

# Chao Sun

## List of Publications by Year in descending order

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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	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
2	Characterization of $\beta$ -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
3	Effect of physical manipulation pulmonary rehabilitation on lung cancer patients after thoracoscopic lobectomy. <i>Thoracic Cancer</i> , 2022, 13, 308-315.	1.9	9
4	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
5	Recent developments in the pathogenesis of pruritus in bullous pemphigoid. <i>International Journal of Dermatology</i> , 2021, 60, 1441-1448.	1.0	5
6	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
7	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
8	Dosimetry-based prediction of radiation-induced hypothyroidism in nasopharyngeal carcinoma patients. <i>Physica Medica</i> , 2021, 89, 219-225.	0.7	15
9	The Landscape of Cell and Gene Therapies for Solid Tumors. <i>Cancer Cell</i> , 2021, 39, 7-8.	16.8	18
10	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
11	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
12	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
13	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
14	Pharmacoeconomic Evaluation of Cancer Biosimilars Worldwide: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 572569.	3.5	8
15	Clinical development of immuno-oncology in China. <i>Lancet Oncology</i> , The, 2020, 21, 1013-1016.	10.7	16
16	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
17	Crystallinity and stability of covalent organic frameworks. <i>Science China Chemistry</i> , 2020, 63, 1367-1390.	8.2	95
18	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

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19	Fate of deoxynivalenol and degradation products degraded by aqueous ozone in contaminated wheat. <i>Food Research International</i> , 2020, 137, 109357.	6.2	9
20	Comprehensive Genomic Profiling of Rare Tumors: Routes to Targeted Therapies. <i>Frontiers in Oncology</i> , 2020, 10, 536.	2.8	15
21	Availability of anticancer biosimilars in 40 countries. <i>Lancet Oncology</i> , The, 2020, 21, 197-201.	10.7	13
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Does blood transfusion really worsen postoperative outcomes of patients undergoing hepatectomy?. <i>Surgery</i> , 2017, 161, 564-565.	1.9	0
30	Comparing the Intubation Performance of Macintosh and Airtraq Laryngoscopes. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 69-70.	1.2	1
31	Comparing performance of Bonfils fiberscope and GlideScope videolaryngoscope for awake intubation. <i>Journal of Clinical Anesthesia</i> , 2017, 36, 10-11.	1.6	2
32	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
33	Assessing interaction between dexmedetomidine and propofol. <i>Journal of Anesthesia</i> , 2017, 31, 156-156.	1.7	3
34	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
35	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
36	Difficult Airway Management. <i>Chinese Medical Journal</i> , 2016, 129, 1886-1887.	2.3	2

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37	Comparing airway topical anaesthesia techniques for awake fiberoptic intubation. <i>European Journal of Anaesthesiology</i> , 2016, 33, 592-593.	1.7	0
38	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
39	Use of a 90° 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
40	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
41	Tumour-suppressive role of PTPN13 in hepatocellular carcinoma and its clinical significance. <i>Tumor Biology</i> , 2016, 37, 9691-9698.	1.8	20
42	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
43	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
44	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
45	Predicting difficult laryngoscopy using ultrasound technique. <i>Journal of Critical Care</i> , 2016, 34, 131-132.	2.2	2
46	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
47	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
48	Use of Almelo Hip Fracture Score to predict early mortality following hip fracture surgery. <i>Injury</i> , 2016, 47, 2601-2602.	1.7	1
49	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
50	Does ulinastatin really reduce incidence of acute kidney injury after cardiac surgery?. <i>Critical Care</i> , 2016, 20, 112.	5.8	1
51	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
52	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
53	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
54	Association of perioperative transfusion with outcomes after amputation. <i>Surgery</i> , 2016, 159, 983-984.	1.9	0

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55	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
56	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
57	Comparing Emergency Intubation with Direct and Video Laryngoscopy. <i>Academic Emergency Medicine</i> , 2016, 23, 747-748.	1.8	2
58	Assessing risk factors for in-hospital acute myocardial infarction after total joint arthroplasty. <i>International Orthopaedics</i> , 2016, 40, 641-642.	1.9	0
59	Analysis of the Genome Sequence of the Medicinal Plant <i>Salvia miltiorrhiza</i> . <i>Molecular Plant</i> , 2016, 9, 949-952.	8.3	255
60	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
61	Combined morphine and limb remote ischemic preconditioning provides an enhanced protection against myocardial ischemia/reperfusion injury by $\Delta$ antiapoptosis. <i>Journal of Surgical Research</i> , 2016, 202, 13-25.	1.6	15
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	Assessing risk factors of acute kidney injury after liver transplantation. <i>Annals of Hepatology</i> , 2015, 14, 937-938.	1.5	0
72	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

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73	Electroacupuncture for Pain Treatment after Total Knee Arthroplasty. <i>Acupuncture in Medicine</i> , 2015, 33, 433-433.	1.0	5
74	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
75	Measures to facilitate endotracheal tube-assisted orogastric tube insertion. <i>American Journal of Emergency Medicine</i> , 2015, 33, 304.	1.6	1
76	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
77	Comparing general and spinal anaesthesia for hip fracture surgery. <i>Injury</i> , 2015, 46, 2083-2084.	1.7	0
78	Advances in Transcriptomic Studies and Ginsenoside Biosynthesis of American Ginseng. <i>Chinese Herbal Medicines</i> , 2015, 7, 116-122.	3.0	2
79	Head elevation and improved laryngoscopic view. <i>Journal of Clinical Anesthesia</i> , 2015, 27, 439-440.	1.6	1
80	Awake fiberoptic intubation without complaints. <i>Journal of Clinical Anesthesia</i> , 2015, 27, 616-617.	1.6	2
81	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
82	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
83	Association of Preoperative Anemia With Complications and Mortality Following Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 2043-2044.	3.1	2
84	Association Between Acute Kidney Injury and Hemodilution During Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1967.	1.3	1
85	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
86	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
87	Biosynthetic pathway of terpenoid indole alkaloids in <i>Catharanthus roseus</i> . <i>Frontiers of Medicine</i> , 2014, 8, 285-293.	3.4	57
88	Transcriptome profiling and comparative analysis of Panax ginseng adventitious roots. <i>Journal of Ginseng Research</i> , 2014, 38, 278-288.	5.7	53
89	Transcriptome analysis reveals ginsenosides biosynthetic genes, microRNAs and simple sequence repeats in Panax ginseng. <i>BMC Genomics</i> , 2013, 14, 245.	2.8	115
90	Discovery of WRKY transcription factors through transcriptome analysis and characterization of a novel methyl jasmonate-inducible PqWRKY1 gene from Panax quinquefolius. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 269-277.	2.3	76

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91	Multi-objective land use optimization based on low-carbon development using NSGA-II. , 2013, , .		2
92	Land use change monitoring on the process of urbanization in the Central Plains Economic Zone based on remote sensing and GIS technologies. , 2013, , .		0
93	Genome sequence of the model medicinal mushroom <i>Ganoderma lucidum</i> . Nature Communications, 2012, 3, 913.	12.8	458
94	De novo characterization of the root transcriptome of a traditional Chinese medicinal plant <i>Polygonum cuspidatum</i> . Science China Life Sciences, 2012, 55, 452-466.	4.9	80
95	Functional genomics of a living fossil tree, <i>Ginkgo</i> , based on next-generation sequencing technology. Physiologia Plantarum, 2011, 143, 207-218.	5.2	41
96	Analysis of the transcriptome of <i>Panax notoginseng</i> root uncovers putative triterpene saponin-biosynthetic genes and genetic markers. BMC Genomics, 2011, 12, S5.	2.8	125
97	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. BMC Genomics, 2010, 11, 262.	2.8	240
98	EST analysis reveals putative genes involved in glycyrrhizin biosynthesis. BMC Genomics, 2010, 11, 268.	2.8	79
99	Comparison of 454-ESTs from <i>Huperzia serrata</i> and <i>Phlegmariurus carinatus</i> reveals putative genes involved in lycopodium alkaloid biosynthesis and developmental regulation. BMC Plant Biology, 2010, 10, 209.	3.6	62
100	Transcript profiles of <i>Panax quinquefolius</i> from flower, leaf and root bring new insights into genes related to ginsenosides biosynthesis and transcriptional regulation. Physiologia Plantarum, 2010, 138, 134-149.	5.2	46