

Chao Sun

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

3,398
citations

331670

21
h-index

155660

55
g-index

106
all docs

106
docs citations

106
times ranked

4274
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Immune-Inflammation Index Predicts Prognosis of Patients after Curative Resection for Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2014, 20, 6212-6222.	7.0	1,012
2	Genome sequence of the model medicinal mushroom <i>Ganoderma lucidum</i> . <i>Nature Communications</i> , 2012, 3, 913.	12.8	458
3	Analysis of the Genome Sequence of the Medicinal Plant <i>Salvia miltiorrhiza</i> . <i>Molecular Plant</i> , 2016, 9, 949-952.	8.3	255
4	De novo sequencing and analysis of the American ginseng root transcriptome using a GS FLX Titanium platform to discover putative genes involved in ginsenoside biosynthesis. <i>BMC Genomics</i> , 2010, 11, 262.	2.8	240
5	Analysis of the transcriptome of <i>Panax notoginseng</i> root uncovers putative triterpene saponin-biosynthetic genes and genetic markers. <i>BMC Genomics</i> , 2011, 12, S5.	2.8	125
6	Transcriptome analysis reveals ginsenosides biosynthetic genes, microRNAs and simple sequence repeats in <i>Panax ginseng</i> C. A. Meyer. <i>BMC Genomics</i> , 2013, 14, 245.	2.8	115
7	Crystallinity and stability of covalent organic frameworks. <i>Science China Chemistry</i> , 2020, 63, 1367-1390.	8.2	95
8	De novo characterization of the root transcriptome of a traditional Chinese medicinal plant <i>Polygonum cuspidatum</i> . <i>Science China Life Sciences</i> , 2012, 55, 452-466.	4.9	80
9	EST analysis reveals putative genes involved in glycyrrhizin biosynthesis. <i>BMC Genomics</i> , 2010, 11, 268.	2.8	79
10	Discovery of WRKY transcription factors through transcriptome analysis and characterization of a novel methyl jasmonate-inducible PqWRKY1 gene from <i>Panax quinquefolius</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 269-277.	2.3	76
11	Comparison of 454-ESTs from <i>Huperzia serrata</i> and <i>Phlegmarius carinatus</i> reveals putative genes involved in lycopodium alkaloid biosynthesis and developmental regulation. <i>BMC Plant Biology</i> , 2010, 10, 209.	3.6	62
12	A polymeric nanoparticle formulation of curcumin in combination with sorafenib synergistically inhibits tumor growth and metastasis in an orthotopic model of human hepatocellular carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 525-532.	2.1	59
13	Biosynthetic pathway of terpenoid indole alkaloids in <i>Catharanthus roseus</i> . <i>Frontiers of Medicine</i> , 2014, 8, 285-293.	3.4	57
14	Transcriptome profiling and comparative analysis of <i>Panax ginseng</i> adventitious roots. <i>Journal of Ginseng Research</i> , 2014, 38, 278-288.	5.7	53
15	Iso-Seq analysis of the <i>Taxus cuspidata</i> transcriptome reveals the complexity of Taxol biosynthesis. <i>BMC Plant Biology</i> , 2019, 19, 210.	3.6	49
16	The Professional Identity of Nursing Students and Their Intention to Leave the Nursing Profession During the Coronavirus Disease (COVID-19) Pandemic. <i>The Journal of Nursing Research: JNR</i> , 2021, 29, e139.	1.7	48
17	Transcript profiles of <i>Panax quinquefolius</i> from flower, leaf and root bring new insights into genes related to ginsenosides biosynthesis and transcriptional regulation. <i>Physiologia Plantarum</i> , 2010, 138, 134-149.	5.2	46
18	Functional genomics of a living fossil tree, <i>Ginkgo</i> , based on next-generation sequencing technology. <i>Physiologia Plantarum</i> , 2011, 143, 207-218.	5.2	41

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19	Evaluation of a deep learning-based computer-aided diagnosis system for distinguishing benign from malignant thyroid nodules in ultrasound images. <i>Medical Physics</i> , 2020, 47, 3952-3960.	3.0	31
20	Long non-coding RNA00364 represses hepatocellular carcinoma cell proliferation via modulating p-STAT3-IFIT2 signaling axis. <i>Oncotarget</i> , 2017, 8, 102006-102019.	1.8	30
21	Full-length sequencing of ginkgo transcriptomes for an in-depth understanding of flavonoid and terpenoid trilactone biosynthesis. <i>Gene</i> , 2020, 758, 144961.	2.2	22
22	Promyelocytic leukemia protein induces arsenic trioxide resistance through regulation of aldehyde dehydrogenase 3 family member A1 in hepatocellular carcinoma. <i>Cancer Letters</i> , 2015, 366, 112-122.	7.2	21
23	Tumour-suppressive role of PTPN13 in hepatocellular carcinoma and its clinical significance. <i>Tumor Biology</i> , 2016, 37, 9691-9698.	1.8	20
24	Selection and validation of reference genes for normalization of quantitative real-time reverse transcription PCR analysis in <i>Poria cocos</i> (Schw.) Wolf (Fuling). <i>Chinese Medicine</i> , 2016, 11, 8.	4.0	19
25	The Landscape of Cell and Gene Therapies for Solid Tumors. <i>Cancer Cell</i> , 2021, 39, 7-8.	16.8	18
26	Hybrid sequencing of the <i>Gynostemma pentaphyllum</i> transcriptome provides new insights into gypenoside biosynthesis. <i>BMC Genomics</i> , 2019, 20, 632.	2.8	16
27	Clinical development of immuno-oncology in China. <i>Lancet Oncology</i> , The, 2020, 21, 1013-1016.	10.7	16
28	Combined morphine and limb remote ischemic preconditioning provides an enhanced protection against myocardial ischemia/reperfusion injury by antiapoptosis. <i>Journal of Surgical Research</i> , 2016, 202, 13-25.	1.6	15
29	An Evaluation Method of Urban Public Transport Facilities Resource Supply Based on Accessibility. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-11.	1.7	15
30	Comprehensive Genomic Profiling of Rare Tumors: Routes to Targeted Therapies. <i>Frontiers in Oncology</i> , 2020, 10, 536.	2.8	15
31	Dosimetry-based prediction of radiation-induced hypothyroidism in nasopharyngeal carcinoma patients. <i>Physica Medica</i> , 2021, 89, 219-225.	0.7	15
32	Availability of anticancer biosimilars in 40 countries. <i>Lancet Oncology</i> , The, 2020, 21, 197-201.	10.7	13
33	The <i>Wolfiporia cocos</i> Genome and Transcriptome Shed Light on the Formation of Its Edible and Medicinal Sclerotium. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 455-467.	6.9	11
34	Hybrid Sequencing of Full-Length cDNA Transcripts of the Medicinal Plant <i>Scutellaria baicalensis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4426.	4.1	9
35	Fate of deoxynivalenol and degradation products degraded by aqueous ozone in contaminated wheat. <i>Food Research International</i> , 2020, 137, 109357.	6.2	9
36	Effect of physical manipulation pulmonary rehabilitation on lung cancer patients after thoracoscopic lobectomy. <i>Thoracic Cancer</i> , 2022, 13, 308-315.	1.9	9

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37	Pharmacoeconomic Evaluation of Cancer Biosimilars Worldwide: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 572569.	3.5	8
38	Cloning and Bioinformatic Analysis of HMGS and HMGR Genes from <i>Panax notoginseng</i> . <i>Chinese Herbal Medicines</i> , 2016, 8, 344-351.	3.0	7
39	Complete chloroplast genome sequence of <i>Fritillaria unibracteata</i> var. <i>wabuensis</i> based on SMRT Sequencing Technology. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3757-3758.	0.7	7
40	Effect of Autophagy Inhibition on the Protection of Ischemia Preconditioning against Myocardial Ischemia/Reperfusion Injury in Diabetic Rats. <i>Chinese Medical Journal</i> , 2018, 131, 1702-1709.	2.3	7
41	Improved light-transmission method for the study of LNAPL migration and distribution rule. <i>Water Science and Technology</i> , 2015, 71, 1576-1585.	2.5	6
42	A Novel Method to Fabricate Nitrogen and Oxygen Co-Doped Flexible Cotton-Based Electrode for Wearable Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 4049-4058.	3.4	6
43	Contrast-enhanced ultrasound-based nomogram for predicting malignant involvements among sonographically indeterminate/suspicious cervical lymph nodes in patients with differentiated thyroid carcinoma. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 1579-1589.	1.5	6
44	Electroacupuncture for Pain Treatment after Total Knee Arthroplasty. <i>Acupuncture in Medicine</i> , 2015, 33, 433-433.	1.0	5
45	Influences of preoperative opioid use on acute pain and analgesic requirement after total knee arthroplasty. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 682-683.	1.6	5
46	The fabrication of hierarchically porous carbon-coated nickel oxide nanomaterials with enhanced electrochemical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 20641-20653.	2.2	5
47	Recent developments in the pathogenesis of pruritus in bullous pemphigoid. <i>International Journal of Dermatology</i> , 2021, 60, 1441-1448.	1.0	5
48	Whole-exome sequencing reveals genetic underpinnings of salivary adenoid cystic carcinoma in the Chinese population. <i>Journal of Genetics and Genomics</i> , 2020, 47, 397-401.	3.9	4
49	Use of a 90-degree anticlockwise tube rotation to facilitate nasotracheal tube passage over the fiberscope into the trachea in pediatric patients. <i>Paediatric Anaesthesia</i> , 2016, 26, 565-566.	1.1	3
50	Is Nadir Oxygen Delivery on Cardiopulmonary Bypass an Independent Risk Factor for Acute Kidney Injury After Cardiac Surgery?. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1631.	1.3	3
51	Assessing interaction between dexmedetomidine and propofol. <i>Journal of Anesthesia</i> , 2017, 31, 156-156.	1.7	3
52	Platform study of genotyping-guided precision medicine for rare solid tumours: a study protocol for a phase II, non-randomised, 18-month, open-label, multiarm, single-centre clinical trial testing the safety and efficacy of multiple Chinese-approved targeted drugs and PD-1 inhibitors in the treatment of metastatic rare tumours. <i>BMJ Open</i> , 2021, 11, e044543.	1.9	3
53	In Vivo Production of HN Protein Increases the Protection Rates of a Minicircle DNA Vaccine against Genotype VII Newcastle Disease Virus. <i>Vaccines</i> , 2021, 9, 723.	4.4	3
54	Transcriptome sequencing with nanopore technology for acquiring a deeper understanding of abscisic acid regulation of secondary mechanisms in <i>Salvia miltiorrhiza</i> . <i>Industrial Crops and Products</i> , 2022, 177, 114535.	5.2	3

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55	Characterization of β -Cadinene Enzymes in <i>Ganoderma lucidum</i> and <i>Ganoderma sinensis</i> from Basidiomycetes Provides Insight into the Identification of Terpenoid Synthases. <i>ACS Omega</i> , 2022, 7, 7229-7239.	3.5	3
56	Multi-objective land use optimization based on low-carbon development using NSGA-II. , 2013, , .		2
57	Advances in Transcriptomic Studies and Ginsenoside Biosynthesis of American Ginseng. <i>Chinese Herbal Medicines</i> , 2015, 7, 116-122.	3.0	2
58	Awake fiberoptic intubation without complaints. <i>Journal of Clinical Anesthesia</i> , 2015, 27, 616-617.	1.6	2
59	Assessing the protective effect of remote ischemic preconditioning on acute kidney injury after coronary artery bypass graft surgery. <i>Kidney International</i> , 2015, 88, 1195.	5.2	2
60	Association of Preoperative Anemia With Complications and Mortality Following Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 2043-2044.	3.1	2
61	Difficult Airway Management. <i>Chinese Medical Journal</i> , 2016, 129, 1886-1887.	2.3	2
62	Predicting difficult laryngoscopy using ultrasound technique. <i>Journal of Critical Care</i> , 2016, 34, 131-132.	2.2	2
63	Comparing Emergency Intubation with Direct and Video Laryngoscopy. <i>Academic Emergency Medicine</i> , 2016, 23, 747-748.	1.8	2
64	Assessing association between duration of postoperative acute kidney injury and in-hospital mortality after noncardiac surgery. <i>Renal Failure</i> , 2016, 38, 342-343.	2.1	2
65	Comparing performance of Bonfils fiberscope and GlideScope videolaryngoscope for awake intubation. <i>Journal of Clinical Anesthesia</i> , 2017, 36, 10-11.	1.6	2
66	Analysis of patterns and risk factors regarding the onset of nodules in the contralateral thyroid lobe during follow-up ultrasonography among patients after unilateral lobectomy for the treatment of papillary thyroid carcinoma. <i>Head and Neck</i> , 2020, 42, 819-827.	2.0	2
67	Association Between Anesthesia Techniques and Postoperative Complications in Older Adults with Dementia Undergoing Hip Fracture Surgery. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1973-1974.	2.6	1
68	Is fluid resuscitation with high-volume hydroxyethyl starch safe for the kidney in trauma patients?. <i>Injury</i> , 2015, 46, 1698-1699.	1.7	1
69	Measures to facilitate endotracheal tube-assisted orogastric tube insertion. <i>American Journal of Emergency Medicine</i> , 2015, 33, 304.	1.6	1
70	Head elevation and improved laryngoscopic view. <i>Journal of Clinical Anesthesia</i> , 2015, 27, 439-440.	1.6	1
71	Association Between Acute Kidney Injury and Hemodilution During Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1967.	1.3	1
72	Association of intraoperative vasopressin administration with acute postoperative kidney injury and outcomes after coronary artery bypass surgery. <i>Journal of Critical Care</i> , 2016, 31, 278-279.	2.2	1

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73	Is longer storage time of red blood cells really not associated with risks of delirium and complications after hip fracture surgery?. <i>Injury</i> , 2016, 47, 1359-1360.	1.7	1
74	Use of Almelo Hip Fracture Score to predict early mortality following hip fracture surgery. <i>Injury</i> , 2016, 47, 2601-2602.	1.7	1
75	Does ulinastatin really reduce incidence of acute kidney injury after cardiac surgery?. <i>Critical Care</i> , 2016, 20, 112.	5.8	1
76	Letter to the Editor: Low Albumin Levels, More Than Morbid Obesity, Are Associated With Complications After TKA. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 600-601.	1.5	1
77	Association of Perioperative Transfusion with 30-Day Morbidity and Mortality after Vascular Surgery. <i>Annals of Vascular Surgery</i> , 2016, 31, 252-253.	0.9	1
78	Comparing Local Infiltration and Continuous Femoral Nerve Block for Pain Relief After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 1133-1134.	3.1	1
79	Comparing the Intubation Performance of Macintosh and Airtraq Laryngoscopes. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 69-70.	1.2	1
80	A simple method to control the distal tip of nasotracheal tube using the surgical suture. <i>Journal of Clinical Anesthesia</i> , 2017, 38, 27-28.	1.6	1
81	Assessing postoperative acute kidney injury in high-risk patients undergoing major abdominal surgery. <i>Journal of Critical Care</i> , 2017, 37, 255-256.	2.2	1
82	Land use change monitoring on the process of urbanization in the Central Plains Economic Zone based on remote sensing and GIS technologies. , 2013, , .		0
83	Electronic and optical properties of InGaAs/GaAs quantum dots with tunable aspect-ratio. <i>Modern Physics Letters B</i> , 2014, 28, 1450072.	1.9	0
84	Assessing relationship between admission blood glucose level and prognosis after emergency noncardiac surgery. <i>Internal and Emergency Medicine</i> , 2015, 10, 885-886.	2.0	0
85	Assessing risk factors of acute kidney injury after liver transplantation. <i>Annals of Hepatology</i> , 2015, 14, 937-938.	1.5	0
86	Comparing general and spinal anaesthesia for hip fracture surgery. <i>Injury</i> , 2015, 46, 2083-2084.	1.7	0
87	Comparing airway topical anaesthesia techniques for awake fiberoptic intubation. <i>European Journal of Anaesthesiology</i> , 2016, 33, 592-593.	1.7	0
88	Performance of Clinical Risk Model for Prediction of Long-Term Survival Following Coronary Artery Bypass Grafting. <i>Journal of Cardiac Surgery</i> , 2016, 31, 332-333.	0.7	0
89	Assessing cardiac and kidney protective effects by remote ischemic preconditioning in cardiac surgery patients. <i>Journal of Cardiology</i> , 2016, 67, 392-393.	1.9	0
90	Acute Kidney Injury With Buffered Crystalloids vs Saline Among ICU Patients. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1518.	7.4	0

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91	Association of Obesity with Short-Term Adverse Outcomes after Abdominal Aortic Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2016, 35, 242-243.	0.9	0
92	Association of Pneumonia With Short- and Long-Term Mortality After Cardiac Surgery. <i>Journal of Intensive Care Medicine</i> , 2016, 31, 420-421.	2.8	0
93	Association of perioperative transfusion with outcomes after amputation. <i>Surgery</i> , 2016, 159, 983-984.	1.9	0
94	The risk factors for postoperative pulmonary complications after head and neck cancer surgery. <i>Journal of Clinical Anesthesia</i> , 2016, 30, 33-34.	1.6	0
95	Assessing risk factors for in-hospital acute myocardial infarction after total joint arthroplasty. <i>International Orthopaedics</i> , 2016, 40, 641-642.	1.9	0
96	Assessing relationship between preoperative hemoglobin A1c levels and long-term mortality after coronary artery bypass grafting. <i>International Journal of Cardiology</i> , 2016, 206, 114-115.	1.7	0
97	Assessing change trends over time in preoperative comorbidities and postoperative complications after total knee arthroplasty. <i>Journal of Clinical Anesthesia</i> , 2016, 29, 15-16.	1.6	0
98	Regarding "The association of perioperative transfusion with 30-day morbidity and mortality in patients undergoing major vascular surgery" <i>Journal of Vascular Surgery</i> , 2016, 63, 298.	1.1	0
99	Pulmonary Protective Effect of Remote Ischaemic Preconditioning with Postconditioning in Patients Undergoing Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2016, 25, 1039-1040.	0.4	0
100	Does blood transfusion really worsen postoperative outcomes of patients undergoing hepatectomy?. <i>Surgery</i> , 2017, 161, 564-565.	1.9	0