

**FORMATO
EUROPEO PER IL
CURRICULUM VITAE**



INFORMAZIONI PERSONALI

Nome	RUZZENENTE ANDREA
Direttore/Responsabile	DIRETTORE UOC CHIRURGIA GENERALE ED EPATOBILIARE
Telefono	045/8124411 - 045/8126882 - 045/8128068 (Segreterie UOC Chirurgia Generale ed Epatobiliare)
E-mail istituzionale	andrea.ruzzenente@univr.it

ESPERIENZA LAVORATIVA

- | | |
|---|--|
| • Date (da – a) | 2025 – oggi Direttore a scavalco UOC Endocrinochirurgia |
| • Nome e indirizzo del datore di lavoro | Azienda Ospedaliera Universitaria Integrata di Verona |
| • Tipo di azienda o settore | 2023 - oggi Direttore UOC Chirurgia Generale ed Epatobiliare |
| • Tipo di impiego | Azienda Ospedaliera Universitaria Integrata di Verona |
| • Principali mansioni e responsabilità | 2021 – oggi Professore Ordinario di Chirurgia |
| | Università di Verona |
| | Chirurgia Generale ed Epatobiliare |
| | 2017 - 2021 Professore Associato |
| | Università di Verona |
| | Chirurgia Generale ed Epatobiliare |
| | 2008 - 2023 Dirigente medico ospedaliero |
| | Azienda Ospedaliera Integrata di Verona |
| | Chirurgia Generale ed Epatobiliare |
| | 2004 - 2008 Assegno di Ricerca |
| | Università di Verona |
| | Dipartimento di Scienze Chirurgiche |

ISTRUZIONE E FORMAZIONE

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| • Date (da – a) | 2013-2014 Master Universitario di 2° Livello in |
| • Nome e tipo di istituto di istruzione o formazione | Chirurgia Robotica Pancreatica, Epatica e Trapianto |
| • Principali materie / abilità professionali oggetto dello studio | Università di Pisa, Italia |
| • Qualifica conseguita | 2009-2012 Dottorato di ricerca in scienze chirurgiche e malattie biliari ed epatiche |
| • Livello nella classificazione nazionale (se pertinente) | Corso di dottorato in medicina traslazionale –XXIX/2009 |
| | Università of Verona |
| | 1998-2004 Specializzazione in Chirurgia Generale e d'Urgenza |
| | Università di Verona |
| | 1992-1998 Laurea in medicina |
| | Università di Verona |

ALRE ESPERIENZE FORMATIVE

2015 Visiting researcher Divisione di Oncologia Chirurgica di Nagoya
Università di Nagoya, Giappone

2014 Corso avanzato di chirurgia epatica laparoscopica 2014
Università di Gent, Belgio

2014 NET Materclass
Londra, UK

2012 IHPBA– chirurgia HPB mini-invasiva
Paris - Francia

2011 Corso avanzato di robotica coloretale - HPB - endocrina
Grosseto - Italia

2008-2009 European University Diploma - Hepatic-pancreatic and biliary
cancers : oncosurgical strategies
Paris Sud University XI - Francia

2003-2004 European Hesperis Diploma – European Society of Organ
Transplantation

ATTIVITA' DI RICERCA

2009 – oggi

Co-investigatore locale negli studi clinici

- 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, placebocontrolled 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 HEpatocelLLular carcinoma patients in itAly. X1110IT - Impact nr. 16028
- Bayer study HCC 15982 Resorce "A randomized, double blind, placebocontrolled, multicenter phase III study of regorafenib in patients with hepatocellular carcinoma (HCC) after sorafenib"

ATTIVITA' DI PEER REVIEW

2009 –oggi

Cancers (Editorial Board)
Medicine (Academic editor – Editorial Board)
World Journal of Gastrointestinal 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

APPARTENENZA AD ASSOCIAZIONI SCIENTIFICHE

2008 – oggi

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)

PREMI

2006 – oggi

- SSAT 2006 (Los Angeles – US) poster of distinction "Radiofrequency ablayion 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 contrastenhanced intraoperative ultrasonography (CE-IOUS) 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?"

PARTECIPAZIONE CONGRESSI

2004 – oggi

Partecipazione ad oltre 200 Congressi Nazionali ed Internazionali con presentazioni di abstract o su invito

ATTIVITA' DIDATTICHE

2022 – oggi

Coordinatore del Corso di Dottorato presso l'Università degli Studi di Verona "Scienze chirurgiche e cardiovascolari"

2018 - oggi

Direttore del master 1° livello "Master in Specializzazione in nursing chirurgico perioperatorio" presso la l'Università degli Studi di Verona

2016 – oggi

Attività didattica per la scuola dell'Associazione Italiana di Chirurgia Mini-Invasiva del Fegato (IgoMils)

2007 – oggi

Attività didattica per la Facoltà di Medicina dell'Università di Verona

Attività didattiche per specializzandi in chirurgia generale

PUBBLICAZIONI SCIENTIFICHE

2000-oggi

294 peer review articoli indexati su Scopus

9823 Citazioni, h index: 46 (SCOPUS);

11442 Citazioni h Index: 51 i10-index: 118 (Google Scholar)

250 Abstract pubblicati

16 Capitoli in libri scientifici

2 Libri scientifici

ATTIVITA' CLINICA

2000-oggi

Attività chirurgica in generale e chirurgia HPB con approccio aperto, laparoscopico e robotico, più di 3500 interventi chirurgici

CAPACITÀ E COMPETENZE

PERSONALI

MADRELINGUA

ALTRE LINGUA

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

ITALIANO

INGLESE

ECCELLENTE

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PUBBLICAZIONI

Pubblicazioni peer review:

1. 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.
2. 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.
3. 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.
4. 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.
5. 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, Sugioka 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.

6. Campagnaro T, Poletto E, Tarchi P, Rattizzato S, Verlato G, Conci S, Pedrazzani C, De Manzini N, Guglielmi A, **Ruzzenente A**. Evaluation of the ACSNSQIP 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.

7. Kato Y, Sugioka 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 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.

8. Krenzien F, Schmelzle M, Pratschke J, Feldbrugge 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, Gruttaduria 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, Sugioka 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.

9. 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, Bjornsson 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, Zampedi 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.

10. 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.

11. Famularo S, Cillo U, Lauterio A, Donadon M, Vitale A, Serenari M, Cipriani F, Fazio F, Giuffrida M, Ardito F, Dominioni T, Garancini M, Lai Q, Nicolini D, Molino S, Perri P, Pinotti E, Conci S, Ferrari C, Zanello M, Patauner S, Zimmiti 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.

12. 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

13. 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.

14. Alaimo L, Lima HA, Moazzam Z, Endo Y, Yang J, **Ruzzenente A**, Guglielmi A, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithele SK, Marques HP, Martel G, Pulitano C, Shen F, Cauchy F, Koerkamp BG, Endo I, Kitago M, Pawlik TM. ASO Visual Abstract: 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.

15. 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, Giulianti 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, Ettorre GM, Cipriani F, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Yin M, Cheung TT, Sugioka 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.

16. 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, Giulianti 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, Ettorre GM, Cipriani F, Pascual F, Cherqui D, Zheng J, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioka 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.

17. Alaimo L, Lima HA, Moazzam Z, Endo Y, Yang J, **Ruzzenente A**, Guglielmi A, Aldrighetti L, Weiss M, Bauer TW, Alexandrescu S, Poultides GA, Maithele 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.

18. Endo Y, Rueda BO, Woldesenbet S, Munir MM, Lima HA, Katayama ES, Shaikh CF, Guglielmi A, **Ruzzenente A**, Aldrighetti L, Alexandrescu S, Kitago M, Poultides 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.

19. 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, Giulianti 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, Ettorre GM, Cipriani F, Cherqui D, Liang X, Soubrane O, Wakabayashi G, Troisi RI, Cheung TT, Kato Y, Sugioka 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.

20. Dalbeni A, Natola LA, Garbin M, Zoncape M, Cattazzo F, Mantovani A, Vella A, Cane 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

21. 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 Claria 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, Vauthey JN.; Benchmarks and Geographic Differences in Gallbladder Cancer Surgery: An International Multicenter Study; *Ann Surg Oncol*; 2023

22. Sijberden JP, Zimmitti G, Conci S, Russolillo N, Masetti M, Cipriani F, Lanari J, Gorgec B, Benedetti Cacciaguerra A, Rotellar F, D'Hondt M, Edwin B, Sutcliffe RP, Dagher I, Efanov M, Lopez-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

23. 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, Sugioka 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

24. Alaimo L, Moazzam Z, Lima HA, Endo Y, Woldesenbet 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

25. Alaimo L, Moazzam Z, Lima HA, Endo Y, Woldesenbet 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

26. 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

27. Zapatka M, Borozan I, Brewer DS, Iskar M, Grundhoff A, Alawi M, Desai N, Sultmann 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

28. Cortes-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

29. 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

30. Ghotbi J, Aghayan D, Fretland A, 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, Sugioka A, Chen KH, Liu R, Soubrane 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

31. van der Heijde N, Gorgec B, Beane JD, Ratti F, Belli G, Benedetti Cacciaguerra A, Calise F, Cillo U, De Boer MT, Fagenson AM, Fretland AA, 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

32. 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

33. 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, Beroukhi R, Campbell PJ; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Patterns of somatic structural variation in human cancer genomes; *Nature*; 2023

34. ICGC/TCGA Pan-Cancer Analysis of Whole Genomes Consortium. **Collaborator Ruzzenente A**; Author Correction: Pan-cancer analysis of whole genomes; *Nature*; 2023

35. Gerstung M, Jolly C, Leshchiner I, Dentre SC, Gonzalez S, Rosebrock D, Mitchell TJ, Rubanova Y, Anur P, Yu K, Tarabichi M, Deshwar A, Wintersinger J, Kleinheinz K, Vazquez-Garcia I, Haase K, Jerman 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, Beroukhir 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**; Author Correction: The evolutionary history of 2,658 cancers; *Nature*; 2023

36. Rheinbay E, Nielsen MM, Abascal F, Wala JA, Shapira O, Tiao G, Hornshoj H, Hess JM, Juul RI, Lin Z, Feuerbach L, Sabarinathan R, Madsen T, Kim J, Mularoni L, Shuai S, Lanzos 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, Uuskula-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, Lopez-Bigas N; PCAWG Drivers and Functional Interpretation Working Group; PCAWG Structural Variation Working Group; Weischenfeldt J, Beroukhir R, 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

37. PCAWG Transcriptome Core Group; Calabrese C, Davidson NR, Demircioglu 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-Hammarstrom Q, Peadarallu 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, Goke J, Ratsch G, Schwarz RF, Stegle O, Zhang Z; PCAWG Consortium. **Collaborator Ruzzenente A**; Author Correction: Genomic basis for RNA alterations in cancer; *Nature*; 2023

38. 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

39. van der Heijde N, Gorgec B, Beane JD, Ratti F, Belli G, Benedetti Cacciaguerra A, Calise F, Cillo U, De Boer MT, Fagenson AM, Fretland AA, 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

40. 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, Giuliani F, Ferrero A, Aldrighetti L, Bernasconi DP, Torzilli G; HE.RC.O.L.E.S. Group.; Machine Learning Predictive Model to Guide Treatment Allocation for Recurrent Hepatocellular Carcinoma After Surgery; *JAMA Surg*; 2023

41. De Bellis M, Mastrosimini 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

42. Sijberden JP, Cipriani F, Lanari J, Russolillo N, Benedetti Cacciaguerra A, Osei-Bordom D, Conci S, Gorgec B, Primrose JN, Edwin B, Lopez-Ben S, D'Hondt M, Rotellar F, Besselink MG, Dagher I, Giuliani F, Fuks D, Rozzini R, **Ruzzenente A**, Sutcliffe RP, Vivarelli M, Ferrero A, Cillo U, Aldrighetti LA, Abu Hilal M.; Minimally invasive versus open liver resection for hepatocellular carcinoma in the elderly: international multicentre propensity score matched study; *Br J Surg*; 2022

43. Carlevaro-Fita J, Lanzos 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

44. 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

45. Sieverling L, Hong C, Koser SD, Ginsbach P, Kleinheinz K, Hutter B, Braun DM, Cortes-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

46. 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

47. Cmero M, Yuan K, Ong CS, Schroder 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

48. 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

49. 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

50. 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

51. 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

52. 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

53. 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

54. Aizza G, Russolillo N, Ferrero A, Syn NL, Cipriani F, Aghayan D, Marino MV, Memeo R, Mazzaferro V, Chiow AKH, Sucandy I, Ivancz 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, Giuliani 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

55. 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

56. Turri G, Caliskan G, Conti C, Martinelli L, De Giulio E, **Ruzzenente A**, Guglielmi A, Verlati G, Pedrazzani C.;Impact of age and comorbidities on shortand long-term outcomes of patients undergoing surgery for colorectal cancer;Front Oncol;2022

57. Sposito C, Ratti F, Cucchetti A, Ardito F, **Ruzzenente A**, Di Sandro S, Maspero M, Ercolani G, Di Benedetto F, Guglielmi A, Giuliani F, Aldrighetti L, Mazzaferro V.;Survival benefit of adequate lymphadenectomy in patients undergoing liver resection for clinically node-negative intrahepatic cholangiocarcinoma;J Hepatol;2023

58. 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

59. 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

60. 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.;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

61. **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

62. **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

63. Gorgec 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, Imventarza 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

64. 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

65. 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

66. Perri G, Marchegiani G, Reich F, Casetti L, Fontana M, Esposito A, **Ruzzenente A**, Salvia R, Bassi C.; Intraoperative Blood Loss Estimation in Hepatopancreatobiliary Surgery- Relevant, Not Reported, Not Standardized: Results From a Systematic Review and a Worldwide Snapshot Survey; Ann Surg; 2023

67. 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

68. 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

69. **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

70. Fotopoulou C, Khan T, Bracinik J, Glasbey J, Abu-Rustum N, Chiva L, Fagotti A, Fujiwara K, Ghebre 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

71. Serenari M, Lenzi J, Cucchetti A, Cipriani F, Donadon M, Ardito F, Fazio F, Nicolini D, Iaria M, Famularo S, Perri P, Ansaloni L, Zanello 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, Zanusi 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

72. **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

73. **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

74. CHOLECOVID Collaborative. **Collaborator Ruzzenente A**; Global overview of the management of acute cholecystitis during the COVID-19 pandemic (CHOLECOVID study); BJS Open; 2022

75. Mancarella S, Serino G, Coletta S, Armentano R, Dituri F, Ardito F, **Ruzzenente A**, Fabregat I, Giannelli G.; The Tumor Microenvironment Drives Intrahepatic Cholangiocarcinoma Progression; Int J Mol Sci; 2022

76. 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

77. Belevu 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

78. Famularo S, Russolillo N, Donadon M, Cipriani F, Ardito F, Perri P, Giani A, De Stefano F, Lai Q, Molfino S, Zanello 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, Zanusi 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.LE.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

79. COVIDSurg Collaborative. **Collaborator Ruzzenente A**; The impact of surgical delay on resectability of colorectal cancer: An international prospective cohort study; Colorectal Dis; 2022

80. Mendez-Sanchez 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, Dhawan 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

81. STARSurg Collaborative and EuroSurg Collaborative. **Collaborator Ruzzenente A**; Validation of the OAKS prognostic model for acute kidney injury after gastrointestinal surgery; BJS Open; 2022

82. Iaria M, Bianchi G, Fazio F, Ardito F, Perri P, Pontarolo N, Conci S, Donadon M, Zanello 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, Zanusi 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.LE.S. GROUP.; The largest western experience on salvage hepatectomy for recurrent hepatocellular carcinoma: propensity score-matched analysis on behalf of He.RC.O.Le.Study Group; HPB (Oxford); 2022

83. 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.LE.S. Group.; Hepatectomy Versus Sorafenib in Advanced Nonmetastatic Hepatocellular Carcinoma: A Real-life Multicentric Weighted Comparison; Ann Surg; 2022

84. 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

85. 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

86. 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

87. Benedetti Cacciaguerra A, Gorgec 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, Lopez-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

88. Levi Sandri GB, Colasanti M, Aldrighetti L, Guglielmi A, Cillo U, Mazzaferro V, Dalla Valle R, De Carlis L, Gruttadauria S, Di Benedetto F, Ferrero A, Ettore 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

89. 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

90. Levi Sandri GB, Colasanti M, Aldrighetti L, Guglielmi A, Cillo U, Mazzaferro V, Dalla Valle R, De Carlis L, Gruttadauria S, Di Benedetto F, Ferrero A, Ettore 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

91. 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

92. COVIDSurg Collaborative; GlobalSurg Collaborative. **Collaborator Ruzzenente A**; SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study; Anaesthesia; 2022

93. 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

94. 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, Lopez-Lopez V, de Ponthaud C, Yonkus JA, Ismail W, 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, Prachalias A, Fusai GK, Erdmann JI, Line PD, Smoot RL, Soubrane 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

95. 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, Sciannone 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.Le.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

96. 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

97. 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

98. EuroSurg Collaborative. **Collaborator Ruzzenente A**;Timing of nasogastric tube insertion and the risk of postoperative pneumonia: an international, prospective cohort study;Colorectal Dis;2020

99. Gorgec 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

100. **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

101. Cardobi N, Dal Palu A, Pedrini F, Belev 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

102. 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

103. Alaimo L, Bagante F, **Ruzzenente A**.;The Role of Surgery in the Treatment of Bismuth-Corlette Type IV Perihilar Cholangiocarcinoma;Ann Surg Oncol;2021

104. **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

105. 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

106. 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, Sciannone I, Garatti M, Lodo E, Troci A, Delvecchio A, Floridi A, Bernasconi DP, Fumagalli L, Chiarelli M, Memeo R, Crespi M, Zanusi 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, Giuliani F, Aldrighetti L, Romano F, Torzilli G; HE.RC.O.L.E.S. Group.;The Impact of Postoperative Ascites on Survival After Surgery for Hepatocellular Carcinoma: a National Study;J Gastrointest Surg;2021

107. COVIDSurg Collaborative; GlobalSurg Collaborative. **Collaborator Ruzzenente A**;Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study;Anaesthesia;2021

108. 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

109. Udali S, De Santis D, Mazzi F, Moruzzi S, **Ruzzenente A**, Castagna A, Pattini P, Beschin 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

110. Giuliani J, Fiorica P, 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

111. 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

112. 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,

Molfino S, Germani P, Pinotti E, Romano M, La Barba G, Ferrari C, Patauner S, Manzoni A, Sciannamea 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, Zanusi G, Zago M, Tarchi P, Baiocchi GL, **Ruzzenente A**,

Rossi M, Jovine E, Maestri M, Dalla Valle R, Grazi G, Vivarelli M, Ferrero A, Giuliani F, Torzilli G, Aldrighetti L, Gianotti L, Romano F, Ciulli C, Braga M,

Ratti F, Costa G, Rationale 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

113. 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 perioperative

blood transfusions on long-term prognosis of patients with colorectal cancer;Blood Transfus;2022

114. GlobalSurg Collaborative. **Collaborator Ruzzenente A**;Surgical site infection after gastrointestinal surgery in children: an international, multicentre,

prospective cohort study;BMJ Glob Health;2020

115. 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

116. COIVDSurg Collaborative. **Collaborator Ruzzenente A**;Outcomes from elective colorectal cancer surgery during the SARS-CoV-2 pandemic;Colorectal

Dis;2020

117. Famularo S, Donadon M, Cipriani F, Bernasconi DP, LaBarba G, Dominioni T, Iaria M, Molfino S, Conci S, Ferrari C, Garatti M, Delvecchio A, Troci A,

Patauner S, Frassani S, Cosimelli M, Zanusi G, Giuliani 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.LE.S. Group.;Curative versus

palliative treatments for recurrent hepatocellular carcinoma: a multicentric weighted comparison;HPB (Oxford);2021

118. 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-Mendez

C, Pockney P, Shaw R, Smart NJ, Stewart GD, Sundar Mrcog S, Vidya 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

119. COVIDSurg Collaborative. **Collaborator Ruzzenente A**;Delaying surgery for patients with a previous SARS-CoV-2 infection;Br J Surg;2020

120. 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

121. 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;Pancreatolgy;2020

122. Marletta S, Cavallo E, Ammendola S, Stefanizzi L, Mastrosimini 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

123. 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

124. 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

125. 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

126. Aldrighetti L, Boggi U, Falconi M, Giuliani 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

127. 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

128. 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

129. Famularo S, Donadon M, Cipriani F, Ardito F, Carissimi F, Perri P, Iaria M, Dominioni T, Zanello M, Conci S, Molfino S, LaBarba G, Ferrari C, Germani P, Patauner S, Pinotti E, Lodo E, Garatti M, Sciannamea I, Troci A, Conticchio M, Floridi A, Chiarelli M, Fumagalli L, Memeo R, Crespi M, Antonucci A, Zimmitti G, Zanusi 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.LE.S. Group.;Hepatocellular carcinoma surgical and oncological trends in a national multicentric population: the HERCOLES experience;Updates Surg;2020
130. PCAWG Transcriptome Core Group; Calabrese C, Davidson NR, Demircioglu 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-Hammarstrom 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, Goke J, Ratsch G, Schwarz RF, Stegle O, Zhang Z; PCAWG Consortium. **Collaborator Ruzzenente A**;Genomic basis for RNA alterations in cancer;Nature;2020
131. 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
132. Rheinbay E, Nielsen MM, Abascal F, Wala JA, Shapira O, Tiao G, Hornshoj H, Hess JM, Juul RI, Lin Z, Feuerbach L, Sabarinathan R, Madsen T, Kim J, Mularoni L, Shuai S, Lanzos 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, Uuskula-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, Lopez-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
133. 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, Vazquez-Garcia I, Haase K, Jerman 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
134. 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
135. ICGC/TCGA Pan-Cancer Analysis of Whole Genomes Consortium. **Collaborator Ruzzenente A**;Pan-cancer analysis of whole genomes;Nature;2020
136. Cortes-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
137. Zpatka M, Borozan I, Brewer DS, Iskar M, Grundhoff A, Alawi M, Desai N, Sultmann 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
138. 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
139. 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, Puiggras 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

140. 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

141. Carlevaro-Fita J, Lanzos 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

142. 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

143. 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

144. 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

145. 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

146. Cmero M, Yuan K, Ong CS, Schroder 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

147. 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

148. 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

149. Bhandari V, Li CH, Bristow RG, Boutros PC; PCAWG Consortium. **Collaborator Ruzzenente A**;Divergent mutational processes distinguish hypoxic and normoxic tumours;Nat Commun;2020

150. 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

151. Sieverling L, Hong C, Koser SD, Ginsbach P, Kleinheinz K, Hutter B, Braun DM, Cortes-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

152. EuroSurg Collaborative. **Collaborator Ruzzenente A**;Safety of hospital discharge before return of bowel function after elective colorectal surgery;Br J Surg;2020

153. 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

154. Russolillo N, Aldrichetti L, Cillo U, Guglielmi A, Ettore GM, Giulianti 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

155. GlobalSurg Collaborative. **Collaborator Ruzzenente A**;Global variation in anastomosis and end colostomy formation following left-sided colorectal resection;BJS Open;2019

156. 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

157. EuroSurg Collaborative. **Collaborator Ruzzenente A**;Safety and efficacy of non-steroidal anti-inflammatory drugs to reduce ileus after colorectal surgery;Br J Surg;2020

158. 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

159. 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

160. **Ruzzenente A**, De Angelis M, Conci S, Campagnaro T, Isa G, Bagante F, Ciangherotti A, Pedrazzani C, Capelli P, Iacono C,

Guglielmi A.;The albuminbilirubin score stratifies the outcomes of Child-Pugh class A patients after resection of hepatocellular carcinoma;Transl Cancer Res;2019

161. **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

162. **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

163. Bagante F, **Ruzzenente A**, Beal EW, Campagnaro T, Merath K, Conci S, Akgul 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

164. GlobalSurg Collaborative. **Collaborator Ruzzenente A**;Pooled analysis of WHO Surgical Safety Checklist use and mortality after emergency laparotomy;Br J Surg;2019

165. 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

166. 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

167. **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

168. 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

169. 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

170. 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

171. 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

172. Udali S, De Santis D, **Ruzzenente A**, Moruzzi S, Mazzi F, Beschin 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

173. 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

174. 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

175. 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

176. Reames BN, Bagante F, Ejaz A, Spolverato G, **Ruzzenente A**, Weiss M, Alexandrescu S, Marques HP, Aldrighetti L, Maitzel 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

177. **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

178. 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

179. 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

180. 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

181. 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

182. **Ruzzenente A**, Bagante F, Bertuzzo F, Aldrighetti L, Ercolani G, Giuliani 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

183. 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

184. 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, IJzermans 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

185. 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

186. 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 GA, Marsh JW, Guglielmi A, Pawlik TM.;Defining when to offer operative treatment for intrahepatic cholangiocarcinoma: A regretbased decision curves analysis;Surgery;2016

187. 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, Grutzmann 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

188. Andrici J, Goeppert 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

189. 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

190. 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

191. Udali S, Moruzzi S, **Ruzzenente A**, Choi SW, Friso S.;Reply;Hepatology;2016

192. **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

193. 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

194. 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

195. 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

196. 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

197. 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

198. 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

199. 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

200. 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

201. 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

202. 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

203. **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

204. Guglielmi A, **Ruzzenente A**, Valdegamberi A, Bagante F, Conci S, Pinna AD, Ercolani G, Giulianti F, Capussotti L, Aldrighetti L, Iacono C.;Hepatolithiasisassociated cholangiocarcinoma: results from a multi-institutional national database on a case series of 23 patients;Eur J Surg Oncol;2014

205. Pedica F, **Ruzzenente A**, Bagante F, Capelli P, Cataldo I, Pedron S, Iacono C, Chilosi 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

206. 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

207. 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

208. Guglielmi A, **Ruzzenente A**, Conci S, Valdegamberi A, Iacono C.;How much remnant is enough in liver resection?;Dig Surg;2012

209. **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

210. **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

211. 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

212. 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

213. 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

214. 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

215. Borzellino G, **Ruzzenente A**, Minicozzi AM, Giovinazzo F, Pedrazzani C, Guglielmi A.;Laparoscopic hepatic resection;Surg Endosc;2006

216. 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

217. 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

218. 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

219. 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

220. 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

221. 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

222. 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

223. 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

224. 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

225. **Ruzzenente A**, Bagante F, Bertuzzo F, Aldrighetti L, Ercolani G, Giuliani 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

226. 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

227. 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, IJzermans 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

228. 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

229. 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 GA, Marsh JW, Guglielmi A, Pawlik TM.;Defining when to offer operative treatment for intrahepatic
cholangiocarcinoma: A regretbased
decision curves analysis;Surgery;2016

230. 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, Chantrell 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, Grutzmann 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

231. 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

232. 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

233. **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

234. 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

235. Udali S, Moruzzi S, **Ruzzenente A**, Choi SW, Friso S.;Reply;Hepatology;2016

236. **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

237. Ercolani G, Dazzi A, Giovinazzo 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

238. 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

239. 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

240. 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

241. 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

242. 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
243. 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
244. 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
245. 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
246. 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
247. 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
248. 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
249. 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
250. 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
251. **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
252. Guglielmi A, **Ruzzenente A**, Valdegamberi A, Bagante F, Conci S, Pinna AD, Ercolani G, Giuliani F, Capussotti L, Aldrighetti L, Iacono C.;Hepatolithiasisassociated cholangiocarcinoma: results from a multi-institutional national database on a case series of 23 patients;Eur J Surg Oncol;2014
253. 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
254. 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
255. Pedica F, **Ruzzenente A**, Bagante F, Capelli P, Cataldo I, Pedron S, Iacono C, Chilosi 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
256. 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
257. **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
258. 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
259. Giuliani F, Ardito F, Pinna AD, Sarno G, Giulini SM, Ercolani G, Portolani N, Torzilli G, Donadon M, Aldrighetti L, Pulitano 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
260. Guglielmi A, **Ruzzenente A**, Conci S, Valdegamberi A, Iacono C.;How much remnant is enough in liver resection?;Dig Surg;2012
261. Nuzzo G, Giuliani 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, Pulitano 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
262. **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

263. **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

264. 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

265. 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

266. D'Onofrio M, Gallotti A, Martone E, Nicoli L, Mautone S, **Ruzzenente A**, Mucelli RP.;Is intraoperative ultrasound (IOUS) still useful for the detection of liver metastases?;J Ultrasound;2009

267. 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

268. Vecchiato F, D'Onofrio M, Malago 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

269. **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

270. 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

271. 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

272. 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

273. 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

274. 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

275. 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

276. 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

277. Borzellino G, **Ruzzenente A**, Minicozzi AM, Giovinazzo F, Pedrazzani C, Guglielmi A.;Laparoscopic hepatic resection;Surg Endosc;2006

278. 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

279. Donataccio M, **Ruzzenente A**, Pachera S, Genco B, Donataccio D.;Caval anastomosis in liver transplantation: prospective experience of Verona liver transplantation program;Transplant Proc;2005

280. 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

281. 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

282. 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

283. 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

284. 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

285. Pedrazzani C, Pasini F, Giacomuzzi S, Bernini M, **Ruzzenente A**, Festini M, Tomasi I, Cristadoro L, de Manzoni G.;[Surgical treatment of gastroesophageal junction adenocarcinoma: long-term results of a single Italian centre];G Chir;2004

286. 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

287. **Ruzzenente A**, Manzoni GD, Molfetta M, Pachera S, Genco B, Donataccio M, Guglielmi A.;Rapid progression of hepatocellular carcinoma after Radiofrequency Ablation;World J Gastroenterol;2004

288. Guglielmi A, **Ruzzenente A**, Battocchia A, Tonon A, Fracastoro G, Cordiano C.;Radiofrequency ablation of hepatocellular carcinoma in cirrhotic patients;Hepatogastroenterology;2003

289. 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

290. 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
291. 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
292. 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
293. 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
294. Kind R, Guglielmi A, Rodella L, Lombardo F, Catalano F, **Ruzzenente A**, Borzellino G, Girlanda R, Leopardi F, Prattico F, Cordiano C.; Bucrylate treatment of bleeding gastric varices: 12 years' experience; Endoscopy; 2000