

# Zheng Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

2,047

citations

21

h-index

44

g-index

85

ext. papers

2,724

ext. citations

5.1

avg, IF

5.01

L-index

#	Paper	IF	Citations
82	Tumor-Associated Neutrophils Recruit Macrophages and T-Regulatory Cells to Promote Progression of Hepatocellular Carcinoma and Resistance to Sorafenib. <i>Gastroenterology</i> , <b>2016</b> , 150, 1646-1658.	13.3	338
81	Guidelines for Diagnosis and Treatment of Primary Liver Cancer in China (2017 Edition). <i>Liver Cancer</i> , <b>2018</b> , 7, 235-260	9.1	291
80	miR-28-5p-IL-34-macrophage feedback loop modulates hepatocellular carcinoma metastasis. <i>Hepatology</i> , <b>2016</b> , 63, 1560-75	11.2	137
79	CXCR2/CXCL5 axis contributes to epithelial-mesenchymal transition of HCC cells through activating PI3K/Akt/GSK-3 $\beta$ /Snail signaling. <i>Cancer Letters</i> , <b>2015</b> , 358, 124-135	9.9	127
78	Exploring the effects of economic growth, and renewable and non-renewable energy consumption on China's CO2 emissions: Evidence from a regional panel analysis. <i>Renewable Energy</i> , <b>2019</b> , 140, 341-353	8.1	113
77	Structural properties of polysaccharides from cultivated fruit bodies and mycelium of <i>Cordyceps militaris</i> . <i>Carbohydrate Polymers</i> , <b>2016</b> , 142, 63-72	10.3	105
76	Effects of extraction methods on the yield, chemical structure and anti-tumor activity of polysaccharides from <i>Cordyceps gunnii</i> mycelia. <i>Carbohydrate Polymers</i> , <b>2016</b> , 140, 461-71	10.3	89
75	Adjuvant Transarterial Chemoembolization for HBV-Related Hepatocellular Carcinoma After Resection: A Randomized Controlled Study. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 2074-2081	12.9	84
74	Bis(imino)pyridines Incorporating Doubly Fused Eight-Membered Rings as Conformationally Flexible Supports for Cobalt Ethylene Polymerization Catalysts. <i>Organometallics</i> , <b>2018</b> , 37, 380-389	3.8	61
73	MicroRNA-29a induces loss of 5-hydroxymethylcytosine and promotes metastasis of hepatocellular carcinoma through a TET-SOCS1-MMP9 signaling axis. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2906	9.8	48
72	Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy for Unresectable Hepatitis B Virus-related Hepatocellular Carcinoma: A Single Center Study of 45 Patients. <i>Annals of Surgery</i> , <b>2020</b> , 271, 534-541	7.8	41
71	Targeting NLRP3 (Nucleotide-Binding Domain, Leucine-Rich-Containing Family, Pyrin Domain-Containing-3) Inflammasome in Cardiovascular Disorders. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 2765-2779	9.4	33
70	Azadirachtin-induced apoptosis involves lysosomal membrane permeabilization and cathepsin L release in <i>Spodoptera frugiperda</i> Sf9 cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 64, 126-35	5.6	32
69	Genomic sequencing identifies WNK2 as a driver in hepatocellular carcinoma and a risk factor for early recurrence. <i>Journal of Hepatology</i> , <b>2019</b> , 71, 1152-1163	13.4	28
68	PI-88 inhibits postoperative recurrence of hepatocellular carcinoma via disrupting the surge of heparanase after liver resection. <i>Tumor Biology</i> , <b>2016</b> , 37, 2987-98	2.9	26
67	Assessing the moisture migration during microwave drying of coal using low-field nuclear magnetic resonance. <i>Drying Technology</i> , <b>2018</b> , 36, 567-577	2.6	26
66	Influence of fermentation conditions on polysaccharide production and the activities of enzymes involved in the polysaccharide synthesis of <i>Cordyceps militaris</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 3909-21	5.7	26

65	Coupling coordination between environment, economy and tourism: A case study of China. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228426	3.7	25
64	China's provincial CO2 emissions embodied in trade with implications for regional climate policy. <i>Frontiers of Earth Science</i> , <b>2015</b> , 9, 77-90	1.7	22
63	Systemic inflammation score predicts survival in patients with intrahepatic cholangiocarcinoma undergoing curative resection. <i>Journal of Cancer</i> , <b>2019</b> , 10, 494-503	4.5	21
62	Cycloheptyl-fused NNO-ligands as electronically modifiable supports for M(II) (M = Co, Fe) chloride precatalysts; probing performance in ethylene oligo-/polymerization. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3980-3989	2.5	21
61	Evaluation of mechanic damping properties of montmorillonite/organo-modified montmorillonite-reinforced cement paste. <i>Construction and Building Materials</i> , <b>2019</b> , 203, 356-365	6.7	19
60	Intrahepatic cholangiocarcinoma patients without indications of lymph node metastasis not benefit from lymph node dissection. <i>Oncotarget</i> , <b>2017</b> , 8, 113817-113827	3.3	19
59	Promyelocytic leukemia protein induces arsenic trioxide resistance through regulation of aldehyde dehydrogenase 3 family member A1 in hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2015</b> , 366, 112-22	9.9	17
58	Direct Hydrogenation of a Broad Range of Amides under Base-free Conditions using an Efficient and Selective Ruthenium(II) Pincer Catalyst. <i>ChemCatChem</i> , <b>2017</b> , 9, 4275-4281	5.2	17
57	Plastomeric-like polyethylenes achievable using thermally robust N,N'-nickel catalysts appended with electron withdrawing difluorobenzhydryl and nitro groups. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1878-1894 <sup>3</sup>	4.3	16
56	Spatiotemporal Variations in Energy Consumption and Their Influencing Factors in China Based on the Integration of the DMSP-OLS and NPP-VIIRS Nighttime Light Datasets. <i>Remote Sensing</i> , <b>2020</b> , 12, 1151	5	16
55	A Robust Replenishment and Production Control Policy for a Single-Stage Production/Inventory System with Inventory Inaccuracy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 326-337	7.3	15
54	Examining PM2.5 Emissions Embodied in China's Supply Chain Using a Multiregional Input-Output Analysis. <i>Sustainability</i> , <b>2017</b> , 9, 727	3.6	15
53	Cough signal recognition with Gammatone Cepstral Coefficients <b>2013</b> ,		14
52	Policy modeling on the GDP spillovers of carbon abatement policies between China and the United States. <i>Economic Modelling</i> , <b>2010</b> , 27, 40-45	3.4	13
51	Identification of anti-inflammatory constituents from <i>Kalimeris indica</i> with UHPLC-ESI-Q-TOF-MS/MS and GC-MS. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 165, 39-45	5	12
50	Convergence and transition auspice of Chinese regional growth. <i>Annals of Regional Science</i> , <b>2004</b> , 38, 727-739	1.1	11
49	Spatiotemporal variation in reference evapotranspiration and its contributing climatic factors in China under future scenarios. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 3813-3831	3.5	11
48	Risk Factors and Outcomes of Early Relapse After Curative Resection of Intrahepatic Cholangiocarcinoma. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 854	5.3	10

47	Due date assignment and dynamic scheduling of one-of-a-kind assembly production with uncertain processing time. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 616-627	4.3	9
46	Salvage transhepatic arterial embolization after failed stage I ALPPS in a patient with a huge HCC with chronic liver disease: A case report. <i>International Journal of Surgery Case Reports</i> , <b>2017</b> , 39, 131-135 <sup>0.8</sup>		9
45	Celecoxib induces apoptosis via a mitochondria-dependent pathway in the H22 mouse hepatoma cell line. <i>Molecular Medicine Reports</i> , <b>2014</b> , 10, 2093-8	2.9	8
44	Estimation of provincial forest carbon sink capacities in Chinese mainland. <i>Science Bulletin</i> , <b>2011</b> , 56, 883-889		8
43	A safe mining approach for deep outburst coal seam groups with hard-thick sandstone roof: Stepwise risk control based on gas diversion and extraction. <i>Energy Science and Engineering</i> , <b>2020</b> , 8, 2946-2965	3.4	8
42	Iron-sulfur protein in mitochondrial complexes of <i>Spodoptera litura</i> as potential site for ROS generation. <i>Journal of Insect Physiology</i> , <b>2014</b> , 71, 21-9	2.4	7
41	Future Runoff Variation and Flood Disaster Prediction of the Yellow River Basin Based on CA-Markov and SWAT. <i>Land</i> , <b>2021</b> , 10, 421	3.5	7
40	Molecular weight control of polyethylene waxes using a constrained imino-cyclopenta[b]pyridyl-nickel catalyst. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3494-3505	2.5	6
39	Industry cluster: spatial density and optimal scale. <i>Annals of Regional Science</i> , <b>2012</b> , 49, 719-731	1.1	6
38	Children with Steroid-resistant Nephrotic Syndrome: Long-term Outcomes of Sequential Steroid Therapy. <i>Biomedical and Environmental Sciences</i> , <b>2016</b> , 29, 650-655	1.1	6
37	Mapping the resources and approaches facilitating computer-aided synthesis planning. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 812-824	5.2	6
36	Finite Element Analysis of Multipoint Counter Electrode Sensor in Steel Corrosion Rate Measurement. <i>IEEE Sensors Journal</i> , <b>2014</b> , 14, 790-792	4	5
35	Ultra-Sensitive and Affordable Assay for Early Detection of Primary Liver Cancer Using Plasma cfDNA Fragmentomics.. <i>Hepatology</i> , <b>2021</b> ,	11.2	5
34	Automated synthesis: current platforms and further needs. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 2006-2006	8.8	5
33	Optimal RFID Deployment in a Multiple-Stage Production System Under Inventory Inaccuracy and Robust Control Policy. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3230-3242	11.9	5
32	Bioinformatic tools support decision-making in plant disease management. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 953-967	13.1	5
31	An integrated robust replenishment/production/distribution policy under inventory inaccuracy. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 4115-4131	7.8	4
30	Examining drivers of the emissions embodied in trade. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176159	3.7	4

29	Future droughts in China using the standardized precipitation evapotranspiration index (SPEI) under multi-spatial scales. <i>Natural Hazards</i> , <b>2021</b> , 109, 615-636	3	4
28	Effects of Carbon Nanofibers and Carboxyl Functionalized Multi-Walled Carbon Nanotubes on Mechanical Damping Behavior of Cement Paste. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 163-169	1.3	4
27	Experimental Research on Water Migration-Damage Characteristics of Lignite under Microwave Heating. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 1058-1069	4.1	4
26	Surgical Resection plus Radiofrequency Ablation versus Radical Surgery for Hepatocellular Carcinoma: A Propensity Score Matching Analysis. <i>Journal of Cancer</i> , <b>2019</b> , 10, 3933-3940	4.5	3
25	Exosome-depleted MiR-148a-3p derived from Hepatic Stellate Cells Promotes Tumor Progression via ITGA5/PI3K/Akt Axis in Hepatocellular Carcinoma.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 2249-2260	11.2	3
24	A Novel Ohmic-Loss Reduction Control Strategy for Planar Motor. <i>IEEE Transactions on Magnetics</i> , <b>2012</b> , 48, 2997-3000	2	2
23	Joint Ordering and Markdown Policy for Short Lifetime Products With Competitive Price- and Freshness-Based Demand. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 1-13	4.9	2
22	Retraction Note to: Involvement of a Specific Chemosensory Protein from <i>Bactrocera dorsalis</i> in Perceiving Host Plant Volatiles. <i>Journal of Chemical Ecology</i> , <b>2016</b> , 42, 461	2.7	2
21	A Robust Reorder-Time/Order-Quantity Policy Under Invisible Stock Loss. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 3102-3116	7.3	1
20	Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 50	2.1	1
19	Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 1-1	2.1	1
18	How and to what extent can pensions facilitate increased use of health services by older people: evidence from social pension expansion in rural China. <i>BMC Health Services Research</i> , <b>2020</b> , 20, 1008	2.9	1
17	Accounting and Characteristics Analysis of CO2 Emissions in Chinese Cities. <i>Chinese Journal of Urban and Environmental Studies</i> , <b>2020</b> , 08, 2050004	0.3	1
16	Modeling the spatiotemporal dynamics of industrial sulfur dioxide emissions in China based on DMSP-OLS nighttime stable light data. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238696	3.7	1
15	Location and Design of Urban Facilities considering Competitors' Responses: A Case Study of Putuo District, Shanghai. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-12	1.1	1
14	Web resources facilitate drug discovery in treatment of COVID-19. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 2358-2366	3.8	1
13	Effect of Pre-Extrusion on the Microstructure and Properties of Forged Mg-Al-Zn-Ce Alloy. <i>Advanced Engineering Materials</i> , <b>2021</b> , 23, 2001459	3.5	1
12	Analysis of the steady state probability distribution of a manufacturing system under the prioritised hedging point control policy. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 2281-2303	7.8	1

11	Identification and characterization of isocitrate dehydrogenase 1 (IDH1) as a functional target of marine natural product grincamycin B. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 801-813	8	1
10	Development and validation of a non-invasive model for diagnosing HBV-related liver cirrhosis. <i>Clinica Chimica Acta</i> , <b>2021</b> , 523, 525-531	6.2	0
9	Cloning, expression, and characterization of a glycosaminoglycan lyase from <i>Vibrio</i> sp. H240. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 154, 109952	3.8	0
8	Fracture Development Characteristics of Coal under Organic Solvent Erosion and Its Nondestructive Testing Method. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 13788-13800	4.1	0
7	Web-Based Quantitative Structure-Activity Relationship Resources Facilitate Effective Drug Discovery. <i>Topics in Current Chemistry</i> , <b>2021</b> , 379, 37	7.2	0
6	Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426		
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