov M, Rotellar F, Choi GH, Robles-Campos R, Wang X, Sutcliffe RP, Pratschke J, Tang CN, Chong CC, D'Hondt M, Yong CC, **Ruzzenente A**, Herman P, Kingham TP, Scatton O, Liu R, Levi Sandri GB, Soubrane O, Mejia A, Lopez-Ben S, Monden K, Wakabayashi G, Cherqui D, Troisi RI, Yin M, Giulianti F, Geller D, Sugioka A, Edwin B, Cheung TT, Long TCD, Hilal MA, Fuks D, Chen KH, Aldrighetti L, Han HS, Goh BKP; International Robotic and Laparoscopic Liver Resection study group investigators.; Impact of tumor size on the difficulty of laparoscopic left lateral sectionectomies; *J Hepatobiliary Pancreat Sci*; 2022
 32. Argentino G, Barbieri A, Beri R, Bason C, **Ruzzenente A**, Olivieri O, Tinazzi E, Puccetti A, Vitali C, Del Papa N, Friso S, Lunardi C.; Profibrotic Effects of Endothelin-1 on Fibroblasts Are Mediated by Aldosterone in Vitro: Relevance to the Pathogenesis and Therapy of Systemic Sclerosis and Pulmonary Arterial Hypertension; *Biomedicine*; 2022
 33. Turri G, Caliskan G, Conti C, Martinelli L, De Giulio E, **Ruzzenente A**, Guglielmi A, Verlato G, Pedrazzani C.; Impact of age and comorbidities on short- and long-term outcomes of patients undergoing surgery for colorectal cancer; *Front Oncol*; 2022
 34. Sposito C, Ratti F, Cucchetti A, Ardito F, **Ruzzenente A**, Di Sandro S, Maspero M, Ercolani G, Di Benedetto F, Guglielmi A, Giulianti F, Aldrighetti L, Mazzaferro V.; Survival benefit of adequate lymphadenectomy in patients undergoing liver resection for clinically node-negative intrahepatic cholangiocarcinoma; *J Hepatol*; 2023
 35. Alaimo L, Moazzam Z, Brown ZJ, Endo Y, **Ruzzenente A**, Guglielmi A, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Soubrane O, Koerkamp BG, Endo I, Pawlik TM.; ASO Visual Abstract: Application of Hazard Function to Investigate Recurrence of Intrahepatic Cholangiocarcinoma After Curative-Intent Liver Resection: A Novel Approach to Characterize Recurrence; *Ann Surg Oncol*; 2023
 36. Alaimo L, Endo Y, Lima HA, Moazzam Z, Shaikh CF, **Ruzzenente A**, Guglielmi A, Ratti F, Aldrighetti L, Marques HP, Cauchy F, Lam V, Poultides GA, Popescu I, Alexandrescu S, Martel G, Hugh T, Endo I, Pawlik TM.; A comprehensive preoperative predictive score for post-hepatectomy liver failure after hepatocellular carcinoma resection based on patient comorbidities, tumor burden, and liver function: the CTF score; *J Gastrointest Surg*; 2022

37. Alaimo L, Moazzam Z, Brown ZI, Endo Y, **Ruzzenente A**, Guglielmi A, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithel SK, Marques HP, Martel G, Pulitano C, Shen F, Soubrane O, Koerkamp BG, Endo I, Pawlik TM.; Application of Hazard Function to Investigate Recurrence of Intrahepatic Cholangiocarcinoma After Curative-Intent Liver Resection: A Novel Approach to Characterize Recurrence; *Ann Surg Oncol*;2023
38. **Ruzzenente A**, Alaimo L, Conci S, De Bellis M, Marchese A, Ciangherotti A, Campagnaro T, Guglielmi A.; Hyper accuracy three-dimensional (HA3D™) technology for planning complex liver resections: a preliminary single center experience; *Updates Surg*;2023
39. **Ruzzenente A**, Poletto E, Conci S, Campagnaro T, Valle BD, De Bellis M, Guglielmi A.; Factors Related to Textbook Outcome in Laparoscopic Liver Resections: a Single Western Centre Analysis; *J Gastrointest Surg*;2022
40. Görgec B, Cacciaguerra AB, Pawlik TM, Aldrighetti LA, Alseidi AA, Cillo U, Kokudo N, Geller DA, Wakabayashi G, Asbun HJ, Besselink MG, Cherqui D, Cheung TT, Clavien PA, Conrad C, D'Hondt M, Dagher I, Dervenis C, Devar J, Dixon E, Edwin B, Efanov M, Ettore GM, Ferrero A, Fondevilla C, Fuks D, Giuliani F, Han HS, Honda G, Imvitarza O, Kooby DA, Lodge P, Lopez-Ben S, Machado MA, Marques HP, O'Rourke N, Pekolj J, Pinna AD, Portolani N, Primrose J, Rotellar F, **Ruzzenente A**, Schadde E, Siriwardena AK, Smadi S, Soubrane O, Tanabe KK, Teh CSC, Torzilli G, Van Gulik TM, Vivarelli M, Wigmore SJ, Abu Hilal M.; An International Expert Delphi Consensus on Defining Textbook Outcome in Liver Surgery (TOLS); *Ann Surg*;2022
41. Reuter A, Rogge L, Monahan M, Kachapila M, Morton DG, Davies J, Vollmer S; NIHR Global Surgery Collaboration. **Collaborator Ruzzenente A**; Global economic burden of unmet surgical need for appendicitis; *Br J Surg*;2022
42. Choi SH, Chen KH, Syn NL, Cipriani F, Cheung TT, Chiow AKH, Choi GH, Siow TF, Sucandy I, Marino MV, Gastaca M, Chong CC, Lee JH, Ivanecz A, Mazzaferro V, Lopez-Ben S, Fondevilla C, Rotellar F, Campos RR, Efanov M, Kingham TP, Sutcliffe RP, Troisi RI, Pratschke J, Wang X, D'Hondt M, Yong CC, Levi Sandri GB, Tang CN, **Ruzzenente A**, Cherqui D, Ferrero A, Wakabayashi G, Scatton O, Aghayan D, Edwin B, Coelho FF, Giuliani F, Liu R, Sijberden J, Abu Hilal M, Sugioka A, Long TCD, Fuks D, Aldrighetti L, Han HS, Goh BKP; International robotic and laparoscopic liver resection study group investigators.; Utility of the Iwate difficulty scoring system for laparoscopic right posterior sectionectomy: do surgical outcomes differ for tumors in segments VI and VII?; *Surg Endosc*;2022
43. Perri G, Marchegiani G, Reich F, Casetti L, Fontana M, Esposito A, **Ruzzenente A**, Salvia R, Bassi C.; Intraoperative Blood Loss Estimation in Hepatopancreato-biliary Surgery- Relevant, Not Reported, Not Standardized: Results From a Systematic Review and a Worldwide Snapshot Survey; *Ann Surg*;2023
44. Goh BKP, Han HS, Chen KH, Chua DW, Chan CY, Cipriani F, Aghayan DL, Fretland AA, Sijberden J, D'Silva M, Siow TF, Kato Y, Lim C, Nghia PP, Herman P, Marino MV, Mazzaferro V, Chiow AKH, Sucandy I, Ivanecz A, Choi SH, Lee JH, Gastaca M, Vivarelli M, Giuliani F, **Ruzzenente A**, Yong CC, Yin M, Chen Z, Fondevilla C, Efanov M, Rotellar F, Choi GH, Campos RR, Wang X, Sutcliffe RP, Pratschke J, Lai E, Chong CC, D'Hondt M, Monden K, Lopez-Ben S, Coelho FF, Kingham TP, Liu R, Long TCD, Ferrero A, Sandri GBL, Saleh M, Cherqui D, Scatton O, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Sugioka A, Hilal MA, Fuks D, Edwin B, Aldrighetti L; International Robotic and Laparoscopic Liver Resection Study Group Investigators.; Defining Global Benchmarks for Laparoscopic Liver Resections: An International Multicenter Study; *Ann Surg*;2023
45. Conti C, Turri G, Gecchele G, Conci S, Zamboni GA, **Ruzzenente A**, Guglielmi A, Pedrazzani C.; Sarcobesity Index Predicts Poor Disease-Specific Survival After Resection for Colorectal Cancer; *J Surg Res*;2022
46. **Ruzzenente A**, Conci S, Isa G, Campagnaro T, Pedrazzani C, De Bellis M, Marchitelli I, Castelli C, Pecori S, Guglielmi A.; The Liver Sentinel Lymph-node (LISELY) study: A prospective intraoperative real time evaluation of liver lymphatic drainage and sentinel lymph-node using near-infrared (NIR) imaging with Indocyanine Green (ICG); *Eur J Surg Oncol*;2022
47. Fotopoulou C, Khan T, Bracinik J, Glasbey J, Abu-Rustum N, Chiva L, Fagotti A, Fujiwara K, Ghebrey R, Gutelkin M, Konney TO, Ng J, Pareja R, Kottayasamy Seenivasagam R, Sehouli J, Surappa STS, Bhangu A, Leung E, Sundar S; CovidSurg Gynecological Cancer Collaborators. **Collaborator Ruzzenente A**; Outcomes of gynecologic cancer surgery during the COVID-19 pandemic: an international, multicenter, prospective CovidSurg-Gynecologic Oncology Cancer study; *Am J Obstet Gynecol*;2022
48. Serenari M, Lenzi J, Cucchetti A, Cipriani F, Donadon M, Ardito F, Fazio F, Nicolini D, Iaria M, Famularo S, Perri P, Ansaloni L, Zanella M, Lai Q, Conci S, Molfino S, Ferrari C, Germani P, Zago M, Romano M, Zimmiti G, Antonucci A, Fumagalli L, Troci A, Ferraro V, Memeo R, Crespi M, Chiarelli M, Ercolani G, Hilal MA, Zanus G, Pinotti E, Tarchi P, Griseri G, Baiocchi GL, **Ruzzenente A**, Rossi M, Jovine E, Maestri M, Grazi GL, Romano F, Dalla Valle R, Ravaoli M, Vivarelli M, Ferrero A, Giuliani F, Torzilli G, Aldrighetti L, Cescon M; HE.RC.O.L.E.S. Group.; The Effect of a Liver Transplant Program on the Outcomes of Resectable Hepatocellular Carcinoma: A Nationwide Multicenter Analysis; *Ann Surg*;2023
49. **Ruzzenente A**, Alaimo L, Caputo M, Conci S, Campagnaro T, De Bellis M, Bagante F, Pedrazzani C, Guglielmi A.; Infectious complications after surgery for perihilar cholangiocarcinoma: A single Western center experience; *Surgery*;2022
50. **Ruzzenente A**, Bagante F, Poletto E, Campagnaro T, Conci S, De Bellis M, Pedrazzani C, Guglielmi A.; A machine learning analysis of difficulty scoring systems for laparoscopic liver surgery; *Surg Endosc*;2022
51. CHOLECOVID Collaborative. **Collaborator Ruzzenente A**; Global overview of the management of acute cholecystitis during the COVID-19 pandemic (CHOLECOVID study); *BJS Open*;2022
52. Mancarella S, Serino G, Coletta S, Armentano R, Daturi F, Ardito F, **Ruzzenente A**, Fabregat I, Giannelli G.; The Tumor Microenvironment Drives Intrahepatic Cholangiocarcinoma Progression; *Int J Mol Sci*;2022
53. Poletto E, **Ruzzenente A**, Turri G, Conci S, Ammendola S, Luchini C, Scarpa A, Guglielmi A.; Surgical treatment of ductal biliary recurrence of poorly cohesive gastric cancer mimicking primary biliary tract cancer: a case report; *J Surg Case Rep*;2022
54. Beleù A, Autelitano D, Geraci L, Aluffi G, Cardobi N, De Robertis R, Martone E, Conci S, **Ruzzenente A**, D'Onofrio M.; Radiofrequency ablation of hepatocellular carcinoma: CT texture analysis of the ablated area to predict local recurrence; *Eur J Radiol*;2022
55. Famularo S, Russolillo N, Donadon M, Cipriani F, Ardito F, Perri P, Giani A, De Stefano F, Lai Q, Molfino S, Zanella M, Iaria M, La Barba G, Pinotti E, Germani P, Conci S, Ferrari C, Fumagalli L, Romano M, Antonucci A, Zimmiti G, Troci A, Floridi A, Ferraro V, Patauner S, Frena A, Memeo R, Crespi M, Hilal MA, Zanus G, Chiarelli M, Percivale A, **Ruzzenente A**, Tarchi P, Zago M, Ercolani G, Dalla Valle R, Jovine E, Baiocchi GL, Rossi M, Maestri M, Romano F, Grazi GL, Giuliani F, Aldrighetti L, Ferrero A, Torzilli G; HE.RC.O.L.E.S. Group, HERCOLES GROUP Contributors.; Benchmarking postoperative outcomes after open liver surgery for cirrhotic patients with hepatocellular carcinoma in a national cohort; *HPB (Oxford)*;2022
56. COVIDSurg Collaborative. **Collaborator Ruzzenente A**; The impact of surgical delay on resectability of colorectal cancer: An international prospective cohort study; *Colorectal Dis*;2022
57. Méndez-Sánchez N, Bugianesi E, Gish RG, Lammert F, Tilg H, Nguyen MH, Sarin SK, Fabrellas N, Zelber-Sagi S, Fan JG, Shiha G, Targher G, Zheng MH, Chan WK, Vinker S, Kawaguchi T, Castera L, Yilmaz Y, Korenjak M, Spearman CW, Ungan M, Palmer M, El-Shabrawi M, Gruss HJ, Dufour JF, Hawan A, Wedemeyer H, George J, Valenti L, Fouad Y, Romero-Gomez M, Eslam M; Global multi-stakeholder consensus on the redefinition of fatty liver disease.; Global multi-stakeholder endorsement of the MAFLD definition **Collaborator Ruzzenente A**; *Lancet Gastroenterol Hepatol*;2022
58. STARSurg Collaborative and EuroSurg Collaborative. **Collaborator Ruzzenente A**; Validation of the OAKS prognostic model for acute kidney injury after gastrointestinal surgery; *BJS Open*;2022
59. Iaria M, Bianchi G, Fazio F, Ardito F, Perri P, Pontarolo N, Conci S, Donadon M, Zanella M, Lai Q, Famularo S, Molfino S, Sciannamea I, Fumagalli L, Germani P, Floridi A, Ferrari C, Zimmiti G, Troci A, Zago M, Ferraro V, Cipriani F, Patauner S, La Barba G, Romano M, Zanus G, Ercolani G, Frena A,

- Aldrighetti L, Memeo R, Pinotti E, Crespi M, Hilal MA, Griseri G, Tarchi P, Chiarelli M, Antonucci A, Baiocchi GL, Romano F, Rossi M, Jovine E, Torzilli G, **Ruzzenente A**, Maestri M, Grazi GL, Giuliani F, Ferrero A, Dalla Valle R; HE.RC.O.L.E.S. GROUP; The largest western experience on salvage hepatectomy for recurrent hepatocellular carcinoma: propensity score-matched analysis on behalf of He.RC.O.L.E.S. Study Group; HPB (Oxford); 2022
60. Famularo S, Donadon M, Cipriani F, Giuliani F, Ferri S, Celsa C, Ferrero A, Foschi FG, Baiocchi GL, Biasini E, Campani C, Valle RD, Pelizzaro F, Baroni GS, Raimondo G, Mega A, Chiarelli M, Maestri M, Gasbarrini A, Jovine E, Grazi GL, Rapaccini GL, **Ruzzenente A**, Morisco F, Sacco R, Memeo R, Crespi M, Antonucci A, Bernasconi DP, Romano F, Griseri G, Aldrighetti L, Torzilli G, Trevisani F; ITA.LI.CA Group and HE.RC.O.L.E.S. Group; Hepatectomy Versus Sorafenib in Advanced Nonmetastatic Hepatocellular Carcinoma: A Real-life Multicentric Weighted Comparison; Ann Surg; 2022
 61. Conci S, D'Onofrio M, Bianco A, Campagnaro T, Martone E, De Bellis M, Longo C, Dedoni S, Vittoria D'Addetta M, Ciangherotti A, Pedrazzani C, Dalbeni A, Campagnola P, Mansueto G, Guglielmi A, **Ruzzenente A**; Ablation Difficulty Score: Proposal of a new tool to predict success rate of percutaneous ablation for hepatocarcinoma; Eur J Radiol; 2022
 62. Simbolo M, Bersani S, Vicentini C, Taormina SV, Ciaparrone C, Bagante F, Rusev B, Centonze G, Montresor M, Brunelli M, Pedron S, Mafficini A, Paolino G, Mattiolo P, Conci S, Milione M, Guglielmi A, **Ruzzenente A**, Scarpa A, Luchini C; Molecular characterization of extrahepatic cholangiocarcinoma: perihilar and distal tumors display divergent genomic and transcriptomic profiles; Expert Opin Ther Targets; 2021
 63. STARSurg Collaborative and COVIDSurg Collaborative. **Collaborator Ruzzenente A**; Death following pulmonary complications of surgery before and during the SARS-CoV-2 pandemic; Br J Surg; 2021
 64. Benedetti Cacciaguerra A, Görges B, Lanari J, Cipriani F, Russolillo N, Mocchegiani F, Zimmiti G, Alseidi A, **Ruzzenente A**, Edwin B, D'Hondt M, Besselink MG, Giuliani F, Fuks D, Rotellar F, López-Ben S, Ferrero A, Aldrighetti L, Cillo U, Vivarelli M, Abu Hilal M; Outcome of major hepatectomy in cirrhotic patients; does surgical approach matter? A propensity score matched analysis; J Hepatobiliary Pancreat Sci; 2022
 65. Levi Sandri GB, Colasanti M, Aldrighetti L, Guglielmi A, Cillo U, Mazzaferro V, Dalla Valle R, De Carlis L, Gruttaduria S, Di Benedetto F, Ferrero A, Ettorre GM; I Go MILS Group on HCC. **Collaborator Ruzzenente A**; Correction to: Is minimally invasive liver surgery a reasonable option in recurrent HCC? A snapshot from the I Go MILS registry; Updates Surg; 2022
 66. COVIDSurg Collaborative. **Collaborator Ruzzenente A**; Effect of COVID-19 pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study; Lancet Oncol; 2021
 67. Levi Sandri GB, Colasanti M, Aldrighetti L, Guglielmi A, Cillo U, Mazzaferro V, Dalla Valle R, De Carlis L, Gruttaduria S, Di Benedetto F, Ferrero A, Ettorre GM; I Go MILS Group on HCC. **Collaborator Ruzzenente A**; Is minimally invasive liver surgery a reasonable option in recurrent HCC? A snapshot from the I Go MILS registry; Updates Surg; 2022
 68. Conti C, Pedrazzani C, Turri G, Gecchele G, Valdegamberi A, **Ruzzenente A**, Zamboni GA, Lippi G, Guglielmi A; Visceral obesity enhances inflammatory response after laparoscopic colorectal resection; Int J Clin Pract; 2021
 69. COVIDSurg Collaborative; GlobalSurg Collaborative. **Collaborator Ruzzenente A**; SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study; Anaesthesia; 2022
 70. COVIDSurg Collaborative; GlobalSurg Collaborative. **Collaborator Ruzzenente A**; Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study; Anaesthesia; 2021
 71. Mueller M, Breuer E, Mizuno T, Bartsch F, Ratti F, Benzing C, Ammar-Khodja N, Sugiura T, Takayashiki T, Hessheimer A, Kim HS, **Ruzzenente A**, Ahn KS, Wong T, Bednarsch J, D'Silva M, Koerkamp BG, Jeddou H, López-López V, de Ponthaud C, Yonkus JA, Ismail H, Nooijen LE, Hidalgo-Salinas C, Kontis E, Wagner KC, Gunasekaran G, Higuchi R, Gleisner A, Shwaartz C, Sapisochin G, Schulick RD, Yamamoto M, Noji T, Hirano S, Schwartz M, Oldhafer KJ, Prachalis A, Fusai GK, Erdmann JJ, Line PD, Smoot RL, Soubbrane O, Robles-Campos R, Boudjema K, Polak WG, Han HS, Neumann UP, Lo CM, Kang KJ, Guglielmi A, Park JS, Fondevila C, Ohtsuka M, Uesaka K, Adam R, Pratschke J, Aldrighetti L, De Oliveira ML, Gores GJ, Lang H, Nagino M, Clavien PA; Perihilar Cholangiocarcinoma - Novel Benchmark Values for Surgical and Oncological Outcomes From 24 Expert Centers; Ann Surg; 2021
 72. Conci S, Cipriani F, Donadon M, Marchitelli I, Ardito F, Famularo S, Perri P, Iaria M, Ansaloni L, Zanello M, La Barba G, Patauner S, Pinotti E, Molino S, Germani P, Romano M, Sciannamea I, Ferrari C, Manzoni A, Troci A, Fumagalli L, Delvecchio A, Floridi A, Memeo R, Chiarelli M, Crespi M, Zimmiti G, Griseri G, Antonucci A, Zanusi G, Tarchi P, Baiocchi GL, Zago M, Frena A, Ercolani G, Jovine E, Maestri M, Valle RD, Grazi GL, Romano F, Giuliani F, Torzilli G, Aldrighetti L, **Ruzzenente A**; He.RC.O.L.E.S. Group; Hepatectomy for Metabolic Associated Fatty Liver Disease (MAFLD) related HCC: Propensity case-matched analysis with viral- and alcohol-related HCC; Eur J Surg Oncol; 2022
 73. Conci S, Campagnaro T, Danese E, Lombardo E, Isa G, Vitali A, Marchitelli I, Bagante F, Pedrazzani C, De Bellis M, Ciangherotti A, Guglielmi A, Lippi G, **Ruzzenente A**; Role of Inflammatory and Immune-Nutritional Prognostic Markers in Patients Undergoing Surgical Resection for Biliary Tract Cancers; Cancers (Basel); 2021
 74. COVIDSurg Collaborative. **Collaborator Ruzzenente A**; Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDSurg mortality score; Br J Surg; 2021
 75. EuroSurg Collaborative. **Collaborator Ruzzenente A**; Timing of nasogastric tube insertion and the risk of postoperative pneumonia: an international, prospective cohort study; Colorectal Dis; 2020
 76. Görges B, Benedetti Cacciaguerra A, Lanari J, Russolillo N, Cipriani F, Aghayan D, Zimmiti G, Efanov M, Alseidi A, Mocchegiani F, Giuliani F, **Ruzzenente A**, Rotellar F, Fuks D, D'Hondt M, Vivarelli M, Edwin B, Aldrighetti LA, Ferrero A, Cillo U, Besselink MG, Abu Hilal M; Assessment of Textbook Outcome in Laparoscopic and Open Liver Surgery; JAMA Surg; 2021
 77. **Ruzzenente A**, Bagante F, Olthof PB, Aldrighetti L, Alikhanov R, Cescon M, Koerkamp BG, Jarnagin WR, Nadalin S, Pratschke J, Schmelzle M, Sparrelid E, Lang H, Iacono C, van Gulik TM, Guglielmi A; Perihilar Cholangiocarcinoma Collaboration Group; Surgery for Bismuth-Corlette Type 4 Perihilar Cholangiocarcinoma: Results from a Western Multicenter Collaborative Group; Ann Surg Oncol; 2021
 78. Cardobi N, Dal Palù A, Pedrini F, Beleù A, Nocini R, De Robertis R, **Ruzzenente A**, Salvia R, Montemezzi S, D'Onofrio M; An Overview of Artificial Intelligence Applications in Liver and Pancreatic Imaging; Cancers (Basel); 2021
 79. Conti C, Pedrazzani C, Turri G, Fernandes E, Lazzarini E, De Luca R, Valdegamberi A, **Ruzzenente A**, Guglielmi A; Comparison of Short-term Results after Laparoscopic Complete Mesocolic Excision and Standard Colectomy for Right-Sided Colon Cancer: Analysis of a Western Center Cohort; Ann Coloproctol; 2021
 80. Alaimo L, Bagante F, **Ruzzenente A**; The Role of Surgery in the Treatment of Bismuth-Corlette Type IV Perihilar Cholangiocarcinoma; Ann Surg Oncol; 2021
 81. **Ruzzenente A**, Ciangherotti A, Aldrighetti L, Ettorre GM, De Carlis L, Ferrero A, Dalla Valle R, Tisone G, Guglielmi A; IgoMILS - Sg1 Group; Technical feasibility and short-term outcomes of laparoscopic isolated caudate lobe resection: an IgoMILS (Italian Group of Minimally Invasive Liver Surgery) registry-based study; Surg Endosc; 2022
 82. COVIDSurg Collaborative, GlobalSurg Collaborative. **Collaborator Ruzzenente A**; SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study; Br J Surg; 2021
 83. Famularo S, Donadon M, Cipriani F, Ardito F, Iaria M, Carissimi F, Perri P, Dominioni T, Zanello M, Conci S, Molino S, D'Acapito F, Germani P, Ferrari C, Patauner S, Pinotti E, Sciannamea I, Garatti M, Lodo E, Troci A, Delvecchio A, Floridi A, Bernasconi DP, Fumagalli L, Chiarelli M, Memeo R, Crespi M,

- Zanus G, Zimmiti G, Antonucci A, Zago M, Frena A, Griseri G, Tarchi P, Ercolani G, Baiocchi GL, **Ruzzenente A**, Jovine E, Maestri M, Grazi G, Valle RD, Giulianti F, Aldrighetti L, Romano F, Torzilli G; HE.RC.O.I.E.S. Group.;The Impact of Postoperative Ascites on Survival After Surgery for Hepatocellular Carcinoma: a National Study;J Gastrointest Surg;2021
84. COVIDSurg Collaborative; GlobalSurg Collaborative. **Collaborator Ruzzenente A**;Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study;Anaesthesia;2021
85. COVIDSurg Collaborative. **Collaborator Ruzzenente A**;Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic;Br J Surg;2021
86. Udali S, De Santis D, Mazzi F, Moruzzi S, **Ruzzenente A**, Castagna A, Pattini P, Beschini G, Franceschi A, Guglielmi A, Martinelli N, Pizzolo F, Ambrosani F, Olivieri O, Choi SW, Friso S.;Trace Elements Status and Metallothioneins DNA Methylation Influence Human Hepatocellular Carcinoma Survival Rate;Front Oncol;2021
87. Giuliani J, Fiorica F, Ponturo G, Azzurro M, **Ruzzenente A**, Bonetti A.;Dose-escalation strategy in refractory metastatic colorectal cancer: A change in terms of cost-effectiveness;J Oncol Pharm Pract;2021
88. Tsilimigras DI, Hyer JM, Bagante F, Guglielmi A, **Ruzzenente A**, Alexandrescu S, Poultides G, Sasaki K, Aucejo F, Pawlik TM.;Resection of Colorectal Liver Metastasis: Prognostic Impact of Tumor Burden vs KRAS Mutational Status;J Am Coll Surg;2021
89. Giani A, Cipriani F, Famularo S, Donadon M, Bernasconi DP, Ardito F, Fazio F, Nicolini D, Perri P, Giuffrida M, Pontarolo N, Zanello M, Lai Q, Conci S, Molino S, Germani P, Pinotti E, Romano M, La Barba G, Ferrari C, Patauner S, Manzoni A, Sciannone I, Fumagalli L, Troci A, Ferraro V, Floridi A, Memeo R, Crespi M, Chiarelli M, Antonucci A, Zimmiti G, Frena A, Percivale A, Ercolani G, Zanus G, Zago M, Tarchi P, Baiocchi GL, **Ruzzenente A**, Rossi M, Jovine E, Maestri M, Dalla Valle R, Grazi G, Vivarelli M, Ferrero A, Giulianti F, Torzilli G, Aldrighetti L, Gianotti L, Romano F, Ciulli C, Braga M, Ratti F, Costa G, Razonale F, Russolillo N, Marinelli L, De Peppo V, Cremaschi E, Calabrese F, Larghi Laureiro Z, Lazzari G, Cosola D, Montuori M, Salvador L, Cucchetti A, Franceschi A, Ciola M, Segal V, Calcagno P, Pennacchi L, Tedeschi M.;Performance of Comprehensive Complication Index and Clavien-Dindo Complication Scoring System in Liver Surgery for Hepatocellular Carcinoma;Cancers (Basel);2020
90. Turri G, Pedrazzani C, Malerba G, Gecchele G, Conti C, **Ruzzenente A**, Lippi G, Randon F, Piccoli P, Gandini G, Girelli D, Guglielmi A.;Effect of peri-operative blood transfusions on long-term prognosis of patients with colorectal cancer;Blood Transfus;2022
91. GlobalSurg Collaborative. **Collaborator Ruzzenente A**;Surgical site infection after gastrointestinal surgery in children: an international, multicentre, prospective cohort study;BMJ Glob Health;2020
92. Bailey MH, Meyerson WU, Dursi LJ, Wang LB, Dong G, Liang WW, Weerasinghe A, Li S, Li Y, Kelso S; MC3 Working Group; PCAWG novel somatic mutation calling methods working group; Saksena G, Ellrott K, Wendl MC, Wheeler DA, Getz G, Simpson JT, Gerstein MB, Ding L; PCAWG Consortium. **Collaborator Ruzzenente A**;Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples;Nat Commun;2020
93. COVIDSurg Collaborative. **Collaborator Ruzzenente A**;Outcomes from elective colorectal cancer surgery during the SARS-CoV-2 pandemic;Colorectal Dis;2020
94. Famularo S, Donadon M, Cipriani F, Bernasconi DP, LaBarba G, Dominioni T, Iaria M, Molino S, Conci S, Ferrari C, Garatti M, Delvecchio A, Troci A, Patauner S, Frassani S, Cosimelli M, Zanus G, Giulianti F, Jovine E, Valsecchi MG, Grazi G, Antonucci A, Frena A, Crespi M, Memeo R, Zimmiti G, Griseri G, **Ruzzenente A**, Baiocchi G, DallaValle R, Maestri M, Ercolani G, Aldrighetti L, Torzilli G, Romano F; HE.RC.O.I.E.S. Group.;Curative versus palliative treatments for recurrent hepatocellular carcinoma: a multicentric weighted comparison;HPB (Oxford);2021
95. Glasbey JC, Nepogodiev D, Simoes JFF, Omar O, Li E, Venn ML, Pgdme, Abou Chaar MK, Capizzi V, Chaudhry D, Desai A, Edwards JG, Evans JP, Fiore M, Videria JF, Ford SJ, Ganly I, Griffiths EA, Gujjuri RR, Kolias AG, Kaafarani HMA, Minaya-Bravo A, McKay SC, Mohan HM, Roberts KJ, San Miguel-Méndez C, Pockney P, Shaw R, Smart NJ, Stewart GD, Sundar Mrcog S, Vidy R, Bhangu AA; COVIDSurg Collaborative. **Collaborator Ruzzenente A**;Elective Cancer Surgery in COVID-19-Free Surgical Pathways During the SARS-CoV-2 Pandemic: An International, Multicenter, Comparative Cohort Study;J Clin Oncol;2021
96. COVIDSurg Collaborative. **Collaborator Ruzzenente A**;Delaying surgery for patients with a previous SARS-CoV-2 infection;Br J Surg;2020
97. Bailey MH, Meyerson WU, Dursi LJ, Wang LB, Dong G, Liang WW, Weerasinghe A, Li S, Li Y, Kelso S; MC3 Working Group; PCAWG novel somatic mutation calling methods working group; Saksena G, Ellrott K, Wendl MC, Wheeler DA, Getz G, Simpson JT, Gerstein MB, Ding L; PCAWG Consortium. **Collaborator Ruzzenente A**;Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples;Nat Commun;2020
98. De Bellis M, Girelli D, **Ruzzenente A**, Bagante F, Ziello R, Campagnaro T, Conci S, Nifosi F, Guglielmi A, Iacono C.;Pancreatic resections in patients who refuse blood transfusions. The application of a perioperative protocol for a true bloodless surgery;Pancreatol;2020
99. Marletta S, Cavallo E, Ammendola S, Stefanizzi L, Mastroianni MG, D'Onofrio M, Brunelli M, Calio A, Pecori S, Dalbeni A, **Ruzzenente A**, Capelli P.;Multifocal Hepatic Angiosarcoma with Atypical Presentation: Case Report and Literature Review;J Gastrointest Cancer;2021
100. Li CH, Prokopec SD, Sun RX, Yousif F, Schmitz N; PCAWG Tumour Subtypes and Clinical Translation; Boutros PC; PCAWG Consortium. **Collaborator Ruzzenente A**;Sex differences in oncogenic mutational processes;Nat Commun;2020
101. Paredes AZ, Hyer JM, Tsilimigras DI, Moro A, Bagante F, Guglielmi A, **Ruzzenente A**, Alexandrescu S, Makris EA, Poultides GA, Sasaki K, Aucejo FN, Pawlik TM.;A Novel Machine-Learning Approach to Predict Recurrence After Resection of Colorectal Liver Metastases;Ann Surg Oncol;2020
102. COVIDSurg Collaborative. **Collaborator Ruzzenente A**;Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study;Lancet;2020
103. Aldrighetti L, Boggi U, Falconi M, Giulianti F, Cipriani F, Ratti F, Torzilli G; Italian Association of HepatoBilioPancreatic Surgeons-AICEP.;Perspectives from Italy during the COVID-19 pandemic: nationwide survey-based focus on minimally invasive HPB surgery;Updates Surg;2020
104. Conci S, Viganò L, Ercolani G, Gonzalez E, **Ruzzenente A**, Isa G, Salaris C, Fontana A, Bagante F, Pedrazzani C, Campagnaro T, Iacono C, De Santibanes E, Pinna DA, Torzilli G, Guglielmi A.;Outcomes of vascular resection associated with curative intent hepatectomy for intrahepatic cholangiocarcinoma;Eur J Surg Oncol;2020
105. Iacono C, De Bellis M, **Ruzzenente A**, Campagnaro T, Conci S, Guglielmi A.;Hepatopancreatoduodenectomy for Multifocal Cholangiocarcinoma in the Setting of Biliary Papillomatosis;Ann Surg Oncol;2020
106. Famularo S, Donadon M, Cipriani F, Ardito F, Carissimi F, Perri P, Iaria M, Dominioni T, Zanello M, Conci S, Molino S, LaBarba G, Ferrari C, Germani P, Patauner S, Pinotti E, Lodo E, Garatti M, Sciannone I, Troci A, Conticchio M, Floridi A, Chiarelli M, Fumagalli L, Memeo R, Crespi M, Antonucci A, Zimmiti G, Zanus G, Zago M, Frena A, Tarchi P, Griseri G, Ercolani G, Baiocchi GL, **Ruzzenente A**, Jovine E, Maestri M, DallaValle R, Grazi GL, Giulianti F, Aldrighetti L, Torzilli G, Romano F; HE.RC.O.I.E.S. Group.;Hepatocellular carcinoma surgical and oncological trends in a national multicentric population: the HERCOLES experience;Updates Surg;2020
107. PCAWG Transcriptome Core Group; Calabrese C, Davidson NR, Demircioğlu D, Fonseca NA, He Y, Kahles A, Lehmann KV, Liu F, Shiraishi Y, Soulette CM, Urban L, Greger L, Li S, Liu D, Perry MD, Xiang Q, Zhang F, Zhang J, Bailey P, Erkek S, Hoadley KA, Hou Y, Huska MR, Kilpinen H, Korbel JO, Marin MG, Markowski J, Nandi T, Pan-Hammarström Q, Pedamallu CS, Siebert R, Stark SG, Su H, Tan P, Waszak SM, Yung C, Zhu S, Awadalla P, Creighton CJ,

- Meyerson M, Ouellette BFF, Wu K, Yang H; PCAWG Transcriptome Working Group; Brazma A, Brooks AN, Göke J, Rättsch G, Schwarz RF, Stegle O, Zhang Z; PCAWG Consortium. **Collaborator Ruzzenente A**; Genomic basis for RNA alterations in cancer; Nature; 2020
108. Alexandrov LB, Kim J, Haradhvala NJ, Huang MN, Tian Ng AW, Wu Y, Boot A, Covington KR, Gordenin DA, Bergstrom EN, Islam SMA, Lopez-Bigas N, Klimczak LJ, McPherson JR, Morganello S, Sabarinathan R, Wheeler DA, Mustonen V; PCAWG Mutational Signatures Working Group; Getz G, Rozen SG, Stratton MR; PCAWG Consortium. **Collaborator Ruzzenente A**; The repertoire of mutational signatures in human cancer; Nature; 2020
 109. Rheinbay E, Nielsen MM, Abascal F, Wala JA, Shapira O, Tiao G, Hornshøj H, Hess JM, Juul RI, Lin Z, Feuerbach L, Sabarinathan R, Madsen T, Kim J, Mularoni L, Shuai S, Lanzós A, Herrmann C, Maruvka YE, Shen C, Amin SB, Bandopadhyay P, Bertl J, Boroevich KA, Busanovich J, Carlevaro-Fita J, Chakravarty D, Chan CWY, Craft D, Dhingra P, Diamanti K, Fonseca NA, Gonzalez-Perez A, Guo Q, Hamilton MP, Haradhvala NJ, Hong C, Isaev K, Johnson TA, Juul M, Kahles A, Kahraman A, Kim Y, Komorowski J, Kumar K, Kumar S, Lee D, Lehmann KV, Li Y, Liu EM, Lochovsky L, Park K, Pich O, Roberts ND, Saksena G, Schumacher SE, Sidiropoulos N, Sieverling L, Sinnott-Armstrong N, Stewart C, Tamborero D, Tubio JMC, Umer HM, Uusküla-Reimand L, Wadelius C, Wadi L, Yao X, Zhang CZ, Zhang J, Haber JE, Hobolth A, Imielinski M, Kellis M, Lawrence MS, von Mering C, Nakagawa H, Raphael BJ, Rubin MA, Sander C, Stein LD, Stuart JM, Tsunoda T, Wheeler DA, Johnson R, Reimand J, Gerstein M, Khurana E, Campbell PJ, López-Bigas N; PCAWG Drivers and Functional Interpretation Working Group; PCAWG Structural Variation Working Group; Weischenfeldt J, Beroukhim R, Martincorena I, Pedersen JS, Getz G; PCAWG Consortium. **Collaborator Ruzzenente A**; Analyses of non-coding somatic drivers in 2,658 cancer whole genomes; Nature; 2020
 110. Gerstung M, Jolly C, Leshchiner I, Dentro SC, Gonzalez S, Rosebrock D, Mitchell TJ, Rubanova Y, Anur P, Yu K, Tarabichi M, Deshwar A, Wintersinger J, Kleinheinz K, Vázquez-García I, Haase K, Jernan L, Sengupta S, Macintyre G, Malikic S, Donmez N, Livitz DG, Cmero M, Demeulemeester J, Schumacher S, Fan Y, Yao X, Lee J, Schlesner M, Boutros PC, Bowtell DD, Zhu H, Getz G, Imielinski M, Beroukhim R, Sahinalp SC, Ji Y, Peifer M, Markowitz F, Mustonen V, Yuan K, Wang W, Morris QD; PCAWG Evolution & Heterogeneity Working Group; Spellman PT, Wedge DC, Van Loo P; PCAWG Consortium. **Collaborator Ruzzenente A**; The evolutionary history of 2,658 cancers; Nature; 2020
 111. Li Y, Roberts ND, Wala JA, Shapira O, Schumacher SE, Kumar K, Khurana E, Waszak S, Korbel JO, Haber JE, Imielinski M; PCAWG Structural Variation Working Group; Weischenfeldt J, Beroukhim R, Campbell PJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Patterns of somatic structural variation in human cancer genomes; Nature; 2020
 112. ICGC/TCGA Pan-Cancer Analysis of Whole Genomes Consortium. **Collaborator Ruzzenente A**; Pan-cancer analysis of whole genomes; Nature; 2020
 113. Cortés-Ciriano I, Lee JJ, Xi R, Jain D, Jung YL, Yang L, Gordenin D, Klimczak LJ, Zhang CZ, Pellman DS; PCAWG Structural Variation Working Group; Park PJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing; Nat Genet; 2020
 114. Zapotnik M, Borozan I, Brewer DS, Iskar M, Grundhoff A, Alawi M, Desai N, Sültmann H, Moch H; PCAWG Pathogens; Cooper CS, Eils R, Ferretti V, Lichter P; PCAWG Consortium. **Collaborator Ruzzenente A**; The landscape of viral associations in human cancers; Nat Genet; 2020
 115. Akdemir KC, Le VT, Chandran S, Li Y, Verhaak RG, Beroukhim R, Campbell PJ, Chin L, Dixon JR, Futreal PA; PCAWG Structural Variation Working Group; PCAWG Consortium. **Collaborator Ruzzenente A**; Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer; Nat Genet; 2020
 116. Rodriguez-Martin B, Alvarez EG, Baez-Ortega A, Zamora J, Supek F, Demeulemeester J, Santamarina M, Ju YS, Temes J, Garcia-Souto D, Detering H, Li Y, Rodriguez-Castro J, Dueso-Barroso A, Bruzos AL, Dentro SC, Blanco MG, Contino G, Ardeljan D, Tojo M, Roberts ND, Zumalave S, Edwards PA, Weischenfeldt J, Puiggròs M, Chong Z, Chen K, Lee EA, Wala JA, Raine KM, Butler A, Waszak SM, Navarro FCP, Schumacher SE, Monlong J, Maura F, Bolli N, Bourque G, Gerstein M, Park PJ, Wedge DC, Beroukhim R, Torrents D, Korbel JO, Martincorena I, Fitzgerald RC, Van Loo P, Kazanian HH, Burns KH; PCAWG Structural Variation Working Group; Campbell PJ, Tubio JMC; PCAWG Consortium. **Collaborator Ruzzenente A**; Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition; Nat Genet; 2020
 117. Yuan Y, Ju YS, Kim Y, Li J, Wang Y, Yoon CJ, Yang Y, Martincorena I, Creighton CJ, Weinstein JN, Xu Y, Han L, Kim HL, Nakagawa H, Park K, Campbell PJ, Liang H; PCAWG Consortium. **Collaborator Ruzzenente A**; Comprehensive molecular characterization of mitochondrial genomes in human cancers; Nat Genet; 2020
 118. Carlevaro-Fita J, Lanzós A, Feuerbach L, Hong C, Mas-Ponte D, Pedersen JS; PCAWG Drivers and Functional Interpretation Group; Johnson R; PCAWG Consortium. **Collaborator Ruzzenente A**; Cancer lncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis; Commun Biol; 2020
 119. Yakneen S, Waszak SM; PCAWG Technical Working Group; Gertz M, Korbel JO; PCAWG Consortium. **Collaborator Ruzzenente A**; Butler enables rapid cloud-based analysis of thousands of human genomes; Nat Biotechnol; 2020
 120. Reyna MA, Haan D, Paczkowska M, Verbeke LPC, Vazquez M, Kahraman A, Pulido-Tamayo S, Barenboim J, Wadi L, Dhingra P, Shrestha R, Getz G, Lawrence MS, Pedersen JS, Rubin MA, Wheeler DA, Brunak S, Izarzugaza JMG, Khurana E, Marchal K, von Mering C, Sahinalp SC, Valencia A; PCAWG Drivers and Functional Interpretation Working Group; Reimand J, Stuart JM, Raphael BJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Pathway and network analysis of more than 2500 whole cancer genomes; Nat Commun; 2020
 121. Jiao W, Atwal G, Polak P, Karlic R, Cuppen E; PCAWG Tumor Subtypes and Clinical Translation Working Group; Danyi A, de Ridder J, van Herpen C, Lolkema MP, Steeghs N, Getz G, Morris QD, Stein LD; PCAWG Consortium. **Collaborator Ruzzenente A**; A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns; Nat Commun; 2020
 122. Paczkowska M, Barenboim J, Sintupisut N, Fox NS, Zhu H, Abd-Rabbo D, Mee MW, Boutros PC; PCAWG Drivers and Functional Interpretation Working Group; Reimand J; PCAWG Consortium. **Collaborator Ruzzenente A**; Integrative pathway enrichment analysis of multivariate omics data; Nat Commun; 2020
 123. Cmero M, Yuan K, Ong CS, Schröder J; PCAWG Evolution and Heterogeneity Working Group; Corcoran NM, Papenfuss T, Hovens CM, Markowitz F, Macintyre G; PCAWG Consortium. **Collaborator Ruzzenente A**; Inferring structural variant cancer cell fraction; Nat Commun; 2020
 124. Rubanova Y, Shi R, Harrigan CF, Li R, Wintersinger J, Sahin N, Deshwar AG; PCAWG Evolution and Heterogeneity Working Group; Morris QD; PCAWG Consortium. **Collaborator Ruzzenente A**; Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig; Nat Commun; 2020
 125. Zhang Y, Chen F, Fonseca NA, He Y, Fujita M, Nakagawa H, Zhang Z, Brazma A; PCAWG Transcriptome Working Group; PCAWG Structural Variation Working Group; Creighton CJ; PCAWG Consortium. **Collaborator Ruzzenente A**; High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations; Nat Commun; 2020
 126. Bhandari V, Li CH, Bristow RG, Boutros PC; PCAWG Consortium. **Collaborator Ruzzenente A**; Divergent mutational processes distinguish hypoxic and normoxic tumours; Nat Commun; 2020
 127. Shuai S; PCAWG Drivers and Functional Interpretation Working Group; Gallinger S, Stein LD; PCAWG Consortium. **Collaborator Ruzzenente A**; Combined burden and functional impact tests for cancer driver discovery using DriverPower; Nat Commun; 2020

128. Sieverling L, Hong C, Koser SD, Ginsbach P, Kleinheinz K, Hutter B, Braun DM, Cortés-Ciriano I, Xi R, Kabbe R, Park PJ, Eils R, Schlesner M; PCAWG-Structural Variation Working Group; Brors B, Rippe K, Jones DTW, Feuerbach L; PCAWG Consortium. **Collaborator Ruzzenente A**; Genomic footprints of activated telomere maintenance mechanisms in cancer; Nat Commun; 2020
129. EuroSurg Collaborative. **Collaborator Ruzzenente A**; Safety of hospital discharge before return of bowel function after elective colorectal surgery; Br J Surg; 2020
130. Pedrazzani C, Tripepi M, Turri G, Fernandes E, Scotton G, Conci S, Campagnaro T, **Ruzzenente A**, Guglielmi A.; Prognostic value of red cell distribution width (RDW) in colorectal cancer. Results from a single-center cohort on 591 patients; Sci Rep; 2020
131. Russolillo N, Aldrighetti L, Cillo U, Guglielmi A, Ettorre GM, Giuliani F, Mazzaferro V, Dalla Valle R, De Carlis L, Jovine E, Ferrero A; I Go MILS Group.; Risk-adjusted benchmarks in laparoscopic liver surgery in a national cohort; Br J Surg; 2020
132. GlobalSurg Collaborative. **Collaborator Ruzzenente A**; Global variation in anastomosis and end colostomy formation following left-sided colorectal resection; BJS Open; 2019
133. Bhangu A; RIFT Study Group on behalf of the West Midlands Research Collaborative. **Collaborator Ruzzenente A**; Evaluation of appendicitis risk prediction models in adults with suspected appendicitis; Br J Surg; 2020
134. EuroSurg Collaborative. **Collaborator Ruzzenente A**; Safety and efficacy of non-steroidal anti-inflammatory drugs to reduce ileus after colorectal surgery; Br J Surg; 2020
135. Bagante F, **Ruzzenente A**, Conci S, Rusev BC, Simbolo M, Campagnaro T, Pawlik TM, Luchini C, Iacono C, Scarpa A, Guglielmi A.; Patterns of gene mutations in bile duct cancers: is it time to overcome the anatomical classification?; HPB (Oxford); 2019
136. Pedrazzani C, Turri G, Mantovani G, Conti C, Ziello R, Conci S, Campagnaro T, **Ruzzenente A**, Guglielmi A.; Prognostic value of thrombocytosis in patients undergoing surgery for colorectal cancer with synchronous liver metastases; Clin Transl Oncol; 2019
137. **Ruzzenente A**, De Angelis M, Conci S, Campagnaro T, Isa G, Bagante F, Ciangherotti A, Pedrazzani C, Capelli P, Iacono C, Guglielmi A.; The albumin-bilirubin score stratifies the outcomes of Child-Pugh class A patients after resection of hepatocellular carcinoma; Transl Cancer Res; 2019
138. **Ruzzenente A**, Conci S, Viganò L, Ercolani G, Manfreda S, Bagante F, Ciangherotti A, Pedrazzani C, Pinna AD, Iacono C, Torzilli G, Guglielmi A.; Role of Lymph Node Dissection in Small (≤ 3 cm) Intrahepatic Cholangiocarcinoma; J Gastrointest Surg; 2019
139. **Ruzzenente A**, Bagante F, Ratti F, Beal EW, Alexandrescu S, Merath K, Makris EA, Poultides GA, Margonis GA, Weiss MJ, Popescu I, Aldrighetti L, Guglielmi A, Pawlik TM.; Response to preoperative chemotherapy: impact of change in total burden score and mutational tumor status on prognosis of patients undergoing resection for colorectal liver metastases; HPB (Oxford); 2019
140. Bagante F, **Ruzzenente A**, Beal EW, Campagnaro T, Merath K, Conci S, Akgül O, Alexandrescu S, Marques HP, Lam V, Shen F, Poultides GA, Soubrane O, Martel G, Iacono C, Guglielmi A, Pawlik TM.; Complications after liver surgery: a benchmark analysis; HPB (Oxford); 2019
141. GlobalSurg Collaborative. **Collaborator Ruzzenente A**; Pooled analysis of WHO Surgical Safety Checklist use and mortality after emergency laparotomy; Br J Surg; 2019
142. Danese E, **Ruzzenente A**, Montagnana M, Lievens PM.; Current and future roles of mucins in cholangiocarcinoma-recent evidences for a possible interplay with bile acids; Ann Transl Med; 2018
143. Pedrazzani C, Secci F, Fernandes E, Jelovskis I, Turri G, Conti C, **Ruzzenente A**, Guglielmi A.; Early ileostomy reversal after minimally invasive surgery and ERAS program for mid and low rectal cancer; Updates Surg; 2019
144. **Ruzzenente A**, Bagante F, Bertuzzo F, Aldrighetti L, Campagnaro T, Ercolani G, Conci S, Giuliani F, Dore A, Ferrero A, Torzilli G, Grazi GL, Ratti F, Cucchetti A, De Rose AM, Russolillo N, Cimino M, Perri P, Guglielmi A, Iacono C.; Liver Resection for Neuroendocrine Tumor Liver Metastases Within Milan Criteria for Liver Transplantation; J Gastrointest Surg; 2019
145. Levi Sandri GB, Ettorre GM, Aldrighetti L, Cillo U, Dalla Valle R, Guglielmi A, Mazzaferro V, Ferrero A, Di Benedetto F, Gruttadauria S, De Carlis L, Vennarecci G; I Go MILS Group on HCC.; Laparoscopic liver resection of hepatocellular carcinoma located in unfavorable segments: a propensity score-matched analysis from the I Go MILS (Italian Group of Minimally Invasive Liver Surgery) Registry **Collaborator Ruzzenente A**; Surg Endosc; 2019
146. Pedrazzani C, Conti C, Mantovani G, Fernandes E, Turri G, Lazzarini E, Menestrina N, **Ruzzenente A**, Guglielmi A.; Laparoscopic colorectal surgery and Enhanced Recovery After Surgery (ERAS) program: Experience with 200 cases from a single Italian center; Medicine (Baltimore); 2018
147. Conci S, **Ruzzenente A**, Bertuzzo F, Campagnaro T, Guglielmi A, Iacono C.; Total Dorsal Pancreatectomy, an Alternative to Total Pancreatectomy: Report of a New Case and Literature Review; Dig Surg; 2019
148. GlobalSurg Collaborative. **Collaborator Ruzzenente A**; Surgical site infection after gastrointestinal surgery in high-income, middle-income, and low-income countries: a prospective, international, multicentre cohort study; Lancet Infect Dis; 2018
149. Udali S, De Santis D, **Ruzzenente A**, Moruzzi S, Mazzi F, Beschini G, Tammen SA, Campagnaro T, Pattini P, Olivieri O, Guglielmi A, Choi SW, Friso S.; DNA Methylation and Hydroxymethylation in Primary Colon Cancer and Synchronous Hepatic Metastasis; Front Genet; 2018
150. Wardell CP, Fujita M, Yamada T, Simbolo M, Fassan M, Karlic R, Polak P, Kim J, Hatanaka Y, Maejima K, Lawlor RT, Nakanishi Y, Mitsuhashi T, Fujimoto A, Furuta M, **Ruzzenente A**, Conci S, Oosawa A, Sasaki-Oku A, Nakano K, Tanaka H, Yamamoto Y, Michiaki K, Kawakami Y, Aikata H, Ueno M, Hayami S, Gotoh K, Ariizumi SI, Yamamoto M, Yamaue H, Chayama K, Miyano S, Getz G, Scarpa A, Hirano S, Nakamura T, Nakagawa H.; Genomic characterization of biliary tract cancers identifies driver genes and predisposing mutations; J Hepatol; 2018
151. Udali S, Castagna A, Corbella M, **Ruzzenente A**, Moruzzi S, Mazzi F, Campagnaro T, De Santis D, Franceschi A, Pattini P, Gottardo R, Olivieri O, Perbellini L, Guglielmi A, Choi SW, Girelli D, Friso S.; Hepcidin and DNA promoter methylation in hepatocellular carcinoma; Eur J Clin Invest; 2018
152. Moruzzi S, Guarini P, Udali S, **Ruzzenente A**, Guglielmi A, Conci S, Pattini P, Martinelli N, Olivieri O, Tammen SA, Choi SW, Friso S.; One-carbon genetic variants and the role of MTHFD1 1958G>A in liver and colon cancer risk according to global DNA methylation; PLoS One; 2017
153. Reames BN, Bagante F, Ejaz A, Spolverato G, **Ruzzenente A**, Weiss M, Alexandrescu S, Marques HP, Aldrighetti L, Maitheil SK, Pulitano C, Bauer TW, Shen F, Poultides GA, Soubrane O, Martel G, Koerkamp BG, Guglielmi A, Itaru E, Pawlik TM.; Impact of adjuvant chemotherapy on survival in patients with intrahepatic cholangiocarcinoma: a multi-institutional analysis; HPB (Oxford); 2017
154. **Ruzzenente A**, Conci S, Ciangherotti A, Campagnaro T, Valdegamberi A, Bertuzzo F, Bagante F, Mantovani G, De Angelis M, Dorna AE, Piccino M, Pedrazzani C, Guglielmi A, Iacono C.; Impact of age on short-term outcomes of liver surgery: Lessons learned in 10-years' experience in a tertiary referral hepato-pancreato-biliary center; Medicine (Baltimore); 2017
155. D'Onofrio M, Cingarlini S, Ortolani S, Crosara S, De Robertis R, Vallerio P, Grego E, Ciaravino V, **Ruzzenente A**, Landoni L, Scarpa A, Bassi C, Tortora G.; Perfusion CT Changes in Liver Metastases from Pancreatic Neuroendocrine Tumors During Everolimus Treatment; Anticancer Res; 2017
156. Pedrazzani C, Mantovani G, Salvagno GL, Baldiotti E, **Ruzzenente A**, Iacono C, Lippi G, Guglielmi A.; Elevated fibrinogen plasma level is not an independent predictor of poor prognosis in a large cohort of Western patients undergoing surgery for colorectal cancer; World J Gastroenterol; 2016
157. Moruzzi S, Udali S, **Ruzzenente A**, Guglielmi A, Guarini P, Martinelli N, Conci S, Mazzi F, Pattini P, Tammen SA, Olivieri O, Pizzolo F, Choi SW, Friso S.; The RFC1 80G>A, among Common One-Carbon Polymorphisms, Relates to Survival Rate According to DNA Global Methylation in Primary Liver Cancers; PLoS One; 2016

158. Sasaki K, Morioka D, Conci S, Margonis GA, Sawada Y, **Ruzzenente A**, Kumamoto T, Iacono C, Andreatos N, Guglielmi A, Endo I, Pawlik TM.;The Tumor Burden Score: A New "Metro-ticket" Prognostic Tool For Colorectal Liver Metastases Based on Tumor Size and Number of Tumors;Ann Surg;2018
159. **Ruzzenente A**, Bagante F, Bertuzzo F, Aldrighetti L, Ercolani G, Giulianti F, Ferrero A, Torzilli G, Grazi GL, Ratti F, Cucchetti A, De Rose AM, Russolillo N, Cimino M, Perri P, Cataldo I, Scarpa A, Guglielmi A, Iacono C.;A Novel Nomogram to Predict the Prognosis of Patients Undergoing Liver Resection for Neuroendocrine Liver Metastasis: an Analysis of the Italian Neuroendocrine Liver Metastasis Database;J Gastrointest Surg;2017
160. Bagante F, Spolverato G, **Ruzzenente A**, Wilson A, Gani F, Conci S, Yahanda A, Campagnaro T, Guglielmi A, Pawlik TM.;Validation of a Nomogram to Predict the Risk of Perioperative Blood Transfusion for Liver Resection;World J Surg;2016
161. Bagante F, Tran T, Spolverato G, **Ruzzenente A**, Buttner S, Ethun CG, Groot Koerkamp B, Conci S, Idrees K, Isom CA, Fields RC, Krasnick B, Weber SM, Salem A, Martin RC, Scoggins C, Shen P, Mogal HD, Schmidt C, Beal E, Hatzaras I, Vitiello G, Uzzersmans JN, Maithel SK, Poultides G, Guglielmi A, Pawlik TM.;Perihilar Cholangiocarcinoma: Number of Nodes Examined and Optimal Lymph Node Prognostic Scheme;J Am Coll Surg;2016
162. Conci S, De Bellis M, **Ruzzenente A**, Capelli P, D'Onofrio M, Iacono C, Guglielmi A.;Totally intrabiliary colorectal liver metastasis mimicking intraductal growth-type cholangiocarcinoma;Updates Surg;2016
163. Bagante F, Spolverato G, Cucchetti A, Gani F, Popescu I, **Ruzzenente A**, Marques HP, Aldrighetti L, Gamblin TC, Maithel SK, Sandroussi C, Bauer TW, Shen F, Poultides G, Marsh JW, Guglielmi A, Pawlik TM.;Defining when to offer operative treatment for intrahepatic cholangiocarcinoma: A regret-based decision curves analysis;Surgery;2016
164. Bailey P, Chang DK, Nones K, Johns AL, Patch AM, Gingras MC, Miller DK, Christ AN, Bruxner TJ, Quinn MC, Nourse C, Murtaugh LC, Harliwong I, Idrisoglu S, Manning S, Nourbakhsh E, Wani S, Fink L, Holmes O, Chin V, Anderson MJ, Kazakoff S, Leonard C, Newell F, Waddell N, Wood S, Xu Q, Wilson PJ, Cloonan N, Kassahn KS, Taylor D, Quek K, Robertson A, Pantano L, Mincarelli L, Sanchez LN, Evers L, Wu J, Pinese M, Cowley MJ, Jones MD, Colvin EK, Nagrial AM, Humphrey ES, Chantrill LA, Mawson A, Humphris J, Chou A, Pajic M, Scarlett CJ, Pinho AV, Giry-Laterriere M, Rooman I, Samra JS, Kench JG, Lovell JA, Merrett ND, Toon CW, Epari K, Nguyen NQ, Barbour A, Zeps N, Moran-Jones K, Jamieson NB, Graham JS, Duthie F, Oien K, Hair J, Grützmann R, Maitra A, Iacobuzio-Donahue CA, Wolfgang CL, Morgan RA, Lawlor RT, Corbo V, Bassi C, Rusev B, Capelli P, Salvia R, Tortora G, Mukhopadhyay D, Petersen GM; Australian Pancreatic Cancer Genome Initiative; Munzy DM, Fisher WE, Karim SA, Eshleman JR, Hruban RH, Pilarsky C, Morton JP, Sansom OJ, Scarpa A, Musgrove EA, Bailey UM, Hofmann O, Sutherland RL, Wheeler DA, Gill AJ, Gibbs RA, Pearson JV, et al. **Collaborator Ruzzenente A**;Genomic analyses identify molecular subtypes of pancreatic cancer;Nature;2016
165. Andrici J, Goepfert B, Sioson L, Clarkson A, Renner M, Stenzinger A, Tayao M, Watson N, Farzin M, Toon CW, Smith RC, Mittal A, Samra JS, Hugh TJ, Chou A, Lawlor RT, Weichert W, Schirmacher P, Sperandio N, **Ruzzenente A**, Scarpa A, Gill AJ.;Loss of BAP1 Expression Occurs Frequently in Intrahepatic Cholangiocarcinoma;Medicine (Baltimore);2016
166. Iacono C, Zicari M, Conci S, Valdegamberi A, De Angelis M, Pedrazzani C, **Ruzzenente A**, Guglielmi A.;Management of pancreatic trauma: A pancreatic surgeon's point of view;Pancreatolgy;2016
167. Simbolo M, Fassan M, Mafficini A, Lawlor RT, **Ruzzenente A**, Scarpa A.;New genomic landscapes and therapeutic targets for biliary tract cancers;Front Biosci (Landmark Ed);2016
168. Udali S, Moruzzi S, **Ruzzenente A**, Choi SW, Friso S.;Reply;Hepatology;2016
169. **Ruzzenente A**, Conci S, Valdegamberi A, Pedrazzani C, Guglielmi A.;Role of surgery in the treatment of intrahepatic cholangiocarcinoma;Eur Rev Med Pharmacol Sci;2015
170. De Robertis R, Tinazzi Martini P, Demozzi E, Puntel G, Ortolani S, Cingarlini S, **Ruzzenente A**, Guglielmi A, Tortora G, Bassi C, Pederzoli P, D'Onofrio M.;Prognostication and response assessment in liver and pancreatic tumors: The new imaging;World J Gastroenterol;2015
171. Udali S, Guarini P, **Ruzzenente A**, Ferrarini A, Guglielmi A, Lotto V, Tononi P, Pattini P, Moruzzi S, Campagnaro T, Conci S, Olivieri O, Corrocher R, Delledonne M, Choi SW, Friso S.;DNA methylation and gene expression profiles show novel regulatory pathways in hepatocellular carcinoma;Clin Epigenetics;2015
172. Udali S, Guarini P, Moruzzi S, **Ruzzenente A**, Tammen SA, Guglielmi A, Conci S, Pattini P, Olivieri O, Corrocher R, Choi SW, Friso S.;Global DNA methylation and hydroxymethylation differ in hepatocellular carcinoma and cholangiocarcinoma and relate to survival rate;Hepatology;2015
173. Pedrazzani C, Lauka L, Sforza S, **Ruzzenente A**, Nifosi F, Delaini G, Guglielmi A.;Management of nodal disease from colon cancer in the laparoscopic era;Int J Colorectal Dis;2015
174. Iacono C, **Ruzzenente A**, Bortolasi L, Guglielmi A.;Central pancreatectomy: the Dagradi Serio Iacono operation. Evolution of a surgical technique from the pioneers to the robotic approach;World J Gastroenterol;2014
175. Danese E, Ruzzenente O, **Ruzzenente A**, Iacono C, Bertuzzo F, Gelati M, Conci S, Bendinelli S, Bonizzato G, Guglielmi A, Salvagno GL, Lippi G, Guidi GC.;Assessment of bile and serum mucin5AC in cholangiocarcinoma: diagnostic performance and biologic significance;Surgery;2014
176. Guglielmi A, **Ruzzenente A**, Conci S, Valdegamberi A, Vitali M, Bertuzzo F, De Angelis M, Mantovani G, Iacono C.;Hepatocellular carcinoma: surgical perspectives beyond the barcelona clinic liver cancer recommendations;World J Gastroenterol;2014
177. Pedrazzani C, Moro M, Ghezzi G, **Ruzzenente A**, Delaini G, Guglielmi A.;What should we intend for minimally invasive treatment of colorectal cancer?;Surg Oncol;2014
178. D'Onofrio M, De Robertis R, **Ruzzenente A**, Mantovani W, Puntel G, Crosara S, Canestrini S, Guglielmi A, Mucelli RP.;Time-to-peak values can estimate hepatic functional reserve in patients undergoing surgical resection: a comparison between perfusion CT and indocyanine green retention test;J Comput Assist Tomogr;2014
179. Luchini C, Capelli P, Fassan M, Simbolo M, Mafficini A, Pedica F, **Ruzzenente A**, Guglielmi A, Corbo V, Scarpa A.;Next-generation histopathologic diagnosis: a lesson from a hepatic carcinosarcoma;J Clin Oncol;2014
180. **Ruzzenente A**, Iacono C, Conci S, Bertuzzo F, Salvagno G, Ruzzenente O, Campagnaro T, Valdegamberi A, Pachera S, Bagante F, Guglielmi A.;A novel serum marker for biliary tract cancer: diagnostic and prognostic values of quantitative evaluation of serum mucin 5AC (MUC5AC);Surgery;2014
181. Guglielmi A, **Ruzzenente A**, Valdegamberi A, Bagante F, Conci S, Pinna AD, Ercolani G, Giulianti F, Capussotti L, Aldrighetti L, Iacono C.;Hepatolithiasis-associated cholangiocarcinoma: results from a multi-institutional national database on a case series of 23 patients;Eur J Surg Oncol;2014
182. Pedica F, **Ruzzenente A**, Bagante F, Capelli P, Cataldo I, Pedron S, Iacono C, Chilosio M, Scarpa A, Brunelli M, Tomezzoli A, Martignoni G, Guglielmi A.;A re-emerging marker for prognosis in hepatocellular carcinoma: the add-value of fishing c-myc gene for early relapse;PLoS One;2013
183. Iacono C, Verlati G, **Ruzzenente A**, Campagnaro T, Bacchelli C, Valdegamberi A, Bortolasi L, Guglielmi A.;Systematic review of central pancreatectomy and meta-analysis of central versus distal pancreatectomy;Br J Surg;2013
184. Iacono C, **Ruzzenente A**, Campagnaro T, Bortolasi L, Valdegamberi A, Guglielmi A.;Role of preoperative biliary drainage in jaundiced patients who are candidates for pancreatoduodenectomy or hepatic resection: highlights and drawbacks;Ann Surg;2013
185. Guglielmi A, **Ruzzenente A**, Conci S, Valdegamberi A, Iacono C.;How much remnant is enough in liver resection?;Dig Surg;2012
186. **Ruzzenente A**, Valdegamberi A, Campagnaro T, Conci S, Pachera S, Iacono C, Guglielmi A.;Hepatocellular carcinoma in cirrhotic patients with portal

hypertension: is liver resection always contraindicated?;World J Gastroenterol;2011

187. **Ruzzenente A**, Guglielmi A, Sandri M, Campagnaro T, Valdegamberi A, Conci S, Bagante F, Turcato G, D'Onofrio M, Iacono C.;Surgical resection versus local ablation for HCC on cirrhosis: results from a propensity case-matched study;J Gastrointest Surg;2012
188. Guglielmi A, **Ruzzenente A**, Pachera S, Valdegamberi A, Sandri M, D'Onofrio M, Iacono C.;Comparison of seven staging systems in cirrhotic patients with hepatocellular carcinoma in a cohort of patients who underwent radiofrequency ablation with complete response;Am J Gastroenterol;2008
189. Iacono C, Bortolasi L, Facci E, Nifosi F, Pachera S, **Ruzzenente A**, Guglielmi A.;The Dagradi-Serio-Iacono operation central pancreatectomy;J Gastrointest Surg;2007
190. Pedrazzani C, Veraldi GF, Tasselli S, Tomasi I, Bernini M, Giacomuzzi S, **Ruzzenente A**, Guglielmi A, de Manzoni G.;Surgical treatment of gastric cancer with coexistent abdominal aortic aneurysm. Personal experience and literature review;Hepatogastroenterology;2006
191. Veraldi GF, De Manzoni G, Tasselli S, Minicozzi A, **Ruzzenente A**, Pacca R, Firpo M.;Iatrogenic axillary artery injury from humeral neck fracture repair. A rare and unusual event in which and aggressive strategy was mandatory to save a child limb;Chir Ital;2006
192. Borzellino G, **Ruzzenente A**, Minicozzi AM, Giovinazzo F, Pedrazzani C, Guglielmi A.;Laparoscopic hepatic resection;Surg Endosc;2006
193. Pedrazzani C, Laterza E, Pasini F, Grandinetti A, Bernini M, Giacomuzzi S, Zerman G, Tasselli S, **Ruzzenente A**, De Manzoni G.;[Long-term results of neoadjuvant radiochemotherapy in squamous carcinoma of the thoracic esophagus];Minerva Chir;2005
194. Guglielmi A, Fior F, Halmos O, Veraldi GF, Rossaro L, **Ruzzenente A**, Cordiano C.;Transhepatic fibrinolysis of mesenteric and portal vein thrombosis in a patient with ulcerative colitis: a case report;World J Gastroenterol;2005
195. Pedrazzani C, Catalano F, Festini M, Zerman G, Tomezzoli A, **Ruzzenente A**, Guglielmi A, de Manzoni G.;Endoscopic ablation of Barrett's esophagus using high power setting argon plasma coagulation: a prospective study;World J Gastroenterol;2005
196. de Manzoni G, Catalano F, Festini M, Lombardo F, Kind R, Rodella L, **Ruzzenente A**, Zerman G, Valloncini E.;[Esophageal non-variceal hemorrhage: a clinical and epidemiological study];G Chir;2002
197. Marini O, Costa S, Bevilacqua D, Calzetti F, Tamassia N, Spina C, De Sabata D, Tinazzi E, Lunardi C, Scupoli MT, Cavallini C, Zoratti E, Tinazzi I, Marchetta A, Vassanelli A, Cantini M, Gandini G, **Ruzzenente A**, Guglielmi A, Missale F, Vermi W, Tecchio C, Cassatella MA, Scapini P.;Mature CD10(+) and immature CD10(-) neutrophils present in G-CSF-treated donors display opposite effects on T cells;Blood;2017
198. Pedrazzani C, Mantovani G, Salvagno GL, Baldiotti E, **Ruzzenente A**, Iacono C, Lippi G, Guglielmi A.;Elevated fibrinogen plasma level is not an independent predictor of poor prognosis in a large cohort of Western patients undergoing surgery for colorectal cancer;World J Gastroenterol;2016
199. Moruzzi S, Udali S, **Ruzzenente A**, Guglielmi A, Guarini P, Martinelli N, Conci S, Mazzi F, Pattini P, Tammen SA, Olivieri O, Pizzolo F, Choi SW, Friso S.;The RFC1 80G>A, among Common One-Carbon Polymorphisms, Relates to Survival Rate According to DNA Global Methylation in Primary Liver Cancers;PLoS One;2016
200. Cingarlini S, Ortolani S, Salgarello M, Butturini G, Malpaga A, Malfatti V, D'Onofrio M, Davi MV, Vallerio P, **Ruzzenente A**, Capelli P, Citton E, Grego E, Trentin C, De Robertis R, Scarpa A, Bassi C, Tortora G.;Role of Combined 68Ga-DOTATOC and 18F-FDG Positron Emission Tomography/Computed Tomography in the Diagnostic Workup of Pancreas Neuroendocrine Tumors: Implications for Managing Surgical Decisions;Pancreas;2017
201. Sasaki K, Morioka D, Conci S, Margonis GA, Sawada Y, **Ruzzenente A**, Kumamoto T, Iacono C, Andreatos N, Guglielmi A, Endo I, Pawlik TM.;The Tumor Burden Score: A New "Metro-ticket" Prognostic Tool For Colorectal Liver Metastases Based on Tumor Size and Number of Tumors;Ann Surg;2018
202. **Ruzzenente A**, Bagante F, Bertuzzo F, Aldrighetti L, Ercolani G, Giulianti F, Ferrero A, Torzilli G, Grazi GL, Ratti F, Cucchetti A, De Rose AM, Russolillo N, Cimino M, Perri P, Cataldo I, Scarpa A, Guglielmi A, Iacono C.;A Novel Nomogram to Predict the Prognosis of Patients Undergoing Liver Resection for Neuroendocrine Liver Metastasis: an Analysis of the Italian Neuroendocrine Liver Metastasis Database;J Gastrointest Surg;2017
203. Bagante F, Spolverato G, **Ruzzenente A**, Wilson A, Gani F, Conci S, Yahanda A, Campagnaro T, Guglielmi A, Pawlik TM.;Validation of a Nomogram to Predict the Risk of Perioperative Blood Transfusion for Liver Resection;World J Surg;2016
204. Bagante F, Tran T, Spolverato G, **Ruzzenente A**, Buttner S, Ethun CG, Groot Koerkamp B, Conci S, Idrees K, Isom CA, Fields RC, Krasnick B, Weber SM, Salem A, Martin RC, Scoggins C, Shen P, Mogal HD, Schmidt C, Beal E, Hatzaras I, Vitiello G, Uzzermans JN, Maithe SK, Poultides G, Guglielmi A, Pawlik TM.;Perihilar Cholangiocarcinoma: Number of Nodes Examined and Optimal Lymph Node Prognostic Scheme;J Am Coll Surg;2016
205. Conci S, De Bellis M, **Ruzzenente A**, Capelli P, D'Onofrio M, Iacono C, Guglielmi A.;Totally intrabiliary colorectal liver metastasis mimicking intraductal growth-type cholangiocarcinoma;Updates Surg;2016
206. Bagante F, Spolverato G, Cucchetti A, Gani F, Popescu I, **Ruzzenente A**, Marques HP, Aldrighetti L, Gamblin TC, Maithe SK, Sandroussi C, Bauer TW, Shen F, Poultides GA, Marsh JW, Guglielmi A, Pawlik TM.;Defining when to offer operative treatment for intrahepatic cholangiocarcinoma: A regret-based decision curves analysis;Surgery;2016
207. Bailey P, Chang DK, Nones K, Johns AL, Patch AM, Gingras MC, Miller DK, Christ AN, Bruxner TJ, Quinn MC, Nourse C, Murtaugh LC, Harliwong I, Idrisoglu S, Manning S, Nourbakhsh E, Wani S, Fink L, Holmes O, Chin V, Anderson MJ, Kazakoff S, Leonard C, Newell F, Waddell N, Wood S, Xu Q, Wilson PJ, Cloonan N, Kassahn KS, Taylor D, Quek K, Robertson A, Pantano L, Mincarelli L, Sanchez LN, Evers L, Wu J, Pinese M, Cowley MJ, Jones MD, Colvin EK, Nagrial AM, Humphrey ES, Chantrill LA, Mawson A, Humphris J, Chou A, Pajic M, Scarlett CJ, Pinho AV, Giry-Laterriere M, Rooman I, Samra JS, Kench JG, Lovell JA, Merrett ND, Toon CW, Epari K, Nguyen NQ, Barbour A, Zeps N, Moran-Jones K, Jamieson NB, Graham JS, Duthie F, Oien K, Hair J, Grützmann R, Maitra A, Iacobuzio-Donahue CA, Wolfgang CL, Morgan RA, Lawlor RT, Corbo V, Bassi C, Rusev B, Capelli P, Salvia R, Tortora G, Mukhopadhyay D, Petersen GM; Australian Pancreatic Cancer Genome Initiative; Munzy DM, Fisher WE, Karim SA, Eshleman JR, Hruban RH, Pilarsky C, Morton JP, Sansom OJ, Scarpa A, Musgrove EA, Bailey UM, Hofmann O, Sutherland RL, Wheeler DA, Gill AJ, Gibbs RA, Pearson JV, et al. **Collaborator Ruzzenente A**;Genomic analyses identify molecular subtypes of pancreatic cancer;Nature;2016
208. Andrici J, Goepfert B, Sioson L, Clarkson A, Renner M, Stenzinger A, Tayao M, Watson N, Farzin M, Toon CW, Smith RC, Mittal A, Samra JS, Hugh TJ, Chou A, Lawlor RT, Weichert W, Schirmacher P, Sperandio N, **Ruzzenente A**, Scarpa A, Gill AJ.;Loss of BAP1 Expression Occurs Frequently in Intrahepatic Cholangiocarcinoma;Medicine (Baltimore);2016
209. Iacono C, Zicari M, Conci S, Valdegamberi A, De Angelis M, Pedrazzani C, **Ruzzenente A**, Guglielmi A.;Management of pancreatic trauma: A pancreatic surgeon's point of view;Pancreatol;2016
210. **Ruzzenente A**, Fassan M, Conci S, Simbolo M, Lawlor RT, Pedrazzani C, Capelli P, D'Onofrio M, Iacono C, Scarpa A, Guglielmi A.;Cholangiocarcinoma Heterogeneity Revealed by Multigene Mutational Profiling: Clinical and Prognostic Relevance in Surgically Resected Patients;Ann Surg Oncol;2016
211. Simbolo M, Fassan M, Mafficini A, Lawlor RT, **Ruzzenente A**, Scarpa A.;New genomic landscapes and therapeutic targets for biliary tract cancers;Front Biosci (Landmark Ed);2016
212. Udali S, Moruzzi S, **Ruzzenente A**, Choi SW, Friso S.;Reply;Hepatology;2016
213. **Ruzzenente A**, Conci S, Valdegamberi A, Pedrazzani C, Guglielmi A.;Role of surgery in the treatment of intrahepatic cholangiocarcinoma;Eur Rev Med Pharmacol Sci;2015

214. Ercolani G, Dazzi A, Giovinnazzo F, **Ruzzenente A**, Bassi C, Guglielmi A, Scarpa A, D'Errico A, Pinna AD.; Intrahepatic, peri-hilar and distal cholangiocarcinoma: Three different locations of the same tumor or three different tumors?; *Eur J Surg Oncol*; 2015
215. De Robertis R, Tinazzi Martini P, Demozzi E, Puntel G, Ortolani S, Cingarlini S, **Ruzzenente A**, Guglielmi A, Tortora G, Bassi C, Pederzoli P, D'Onofrio M.; Prognostication and response assessment in liver and pancreatic tumors: The new imaging; *World J Gastroenterol*; 2015
216. Udali S, Guarini P, **Ruzzenente A**, Ferrarini A, Guglielmi A, Lotto V, Tononi P, Pattini P, Moruzzi S, Campagnaro T, Conci S, Olivieri O, Corrocher R, Delledonne M, Choi SW, Friso S.; DNA methylation and gene expression profiles show novel regulatory pathways in hepatocellular carcinoma; *Clin Epigenetics*; 2015
217. Udali S, Guarini P, Moruzzi S, **Ruzzenente A**, Tammen SA, Guglielmi A, Conci S, Pattini P, Olivieri O, Corrocher R, Choi SW, Friso S.; Global DNA methylation and hydroxymethylation differ in hepatocellular carcinoma and cholangiocarcinoma and relate to survival rate; *Hepatology*; 2015
218. Pedrazzani C, Lauka L, Sforza S, **Ruzzenente A**, Nifosi F, Delaini G, Guglielmi A.; Management of nodal disease from colon cancer in the laparoscopic era; *Int J Colorectal Dis*; 2015
219. Iacono C, **Ruzzenente A**, Bortolasi L, Guglielmi A.; Central pancreatectomy: the Dagradi Serio Iacono operation. Evolution of a surgical technique from the pioneers to the robotic approach; *World J Gastroenterol*; 2014
220. Iacono C, **Ruzzenente A**, Conci S, Xillo L, Guglielmi A.; Head dorsal pancreatectomy: an alternative to the pancreaticoduodenectomy for not enucleable benign or low-grade malignant lesions; *Pancreatol*; 2014
221. Danese E, Ruzzenente O, **Ruzzenente A**, Iacono C, Bertuzzo F, Gelati M, Conci S, Bendinelli S, Bonizzato G, Guglielmi A, Salvagno GL, Lippi G, Guidi GC.; Assessment of bile and serum mucin5AC in cholangiocarcinoma: diagnostic performance and biologic significance; *Surgery*; 2014
222. Guglielmi A, **Ruzzenente A**, Conci S, Valdegamberi A, Vitali M, Bertuzzo F, De Angelis M, Mantovani G, Iacono C.; Hepatocellular carcinoma: surgical perspectives beyond the barcelona clinic liver cancer recommendations; *World J Gastroenterol*; 2014
223. Pedrazzani C, Moro M, Ghezzi G, **Ruzzenente A**, Delaini G, Guglielmi A.; What should we intend for minimally invasive treatment of colorectal cancer?; *Surg Oncol*; 2014
224. Simbolo M, Fassan M, **Ruzzenente A**, Mafficini A, Wood LD, Corbo V, Melisi D, Malleo G, Vicentini C, Malpeli G, Antonello D, Sperandio N, Capelli P, Tomezzoli A, Iacono C, Lawlor RT, Bassi C, Hruban RH, Guglielmi A, Tortora G, de Braud F, Scarpa A.; Multigene mutational profiling of cholangiocarcinomas identifies actionable molecular subgroups; *Oncotarget*; 2014
225. D'Onofrio M, De Robertis R, **Ruzzenente A**, Mantovani W, Puntel G, Crosara S, Canestrini S, Guglielmi A, Mucelli RP.; Time-to-peak values can estimate hepatic functional reserve in patients undergoing surgical resection: a comparison between perfusion CT and indocyanine green retention test; *J Comput Assist Tomogr*; 2014
226. Guglielmi A, **Ruzzenente A**, Bertuzzo F, Iacono C.; Assessment of nodal status for perihilar cholangiocarcinoma location, number, or ratio of involved nodes; *Hepatobiliary Surg Nutr*; 2013
227. Luchini C, Capelli P, Fassan M, Simbolo M, Mafficini A, Pedica F, **Ruzzenente A**, Guglielmi A, Corbo V, Scarpa A.; Next-generation histopathologic diagnosis: a lesson from a hepatic carcinosarcoma; *J Clin Oncol*; 2014
228. **Ruzzenente A**, Iacono C, Conci S, Bertuzzo F, Salvagno G, Ruzzenente O, Campagnaro T, Valdegamberi A, Pachera S, Bagante F, Guglielmi A.; A novel serum marker for biliary tract cancer: diagnostic and prognostic values of quantitative evaluation of serum mucin 5AC (MUC5AC); *Surgery*; 2014
229. Guglielmi A, **Ruzzenente A**, Valdegamberi A, Bagante F, Conci S, Pinna AD, Ercolani G, Giulianti F, Capussotti L, Aldrighetti L, Iacono C.; Hepatolithiasis-associated cholangiocarcinoma: results from a multi-institutional national database on a case series of 23 patients; *Eur J Surg Oncol*; 2014
230. Jiao Y, Pawlik TM, Anders RA, Selaru FM, Streppel MM, Lucas DJ, Niknafs N, Guthrie VB, Maitra A, Argani P, Offerhaus GJA, Roa JC, Roberts LR, Gores GJ, Popescu I, Alexandrescu ST, Dima S, Fassan M, Simbolo M, Mafficini A, Capelli P, Lawlor RT, **Ruzzenente A**, Guglielmi A, Tortora G, de Braud F, Scarpa A, Jarnagin W, Klimstra D, Karchin R, Velculescu VE, Hruban RH, Vogelstein B, Kinzler KW, Papadopoulos N, Wood LD.; Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas; *Nat Genet*; 2013
231. Guglielmi A, **Ruzzenente A**, Campagnaro T, Valdegamberi A, Bagante F, Bertuzzo F, Conci S, Iacono C.; Patterns and prognostic significance of lymph node dissection for surgical treatment of perihilar and intrahepatic cholangiocarcinoma; *J Gastrointest Surg*; 2013
232. Pedica F, **Ruzzenente A**, Bagante F, Capelli P, Cataldo I, Pedron S, Iacono C, Chilosì M, Scarpa A, Brunelli M, Tomezzoli A, Martignoni G, Guglielmi A.; A re-emerging marker for prognosis in hepatocellular carcinoma: the add-value of fishing c-myc gene for early relapse; *PLoS One*; 2013
233. Iacono C, Verlato G, **Ruzzenente A**, Campagnaro T, Bacchelli C, Valdegamberi A, Bortolasi L, Guglielmi A.; Systematic review of central pancreatectomy and meta-analysis of central versus distal pancreatectomy; *Br J Surg*; 2013
234. **Ruzzenente A**, Conci S, Iacono C, Valdegamberi A, Campagnaro T, Bertuzzo F, Bagante F, De Angelis M, Guglielmi A.; Usefulness of contrast-enhanced intraoperative ultrasonography (CE-IIOUS) in patients with colorectal liver metastases after preoperative chemotherapy; *J Gastrointest Surg*; 2013
235. Iacono C, **Ruzzenente A**, Campagnaro T, Bortolasi L, Valdegamberi A, Guglielmi A.; Role of preoperative biliary drainage in jaundiced patients who are candidates for pancreaticoduodenectomy or hepatic resection: highlights and drawbacks; *Ann Surg*; 2013
236. Giulianti F, Ardito F, Pinna AD, Sarno G, Giulini SM, Ercolani G, Portolani N, Torzilli G, Donadon M, Aldrighetti L, Pulitanò C, Guglielmi A, **Ruzzenente A**, Capussotti L, Ferrero A, Calise F, Scuderi V, Federico B, Nuzzo G.; Liver resection for hepatocellular carcinoma ≤3 cm: results of an Italian multicenter study on 588 patients; *J Am Coll Surg*; 2012
237. Guglielmi A, **Ruzzenente A**, Conci S, Valdegamberi A, Iacono C.; How much remnant is enough in liver resection?; *Dig Surg*; 2012
238. Nuzzo G, Giulianti F, Ardito F, Giovannini I, Aldrighetti L, Belli G, Bresadola F, Calise F, Dalla Valle R, D'Amico DF, Gennari L, Giulini SM, Guglielmi A, Jovine E, Pellicci R, Pernthaler H, Pinna AD, Puleo S, Torzilli G, Capussotti L; Italian Chapter of the International Hepato-Pancreato-Biliary Association; Cillo U, Ercolani G, Ferrucci M, Mastrangelo L, Portolani N, Pulitanò C, Ribero D, **Ruzzenente A**, Scuderi V, Federico B.; Improvement in perioperative and long-term outcome after surgical treatment of hilar cholangiocarcinoma: results of an Italian multicenter analysis of 440 patients; *Arch Surg*; 2012
239. **Ruzzenente A**, Valdegamberi A, Campagnaro T, Conci S, Pachera S, Iacono C, Guglielmi A.; Hepatocellular carcinoma in cirrhotic patients with portal hypertension: is liver resection always contraindicated?; *World J Gastroenterol*; 2011
240. **Ruzzenente A**, Guglielmi A, Sandri M, Campagnaro T, Valdegamberi A, Conci S, Bagante F, Turcato G, D'Onofrio M, Iacono C.; Surgical resection versus local ablation for HCC on cirrhosis: results from a propensity case-matched study; *J Gastrointest Surg*; 2012
241. Guglielmi A, **Ruzzenente A**, Campagnaro T, Pachera S, Conci S, Valdegamberi A, Sandri M, Iacono C.; Prognostic significance of lymph node ratio after resection of peri-hilar cholangiocarcinoma; *HPB (Oxford)*; 2011
242. Guglielmi A, **Ruzzenente A**, Campagnaro T, Pachera S, Valdegamberi A, Capelli P, Pedica F, Nicoli P, Conci S, Iacono C.; Does intrahepatic cholangiocarcinoma have better prognosis compared to perihilar cholangiocarcinoma?; *J Surg Oncol*; 2010
243. D'Onofrio M, Gallotti A, Martone E, Nicoli M, Mautone S, **Ruzzenente A**, Mucelli RP.; Is intraoperative ultrasound (IOUS) still useful for the detection of liver metastases?; *J Ultrasound*; 2009
244. Gallotti A, D'Onofrio M, **Ruzzenente A**, Martone E, De Robertis R, Guglielmi A, Pozzi Mucelli R.; Contrast-enhanced ultrasonography (CEUS) immediately after percutaneous ablation of hepatocellular carcinoma; *Radiol Med*; 2009

245. Vecchiato F, D'Onofrio M, Malagò R, Martone E, Gallotti A, Faccioli N, Cantisani V, Marigliano C, **Ruzzenente A**, Pozzi Mucelli R.; Detection of focal liver lesions: from the subjectivity of conventional ultrasound to the objectivity of volume ultrasound; Radiol Med; 2009
246. **Ruzzenente A**, Capra F, Pachera S, Iacono C, Piccirillo G, Lunardi M, Pistoso S, Valdegamberi A, D'Onofrio M, Guglielmi A.; Is liver resection justified in advanced hepatocellular carcinoma? Results of an observational study in 464 patients; J Gastrointest Surg; 2009
247. Guglielmi A, **Ruzzenente A**, Campagnaro T, Pachera S, Valdegamberi A, Nicoli P, Cappellani A, Malfermoni G, Iacono C.; Intrahepatic cholangiocarcinoma: prognostic factors after surgical resection; World J Surg; 2009
248. Guglielmi A, **Ruzzenente A**, Valdegamberi A, Pachera S, Campagnaro T, D'Onofrio M, Martone E, Nicoli P, Iacono C.; Radiofrequency ablation versus surgical resection for the treatment of hepatocellular carcinoma in cirrhosis; J Gastrointest Surg; 2008
249. Guglielmi A, **Ruzzenente A**, Pachera S, Valdegamberi A, Sandri M, D'Onofrio M, Iacono C.; Comparison of seven staging systems in cirrhotic patients with hepatocellular carcinoma in a cohort of patients who underwent radiofrequency ablation with complete response; Am J Gastroenterol; 2008
250. Iacono C, Bortolasi L, Facci E, Nifosi F, Pachera S, **Ruzzenente A**, Guglielmi A.; The Dagradi-Serio-Iacono operation central pancreatectomy; J Gastrointest Surg; 2007
251. Guglielmi A, **Ruzzenente A**, Sandri M, Pachera S, Pedrazzani C, Tasselli S, Iacono C.; Radio frequency ablation for hepatocellular carcinoma in cirrhotic patients: prognostic factors for survival; J Gastrointest Surg; 2007
252. Pedrazzani C, Veraldi GF, Tasselli S, Tomasi I, Bernini M, Giacomuzzi S, **Ruzzenente A**, Guglielmi A, de Manzoni G.; Surgical treatment of gastric cancer with coexistent abdominal aortic aneurysm. Personal experience and literature review; Hepatogastroenterology; 2006
253. Veraldi GF, De Manzoni G, Tasselli S, Minicozzi A, **Ruzzenente A**, Pacca R, Firpo M.; Iatrogenic axillary artery injury from humeral neck fracture repair. A rare and unusual event in which an aggressive strategy was mandatory to save a child limb; Chir Ital; 2006
254. Borzellino G, **Ruzzenente A**, Minicozzi AM, Giovinazzo F, Pedrazzani C, Guglielmi A.; Laparoscopic hepatic resection; Surg Endosc; 2006
255. Veraldi GF, Tasselli S, Firpo M, Pedrazzani C, **Ruzzenente A**.; [US-guided percutaneous management of femoral artery pseudoaneurysms by thrombin injection: personal experience and review of the literature]; Chir Ital; 2005
256. Donataggio M, **Ruzzenente A**, Pachera S, Genco B, Donataggio D.; Caval anastomosis in liver transplantation: prospective experience of Verona liver transplantation program; Transplant Proc; 2005
257. de Manzoni G, Pedrazzani C, Laterza E, Pasini F, Grandinetti A, Bernini M, **Ruzzenente A**, Zerman G, Tomezzoli A, Cordiano C.; Induction chemoradiotherapy for squamous cell carcinoma of the thoracic esophagus: impact of increased dosage on long-term results; Ann Thorac Surg; 2005
258. Pedrazzani C, Laterza E, Pasini F, Grandinetti A, Bernini M, Giacomuzzi S, Zerman G, Tasselli S, **Ruzzenente A**, De Manzoni G.; [Long-term results of neoadjuvant radiochemotherapy in squamous carcinoma of the thoracic esophagus]; Minerva Chir; 2005
259. Pedrazzani C, Pasini F, Giacomuzzi S, Bernini M, Gabbani M, Grandinetti A, Tomezzoli A, **Ruzzenente A**, Guglielmi A, de Manzoni G.; [Preliminary results of neoadjuvant treatment of adenocarcinoma of the gastro-esophageal junction]; Chir Ital; 2005
260. Guglielmi A, Fior F, Halmos O, Veraldi GF, Rossaro L, **Ruzzenente A**, Cordiano C.; Transhepatic fibrinolysis of mesenteric and portal vein thrombosis in a patient with ulcerative colitis: a case report; World J Gastroenterol; 2005
261. Pedrazzani C, Catalano F, Festini M, Zerman G, Tomezzoli A, **Ruzzenente A**, Guglielmi A, de Manzoni G.; Endoscopic ablation of Barrett's esophagus using high power setting argon plasma coagulation: a prospective study; World J Gastroenterol; 2005
262. Pedrazzani C, Pasini F, Giacomuzzi S, Bernini M, **Ruzzenente A**, Festini M, Tomasi I, Cristadoro L, de Manzoni G.; [Surgical treatment of gastro-esophageal junction adenocarcinoma: long-term results of a single Italian centre]; G Chir; 2004
263. Vivarelli M, Guglielmi A, **Ruzzenente A**, Cucchetti A, Bellusci R, Cordiano C, Cavallari A.; Surgical resection versus percutaneous radiofrequency ablation in the treatment of hepatocellular carcinoma on cirrhotic liver; Ann Surg; 2004
264. **Ruzzenente A**, Manzoni GD, Molfetta M, Pachera S, Genco B, Donataggio M, Guglielmi A.; Rapid progression of hepatocellular carcinoma after Radiofrequency Ablation; World J Gastroenterol; 2004
265. Guglielmi A, **Ruzzenente A**, Battocchia A, Tonon A, Fracastoro G, Cordiano C.; Radiofrequency ablation of hepatocellular carcinoma in cirrhotic patients; Hepatogastroenterology; 2003
266. de Manzoni G, Catalano F, Festini M, Guglielmi A, Lombardo F, Kind R, Rodella L, **Ruzzenente A**, Zerman G.; [Acute hemorrhage caused by duodenal ulcer. Results of endoscopic treatment of the first bleeding episode and of recurrences]; Ann Ital Chir; 2002
267. Guglielmi A, **Ruzzenente A**, Sandri M, Kind R, Lombardo F, Rodella L, Catalano F, de Manzoni G, Cordiano C.; Risk assessment and prediction of rebleeding in bleeding gastroduodenal ulcer; Endoscopy; 2002
268. de Manzoni G, Catalano F, Festini M, Lombardo F, Kind R, Rodella L, **Ruzzenente A**, Zerman G, Valloncini E.; [Esophageal non-variceal hemorrhage: a clinical and epidemiological study]; G Chir; 2002
269. De Manzoni G, Catalano F, Festini M, Lombardo F, Kind R, Pachera S, Rodella L, **Ruzzenente A**, Valloncini E, Zerman G.; [Peptic ulcer hemorrhage in the elderly]; Minerva Med; 2002
270. de Manzoni G, **Ruzzenente A**, Pachera S, Festini M, Zerman G, Guglielmi A, Catalano F, Rodella L.; [Acute hemorrhage secondary to gastric ulcer. Results of emergency endoscopic treatment in 775 cases]; Chir Ital; 2001
271. Kind R, Guglielmi A, Rodella L, Lombardo F, Catalano F, **Ruzzenente A**, Borzellino G, Girlanda R, Leopardi F, Praticò F, Cordiano C.; Bucrylate treatment of bleeding gastric varices: 12 years' experience; Endoscopy; 2000