

Chi-Tung Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

1,236
citations

394421

19
h-index

454955

30
g-index

92
all docs

92
docs citations

92
times ranked

2075
citing authors

#	ARTICLE	IF	CITATIONS
1	Spleen size greater than 9.76Âcm may impact the treatment strategy for blunt splenic injury in adults - A retrospective analysis of experience at a tertiary trauma center in Taiwan. <i>Asian Journal of Surgery</i> , 2023, 46, 354-359.	0.4	0
2	Potential use of peptic ulcer perforation (PULP) score as a conversion index of laparoscopic-perforated peptic ulcer (PPU) repair. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 61-69.	1.7	6
3	How long of a postponement in surgery can a blunt hollow viscus injury patient tolerate? A retrospective study from the National Trauma Data Bank. <i>Surgery</i> , 2022, 171, 526-532.	1.9	3
4	Preinjury warfarin does not cause failure of nonoperative management in patients with blunt hepatic, splenic or renal injuries. <i>Injury</i> , 2022, 53, 92-97.	1.7	1
5	The Impact of Selenium Supplementation on Trauma Patientsâ€”Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2022, 14, 342.	4.1	8
6	The Impact on the Clinical Prognosis of Low Serum Selenium Level in Patients with Severe Trauma: Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2022, 14, 1295.	4.1	2
7	Deep neural network trained on gigapixel images improves lymph node metastasis detection in clinical settings. <i>Nature Communications</i> , 2022, 13, .	12.8	21
8	The effect of transarterial embolization versus nephrectomy on acute kidney injury in blunt renal trauma patients. <i>World Journal of Urology</i> , 2022, 40, 1859-1865.	2.2	2
9	The role of acute care surgeons in treating rib fracturesâ€”a retrospective cohort study from a single level I trauma center. <i>BMC Surgery</i> , 2022, 22, .	1.3	1
10	The psoas muscle index distribution and influence of outcomes in an Asian adult trauma population: an alternative indicator for sarcopenia of acute diseases. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1787-1795.	1.7	16
11	Early brain computed tomographic angiography to screen for blunt cerebrovascular injuries in patients with polytrauma: Is it necessary?. <i>American Journal of Emergency Medicine</i> , 2021, 39, 121-124.	1.6	1
12	Is massive hemothorax still an absolute indication for operation in blunt trauma?. <i>Injury</i> , 2021, 52, 225-230.	1.7	3
13	A scalable physician-level deep learning algorithm detects universal trauma on pelvic radiographs. <i>Nature Communications</i> , 2021, 12, 1066.	12.8	40
14	How much could a low COVID-19 pandemic change the injury trends? A single-institute, retrospective cohort study. <i>BMJ Open</i> , 2021, 11, e046405.	1.9	10
15	Practical computer vision application to detect hip fractures on pelvic X-rays: a bi-institutional study. <i>Trauma Surgery and Acute Care Open</i> , 2021, 6, e000705.	1.6	6
16	Predicting outcomes of abdominal surgical emergencies in the elderly population using a CT muscle gauge. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 2479-2490.	2.9	7
17	Automatic Hip Detection in Anteroposterior Pelvic Radiographsâ€”A Labelless Practical Framework. <i>Journal of Personalized Medicine</i> , 2021, 11, 522.	2.5	10
18	Systematic Review of Diagnostic Sensors for Intra-Abdominal Pressure Monitoring. <i>Sensors</i> , 2021, 21, 4824.	3.8	3

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19	Does a "Cushion Effect" Really Exist? A Morphomic Analysis of Vulnerable Road Users with Serious Blunt Abdominal Injury. <i>Healthcare (Switzerland)</i> , 2021, 9, 1006.	2.0	2
20	Aspirin does not increase the need for haemostatic interventions in blunt liver and spleen injuries. <i>Injury</i> , 2021, 52, 2594-2600.	1.7	2
21	Diagnosis-Related Group (DRG)-Based Prospective Hospital Payment System can be well adopted for Acute Care Surgery: Taiwanese Experience with Acute Cholecystitis. <i>World Journal of Surgery</i> , 2021, 45, 1080-1087.	1.6	3
22	Knowledge Distillation with Adaptive Asymmetric Label Sharpening for Semi-supervised Fracture Detection in Chest X-Rays. <i>Lecture Notes in Computer Science</i> , 2021, , 599-610.	1.3	11
23	An Ingestible Electronics for Continuous and Real-Time Intraabdominal Pressure Monitoring. <i>Journal of Personalized Medicine</i> , 2021, 11, 12.	2.5	16
24	The Feasibility and Efficiency of Remote Spirometry System on the Pulmonary Function for Multiple Ribs Fracture Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 1067.	2.5	1
25	The Current Diagnostic Accuracy on Free Peritoneal Fluid in Computed Tomography to Determinate the Necessity of Surgery in Blunt Bowel and Mesenteric Trauma" Systemic Review and Meta-Analysis. <i>Diagnostics</i> , 2021, 11, 2028.	2.6	0
26	Does Artificial Intelligence Make Clinical Decision Better? A Review of Artificial Intelligence and Machine Learning in Acute Kidney Injury Prediction. <i>Healthcare (Switzerland)</i> , 2021, 9, 1662.	2.0	7
27	Eye irrigation as a first-line treatment and diagnostic method for emergency department patients who complain of ocular foreign bodies. <i>Scientific Reports</i> , 2021, 11, 23386.	3.3	3
28	Natural Course of Acute Cholecystitis in Patients Treated With Percutaneous Transhepatic Gallbladder Drainage Without Elective Cholecystectomy. <i>Journal of Gastrointestinal Surgery</i> , 2020, 24, 772-779.	1.7	19
29	Video Coaching Improving Contemporary Technical and Nontechnical Ability in Laparoscopic Education. <i>Journal of Surgical Education</i> , 2020, 77, 652-660.	2.5	10
30	Authors' Reply: Unstable Hemodynamics is not Always Predictive of Failed Nonoperative Management in Blunt Splenic Injury. <i>World Journal of Surgery</i> , 2020, 44, 3578-3579.	1.6	0
31	Evaluating the advantages of treating acute cholecystitis by following the Tokyo Guidelines 2018 (TG18): a study emphasizing clinical outcomes and medical expenditures. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 35, 6623-6632.	2.4	10
32	Pelvic injury prognosis is more closely related to vascular injury severity than anatomical fracture complexity: the WSES classification for pelvic trauma makes sense. <i>World Journal of Emergency Surgery</i> , 2020, 15, 48.	5.0	9
33	Unstable Hemodynamics is not Always Predictive of Failed Nonoperative Management in Blunt Splenic Injury. <i>World Journal of Surgery</i> , 2020, 44, 2985-2992.	1.6	10
34	Increased long-term pneumonia risk for the trauma-related splenectomized population - a population-based, propensity score matching study. <i>Surgery</i> , 2020, 167, 829-835.	1.9	6
35	The clinicopathological and molecular analysis of gastric cancer with altered SMARCA4 expression. <i>Histopathology</i> , 2020, 77, 250-261.	2.9	24
36	Artificial intelligence-based education assists medical students' interpretation of hip fracture. <i>Insights Into Imaging</i> , 2020, 11, 119.	3.4	23

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37	A Human-Algorithm Integration System for Hip Fracture Detection on Plain Radiography: System Development and Validation Study. <i>JMIR Medical Informatics</i> , 2020, 8, e19416.	2.6	13
38	Regorafenib treatment outcome for Taiwanese patients with metastatic gastrointestinal stromal tumors after failure of imatinib and sunitinib: A prospective, non-randomized, single-center study. <i>Oncology Letters</i> , 2020, 20, 2131-2142.	1.8	8
39	An Image-Based Mobile Health App for Postdrainage Monitoring: Usability Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17686.	4.3	4
40	The Prognosis of Blunt Bowel and Mesenteric Injury—The Pitfall in the Contemporary Image Survey. <i>Journal of Clinical Medicine</i> , 2019, 8, 1300.	2.4	6
41	Hospital level variations in the trends and outcomes of the nonoperative management of splenic injuries – a nationwide cohort study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2019, 27, 4.	2.6	15
42	Long-term renal outcomes in patients with traumatic renal injury after nephrectomy: A nationwide cohort study. <i>International Journal of Surgery</i> , 2019, 65, 140-146.	2.7	6
43	Prospective Evaluation of Neoadjuvant Imatinib Use in Locally Advanced Gastrointestinal Stromal Tumors: Emphasis on the Optimal Duration of Neoadjuvant Imatinib Use, Safety, and Oncological Outcome. <i>Cancers</i> , 2019, 11, 424.	3.7	23
44	Application of a deep learning algorithm for detection and visualization of hip fractures on plain pelvic radiographs. <i>European Radiology</i> , 2019, 29, 5469-5477.	4.5	183
45	Long-term Outcomes of Endovascular and Open Repair for Traumatic Thoracic Aortic Injury. <i>JAMA Network Open</i> , 2019, 2, e187861.	5.9	29
46	Subtraction of Epstein-Barr virus and microsatellite instability genotypes from the Lauren histotypes: Combined molecular and histologic subtyping with clinicopathological and prognostic significance validated in a cohort of 1,248 cases. <i>International Journal of Cancer</i> , 2019, 145, 3218-3230.	5.1	40
47	Inequality of trauma care under a single-payer universal coverage system in Taiwan: a nationwide cohort study from the National Health Insurance Research Database. <i>BMJ Open</i> , 2019, 9, e032062.	1.9	5
48	Right hospital, right patients: Penetrating injury patients treated at high-volume penetrating trauma centers have lower mortality. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 961-966.	2.1	16
49	Overexpression of TNNI3K is associated with early-stage carcinogenesis of cholangiocarcinoma. <i>Molecular Carcinogenesis</i> , 2019, 58, 270-278.	2.7	6
50	Weakly Supervised Universal Fracture Detection in Pelvic X-Rays. <i>Lecture Notes in Computer Science</i> , 2019, , 459-467.	1.3	25
51	CT Data Curation for Liver Patients: Phase Recognition in Dynamic Contrast-Enhanced CT. <i>Lecture Notes in Computer Science</i> , 2019, , 139-147.	1.3	7
52	Outcomes of chronic subdural hematoma in patients with liver cirrhosis. <i>Journal of Neurosurgery</i> , 2018, 130, 302-311.	1.6	17
53	Effects of cholecystectomy on recurrent biliary complications after endoscopic treatment of common bile duct stone: a population-based cohort study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1793-1801.	2.4	8
54	HO-1 is a favorable prognostic factor for HBV-HCC patients who underwent hepatectomy. <i>Cancer Management and Research</i> , 2018, Volume 10, 6049-6059.	1.9	11

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55	Effects of Posterior Fossa Decompression in Patients with Hunt and Hess Grade 5 Subarachnoid Hemorrhage After Endovascular Trapping of Ruptured Vertebral Artery Dissecting Aneurysms. <i>World Neurosurgery</i> , 2018, 119, e792-e800.	1.3	1
56	Role of PLK1 signaling pathway genes in gastrointestinal stromal tumors. <i>Oncology Letters</i> , 2018, 16, 3070-3082.	1.8	2
57	Nabâ€paclitaxel is effective against intrahepatic cholangiocarcinoma via disruption of desmoplastic stroma. <i>Oncology Letters</i> , 2018, 16, 566-572.	1.8	11
58	METâ€™RON dual inhibitor, BMSâ€™777607, suppresses cholangiocarcinoma cell growth, and METâ€™RON upregulation indicates worse prognosis for intraâ€™hepatic cholangiocarcinoma patients. <i>Oncology Reports</i> , 2018, 40, 1411-1421.	2.6	4
59	MART-10 represses cholangiocarcinoma cell growth and high vitamin D receptor expression indicates better prognosis for cholangiocarcinoma. <i>Scientific Reports</i> , 2017, 7, 43773.	3.3	7
60	Surgical outcome evaluation of perforated gastric cancer: from the aspects of both acute care surgery and surgical oncology. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 1371-1376.	1.5	10
61	Identification of MALT1 as both a prognostic factor and a potential therapeutic target of regorafenib in cholangiocarcinoma patients. <i>Oncotarget</i> , 2017, 8, 113444-113459.	1.8	19
62	Lipocalin 2 (LCN2) is a promising target for cholangiocarcinoma treatment and bile LCN2 level is a potential cholangiocarcinoma diagnostic marker. <i>Scientific Reports</i> , 2016, 6, 36138.	3.3	37
63	ALDH1A3, the Major Aldehyde Dehydrogenase Isoform in Human Cholangiocarcinoma Cells, Affects Prognosis and Gemcitabine Resistance in Cholangiocarcinoma Patients. <i>Clinical Cancer Research</i> , 2016, 22, 4225-4235.	7.0	44
64	The relationship between computed tomography findings and the locations of perforated peptic ulcers: it may provide better information for gastrointestinal surgeons. <i>American Journal of Surgery</i> , 2016, 212, 755-761.	1.8	8
65	A Prognostic Nomogram for Overall Survival of Patients After Hepatectomy for Intrahepatic Cholangiocarcinoma. <i>Anticancer Research</i> , 2016, 36, 4249-58.	1.1	15
66	Feasibility and Timing of Cytoreduction Surgery in Advanced (Metastatic or Recurrent) Gastrointestinal Stromal Tumors During the Era of Imatinib. <i>Medicine (United States)</i> , 2015, 94, e1014.	1.0	10
67	Peritumoral SPARC expression and patient outcome with resectable intrahepatic cholangiocarcinoma. <i>OncoTargets and Therapy</i> , 2015, 8, 1899.	2.0	4
68	N3 Subclassification Incorporated into the Final Pathologic Staging of Gastric Cancer. <i>Medicine (United States)</i> , 2015, 94, e575.	1.0	14
69	Identification of SPHK1 as a therapeutic target and marker of poor prognosis in cholangiocarcinoma. <i>Oncotarget</i> , 2015, 6, 23594-23608.	1.8	15
70	Surgical option for intestinal gastrointestinal stromal tumors--perioperative and oncological outcomes of laparoscopic surgery. <i>Anticancer Research</i> , 2015, 35, 1033-40.	1.1	10
71	Gastric cancer patients with end-stage renal disease who underwent radical gastrectomy. <i>Anticancer Research</i> , 2015, 35, 2263-8.	1.1	5
72	Fas/Fas Ligand Mediates Keratinocyte Death in Sunitinib-Induced Hand-Foot Skin Reaction. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2768-2775.	0.7	25

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73	Fractioned Dose Regimen of Sunitinib for Patients with Gastrointestinal Stromal Tumor: A Pharmacokinetic and Treatment Efficacy Study. <i>Translational Oncology</i> , 2014, 7, 620-625.	3.7	8
74	Pain relief from combined wound and intraperitoneal local anesthesia for patients who undergo laparoscopic cholecystectomy. <i>BMC Surgery</i> , 2014, 14, 28.	1.3	24
75	Identification of aurora kinase A as an unfavorable prognostic factor and potential treatment target for metastatic gastrointestinal stromal tumors. <i>Oncotarget</i> , 2014, 5, 4071-4086.	1.8	24
76	Antitumor activity of the combination of an HSP90 inhibitor and a PI3K/mTOR dual inhibitor against cholangiocarcinoma. <i>Oncotarget</i> , 2014, 5, 2372-2389.	1.8	58
77	Imatinib escalation or sunitinib treatment after first-line imatinib in metastatic gastrointestinal stromal tumor patients. <i>Anticancer Research</i> , 2014, 34, 5029-36.	1.1	14
78	Clinical significance of pathological complete response in patients with metastatic gastrointestinal stromal tumors after imatinib mesylate treatment—lessons learned. <i>Anticancer Research</i> , 2014, 34, 6617-25.	1.1	7
79	Dual-Incision Laparoscopic Surgery for Peritoneal Dialysis Catheter Implantation and Fixation: A Novel, Simple, and Safe Procedure. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2013, 23, 673-678.	1.0	11
80	Bladeless trocar versus traditional trocar for patients undergoing laparoscopic cholecystectomy. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2012, 44, 408-412.	0.7	3
81	Integrating Bioinformatics and Clinicopathological Research of Gastrointestinal Stromal Tumors: Identification of Aurora Kinase A as a Poor Risk Marker. <i>Annals of Surgical Oncology</i> , 2012, 19, 3491-3499.	1.5	26
82	Imatinib Mesylate for Patients with Recurrent or Metastatic Gastrointestinal Stromal Tumors Expressing KIT: A Decade Experience from Taiwan. <i>Translational Oncology</i> , 2011, 4, 328-335.	3.7	24
83	Aggressive Surgical Approach for Patients with T4 Gastric Carcinoma: Promise or Myth?. <i>Annals of Surgical Oncology</i> , 2011, 18, 1606-1614.	1.5	51
84	Sunitinib for Taiwanese patients with gastrointestinal stromal tumor after imatinib treatment failure or intolerance. <i>World Journal of Gastroenterology</i> , 2011, 17, 2113.	3.3	27