

Zheng Wang

List of Publications by Year in descending order

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83
papers

3,312
citations

257429

24
h-index

161844

54
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85
all docs

85
docs citations

85
times ranked

4716
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-Associated Neutrophils Recruit Macrophages and T-Regulatory Cells to Promote Progression of Hepatocellular Carcinoma and Resistance to Sorafenib. <i>Gastroenterology</i> , 2016, 150, 1646-1658.e17.	1.3	586
2	Guidelines for Diagnosis and Treatment of Primary Liver Cancer in China (2017 Edition). <i>Liver Cancer</i> , 2018, 7, 235-260.	7.7	426
3	Exploring the effects of economic growth, and renewable and non-renewable energy consumption on China's CO ₂ emissions: Evidence from a regional panel analysis. <i>Renewable Energy</i> , 2019, 140, 341-353.	8.9	227
4	Adjuvant Transarterial Chemoembolization for HBV-Related Hepatocellular Carcinoma After Resection: A Randomized Controlled Study. <i>Clinical Cancer Research</i> , 2018, 24, 2074-2081.	7.0	181
5	miR-285p-34-macrophage feedback loop modulates hepatocellular carcinoma metastasis. <i>Hepatology</i> , 2016, 63, 1560-1575.	7.3	166
6	CXCR2/CXCL5 axis contributes to epithelial-mesenchymal transition of HCC cells through activating PI3K/Akt/GSK-3 β /Snail signaling. <i>Cancer Letters</i> , 2015, 358, 124-135.	7.2	157
7	Structural properties of polysaccharides from cultivated fruit bodies and mycelium of <i>Cordyceps militaris</i> . <i>Carbohydrate Polymers</i> , 2016, 142, 63-72.	10.2	137
8	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> , 2016, 140, 461-471.	10.2	127
9	Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy for Unresectable Hepatitis B Virus-related Hepatocellular Carcinoma. <i>Annals of Surgery</i> , 2020, 271, 534-541.	4.2	88
10	Bis(imino)pyridines Incorporating Doubly Fused Eight-Membered Rings as Conformationally Flexible Supports for Cobalt Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2018, 37, 380-389.	2.3	72
11	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> , 2017, 8, e2906-e2906.	6.3	66
12	Coupling coordination between environment, economy and tourism: A case study of China. <i>PLoS ONE</i> , 2020, 15, e0228426.	2.5	56
13	Genomic sequencing identifies WNK2 as a driver in hepatocellular carcinoma and a risk factor for early recurrence. <i>Journal of Hepatology</i> , 2019, 71, 1152-1163.	3.7	49
14	Targeting NLRP3 (Nucleotide-Binding Domain, Leucine-Rich-Containing Family, Pyrin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (D Vascular Biology, 2018, 38, 2765-2779.	2.4	48
15	Ultrasensitive and affordable assay for early detection of primary liver cancer using plasma cell-free DNA fragmentomics. <i>Hepatology</i> , 2022, 76, 317-329.	7.3	43
16	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> , 2015, 64, 126-135.	2.8	41
17	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> , 2016, 100, 3909-3921.	3.6	39
18	Evaluation of mechanic damping properties of montmorillonite/organo-modified montmorillonite-reinforced cement paste. <i>Construction and Building Materials</i> , 2019, 203, 356-365.	7.2	36

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19	Systemic inflammation score predicts survival in patients with intrahepatic cholangiocarcinoma undergoing curative resection. <i>Journal of Cancer</i> , 2019, 10, 494-503.	2.5	36
20	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> , 2020, 12, 1151.	4.0	34
21	Future Runoff Variation and Flood Disaster Prediction of the Yellow River Basin Based on CA-Markov and SWAT. <i>Land</i> , 2021, 10, 421.	2.9	32
22	Assessing the moisture migration during microwave drying of coal using low-field nuclear magnetic resonance. <i>Drying Technology</i> , 2018, 36, 567-577.	3.1	31
23	Plastomeric-like polyethylenes achievable using thermally robust Ni^2 -nickel catalysts appended with electron withdrawing difluorobenzhydryl and nitro groups. <i>Dalton Transactions</i> , 2019, 48, 1878-1891.	3.3	30
24	PI-88 inhibits postoperative recurrence of hepatocellular carcinoma via disrupting the surge of heparanase after liver resection. <i>Tumor Biology</i> , 2016, 37, 2987-2998.	1.8	29
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> , 2022, 18, 2249-2260.	6.4	27
26	Intrahepatic cholangiocarcinoma patients without indications of lymph node metastasis not benefit from lymph node dissection. <i>Oncotarget</i> , 2017, 8, 113817-113827.	1.8	26
27	China's provincial CO ₂ emissions embodied in trade with implications for regional climate policy. <i>Frontiers of Earth Science</i> , 2015, 9, 77-90.	2.1	23
28	Direct Hydrogenation of a Broad Range of Amides under Base-free Conditions using an Efficient and Selective Ruthenium(II) Pincer Catalyst. <i>ChemCatChem</i> , 2017, 9, 4275-4281.	3.7	23
29	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> , 2017, 55, 3980-3989.	2.3	23
30	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> , 2015, 165, 39-45.	4.1	22
31	Cough signal recognition with Gammatone Cepstral Coefficients. , 2013, , .		21
32	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
33	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> , 2017, 39, 131-135.	0.6	20
34	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> , 2015, 45, 326-337.	9.3	19
35	Spatiotemporal variation in reference evapotranspiration and its contributing climatic factors in China under future scenarios. <i>International Journal of Climatology</i> , 2020, 40, 3813-3831.	3.5	19
36	Automated synthesis: current platforms and further needs. <i>Drug Discovery Today</i> , 2020, 25, 2006-2011.	6.4	19

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37	Estimation of provincial forest carbon sink capacities in Chinese mainland. <i>Science Bulletin</i> , 2011, 56, 883-889.	1.7	16
38	Examining PM2.5 Emissions Embodied in China's Supply Chain Using a Multiregional Input-Output Analysis. <i>Sustainability</i> , 2017, 9, 727.	3.2	16
39	Risk Factors and Outcomes of Early Relapse After Curative Resection of Intrahepatic Cholangiocarcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 854.	2.8	16
40	Convergence and transition auspice of Chinese regional growth. <i>Annals of Regional Science</i> , 2004, 38, 727-739.	2.1	14
41	Policy modeling on the GDP spillovers of carbon abatement policies between China and the United States. <i>Economic Modelling</i> , 2010, 27, 40-45.	3.8	14
42	Bioinformatic tools support decision-making in plant disease management. <i>Trends in Plant Science</i> , 2021, 26, 953-967.	8.8	14
43	Experimental Research on Water Migration-Damage Characteristics of Lignite under Microwave Heating. <i>Energy & Fuels</i> , 2021, 35, 1058-1069.	5.1	14
44	Celecoxib induces apoptosis via a mitochondria-dependent pathway in the H22 mouse hepatoma cell line. <i>Molecular Medicine Reports</i> , 2014, 10, 2093-2098.	2.4	12
45	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> , 2015, 28, 616-627.	4.6	12
46	Future droughts in China using the standardized precipitation evapotranspiration index (SPEI) under multi-spatial scales. <i>Natural Hazards</i> , 2021, 109, 615-636.	3.4	11
47	Molecular weight control of polyethylene waxes using a constrained imino-cyclopenta[<i>b</i>]pyridyl-nickel catalyst. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3494-3505.	2.3	10
48	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> , 2020, 20, 1008.	2.2	10
49	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> , 2020, 8, 2946-2965.	4.0	10
50	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> , 2021, 18, 1956-1968.	5.2	10
51	Mapping the resources and approaches facilitating computer-aided synthesis planning. <i>Organic Chemistry Frontiers</i> , 2021, 8, 812-824.	4.5	10
52	Industry cluster: spatial density and optimal scale. <i>Annals of Regional Science</i> , 2012, 49, 719-731.	2.1	9
53	An integrated robust replenishment/production/distribution policy under inventory inaccuracy. <i>International Journal of Production Research</i> , 2018, 56, 4115-4131.	7.5	9
54	Optimal RFID Deployment in a Multiple-Stage Production System Under Inventory Inaccuracy and Robust Control Policy. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 3230-3242.	11.3	9

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55	Children with Steroid-resistant Nephrotic Syndrome: Long-term Outcomes of Sequential Steroid Therapy. <i>Biomedical and Environmental Sciences</i> , 2016, 29, 650-655.	0.2	9
56	Iron-sulfur protein in mitochondrial complexes of <i>Spodoptera litura</i> as potential site for ROS generation. <i>Journal of Insect Physiology</i> , 2014, 71, 21-29.	2.0	8
57	Web-Based Quantitative Structure-Activity Relationship Resources Facilitate Effective Drug Discovery. <i>Topics in Current Chemistry</i> , 2021, 379, 37.	5.8	8
58	Finite Element Analysis of Multipoint Counter Electrode Sensor in Steel Corrosion Rate Measurement. <i>IEEE Sensors Journal</i> , 2014, 14, 790-792.	4.7	7
59	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> , 2019, 19, 163-169.	0.9	6
60	Fracture Development Characteristics of Coal under Organic Solvent Erosion and Its Nondestructive Testing Method. <i>Energy & Fuels</i> , 2021, 35, 13788-13800.	5.1	6
61	Accounting and Characteristics Analysis of CO ₂ Emissions in Chinese Cities. <i>Chinese Journal of Urban and Environmental Studies</i> , 2020, 08, 2050004.	1.3	5
62	Identification and characterization of isocitrate dehydrogenase 1 (IDH1) as a functional target of marine natural product grincamycin B. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 801-813.	6.1	5
63	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> , 2020, 20, 1-1.	1.8	5
64	Surgical Resection plus Radiofrequency Ablation versus Radical Surgery for Hepatocellular Carcinoma: A Propensity Score Matching Analysis. <i>Journal of Cancer</i> , 2019, 10, 3933-3940.	2.5	4
65	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> , 2019, 57, 2281-2303.	7.5	4
66	Location and Design of Urban Facilities considering Competitors' Responses: A Case Study of Putuo District, Shanghai. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	4
67	Web resources facilitate drug discovery in treatment of COVID-19. <i>Drug Discovery Today</i> , 2021, 26, 2358-2366.	6.4	4
68	Examining drivers of the emissions embodied in trade. <i>PLoS ONE</i> , 2017, 12, e0176159.	2.5	4
69	A Robust Reorder-Time/Order-Quantity Policy Under Invisible Stock Loss. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 3102-3116.	9.3	3
70	Modeling the spatiotemporal dynamics of industrial sulfur dioxide emissions in China based on DMSP-OLS nighttime stable light data. <i>PLoS ONE</i> , 2020, 15, e0238696.	2.5	3
71	Cloning, expression, and characterization of a glycosaminoglycan lyase from <i>Vibrio</i> sp. H240. <i>Enzyme and Microbial Technology</i> , 2022, 154, 109952.	3.2	3
72	A Novel Ohmic-Loss Reduction Control Strategy for Planar Motor. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 2997-3000.	2.1	2

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73	Development and validation of a non-invasive model for diagnosing HBV-related liver cirrhosis. Clinica Chimica Acta, 2021, 523, 525-531.	1.1	2
74	Effect of Preâ€œExtrusion on the Microstructure and Properties of Forged Mgâˆ”Alâˆ”Znâˆ”Ce Alloy. Advanced Engineering Materials, 2021, 23, 2001459.	3.5	1
75	Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. Experimental and Therapeutic Medicine, 2020, 20, 50.	1.8	1
76	Integrated optimal production and energy control of a single machine and single product-type manufacturing system. , 2016, , .		0
77	A Markov decision process model for inventory control under invisible stock loss and inaccurate record. , 2017, , .		0
78	Coupling coordination between environment, economy and tourism: A case study of China. , 2020, 15, e0228426.		0
79	Coupling coordination between environment, economy and tourism: A case study of China. , 2020, 15, e0228426.		0
80	Coupling coordination between environment, economy and tourism: A case study of China. , 2020, 15, e0228426.		0
81	Coupling coordination between environment, economy and tourism: A case study of China. , 2020, 15, e0228426.		0
82	Coupling coordination between environment, economy and tourism: A case study of China. , 2020, 15, e0228426.		0
83	Coupling coordination between environment, economy and tourism: A case study of China. , 2020, 15, e0228426.		0