

# Jian Zhou

## List of Publications by Year in descending order

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677  
papers

31,731  
citations

4960

84  
h-index

11308

136  
g-index

686  
all docs

686  
docs citations

686  
times ranked

36769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tenâ€leven translocationâ€2 inactivation restrains ILâ€10â€producing regulatory B cells to enable antitumor immunity in hepatocellular carcinoma. <i>Hepatology</i> , 2023, 77, 745-759.	7.3	9
2	A new hybrid model of information entropy and unascertained measurement with different membership functions for evaluating distressability in burst-prone underground mines. <i>Engineering With Computers</i> , 2022, 38, 381-399.	6.1	20
3	Developing a hybrid model of information entropy and unascertained measurement theory for evaluation of the excavatability in rock mass. <i>Engineering With Computers</i> , 2022, 38, 247-270.	6.1	20
4	Novel approach to evaluate rock mass fragmentation in block caving using unascertained measurement model and information entropy with flexible credible identification criterion. <i>Engineering With Computers</i> , 2022, 38, 3789-3809.	6.1	15
5	Automated woven fabric texture periodicity extraction by spectral analysis and patch-DMF. <i>Journal of the Textile Institute</i> , 2022, 113, 422-429.	1.9	0
6	Performance evaluation of hybrid GAâ€SVM and GWOâ€SVM models to predict earthquake-induced liquefaction potential of soil: a multi-dataset investigation. <i>Engineering With Computers</i> , 2022, 38, 4197-4215.	6.1	49
7	High probability of nitrogen and phosphorus co-limitation occurring in eutrophic lakes. <i>Environmental Pollution</i> , 2022, 292, 118276.	7.5	26
8	Hydrous titanium oxide and bayberry tannin co-immobilized nano collagen fibrils for uranium extraction from seawater and recovery from nuclear wastewater. <i>Chemosphere</i> , 2022, 286, 131626.	8.2	17
9	High-temperature biofilm system based on heterotrophic nitrification and aerobic denitrification treating high-strength ammonia wastewater: Nitrogen removal performances and temperature-regulated metabolic pathways. <i>Bioresource Technology</i> , 2022, 344, 126184.	9.6	28
10	Enhanced thermophilic denitrification performance and potential microbial mechanism in denitrifying granular sludge system. <i>Bioresource Technology</i> , 2022, 344, 126190.	9.6	20
11	Deep dewatering of activated sludge using composite conditioners of surfactant, acid and flocculant: The mechanism and dosage model. <i>Science of the Total Environment</i> , 2022, 806, 150899.	8.0	10
12	Mesophilic condition favors simultaneous partial nitrification and denitrification (SPND) and anammox for carbon and nitrogen removal from anaerobic digestate food waste effluent. <i>Science of the Total Environment</i> , 2022, 816, 151498.	8.0	8
13	Enhanced degradation capability of white-rot fungi after short-term pre-exposure to silver ion: Performance and selectively antimicrobial mechanisms. <i>Science of the Total Environment</i> , 2022, 818, 151672.	8.0	2
14	High serum soluble CD155 level predicts poor prognosis and correlates with an immunosuppressive tumor microenvironment in hepatocellular carcinoma. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24259.	2.1	10
15	Molecular understanding of acetylcholinesterase adsorption on functionalized carbon nanotubes for enzymatic biosensors. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2866-2878.	2.8	6
16	Predicting tunnel squeezing using support vector machine optimized by whale optimization algorithm. <i>Acta Geotechnica</i> , 2022, 17, 1343-1366.	5.7	60
17	Ultrasensitive and affordable assay for early detection of primary liver cancer using plasma cellâ€free DNA fragmentomics. <i>Hepatology</i> , 2022, 76, 317-329.	7.3	43
18	Investigating the Slurry Fluidity and Strength Characteristics of Cemented Backfill and Strength Prediction Models by Developing Hybrid GA-SVR and PSO-SVR. <i>Mining, Metallurgy and Exploration</i> , 2022, 39, 433-452.	0.8	8

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19	Complex Network-Based Change Propagation Path Optimization in Mechanical Product Development. IEEE Access, 2022, 10, 17389-17399.	4.2	4
20	PARG inhibition limits HCC progression and potentiates the efficacy of immune checkpoint therapy. Journal of Hepatology, 2022, 77, 140-151.	3.7	20
21	The treatment strategy and outcome for spontaneously ruptured hepatocellular carcinoma: a single-center experience in 239 patients. Journal of Cancer Research and Clinical Oncology, 2022, 148, 3203-3214.	2.5	7
22	Robust Simulation and Analysis of VE Network. , 2022, , .		0
23	Exosome-depleted MiR-148a-3p derived from Hepatic Stellate Cells Promotes Tumor Progression via ITGA5/PI3K/Akt Axis in Hepatocellular Carcinoma. International Journal of Biological Sciences, 2022, 18, 2249-2260.	6.4	27
24	PKC $\zeta$ /ZFP64/CSF1 axis resets the tumor microenvironment and fuels anti-PD1 resistance in hepatocellular carcinoma. Journal of Hepatology, 2022, 77, 163-176.	3.7	52
25	Employing a genetic algorithm and grey wolf optimizer for optimizing RF models to evaluate soil liquefaction potential. Artificial Intelligence Review, 2022, 55, 5673-5705.	15.7	45
26	Novel Ensemble Tree Solution for Rockburst Prediction Using Deep Forest. Mathematics, 2022, 10, 787.	2.2	29
27	Characteristics and Clinical Significance of T-Cell Receptor Repertoire in Hepatocellular Carcinoma. Frontiers in Immunology, 2022, 13, 847263.	4.8	1
28	CD155/SRC complex promotes hepatocellular carcinoma progression via inhibiting the p38 MAPK signalling pathway and correlates with poor prognosis. Clinical and Translational Medicine, 2022, 12, e794.	4.0	13
29	Response of nitrogen removal performance and microbial community to a wide range of pH in thermophilic denitrification system. Bioresource Technology, 2022, 352, 127061.	9.6	17
30	ATDA: Attentional temporal dynamic activation for speech emotion recognition. Knowledge-Based Systems, 2022, 243, 108472.	7.1	7
31	Robust Ruddlesden-Popper phase Sr <sub>3</sub> Fe <sub>1.3</sub> Mo <sub>0.5</sub> N <sub>0.2</sub> O <sub>7</sub> decorated with in situ exsolved Ni nanoparticles as an efficient anode for hydrocarbon fueled solid oxide fuel cells. SusMat, 2022, 2, 487-501.	14.9	18
32	Co-occurrence of autotrophic and heterotrophic denitrification in electrolysis assisted constructed wetland packing with coconut fiber as solid carbon source. Chemosphere, 2022, 301, 134762.	8.2	17
33	Toxic Metals in a Paddy Field System: A Review. Toxics, 2022, 10, 249.	3.7	7
34	Composition Characterization and Transformation Mechanism of Dissolved Organic Matters in a Full-Scale Membrane Bioreactor Treating Co-Digestion Wastewater of Food Waste and Sewage Sludge. Sustainability, 2022, 14, 6556.	3.2	0
35	Low expression of exosomal miR-150 predicts poor prognosis in colorectal cancer patients after surgical resections. Carcinogenesis, 2022, 43, 930-940.	2.8	4
36	Development of a new methodology for estimating the amount of PPV in surface mines based on prediction and probabilistic models (GEP-MC). International Journal of Mining, Reclamation and Environment, 2021, 35, 48-68.	2.8	59

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37	A multi-task and multi-scale convolutional neural network for automatic recognition of woven fabric pattern. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 1147-1161.	7.3	28
38	Temperature and rate dependent debonding behaviors of precision glass molding interface. <i>Journal of the American Ceramic Society</i> , 2021, 104, 243-255.	3.8	8
39	A novel self-crosslinked gel microspheres of <i>Premna microphylla turcz</i> leaves for the absorption of uranium. <i>Journal of Hazardous Materials</i> , 2021, 404, 124151.	12.4	40
40	Facilitating harmful algae removal in fresh water via joint effects of multi-species algicidal bacteria. <i>Journal of Hazardous Materials</i> , 2021, 403, 123662.	12.4	33
41	Microwave-assisted hydrothermal synthesis of carbon doped with phosphorus for uranium(VI) adsorption. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 73-89.	1.5	14
42	Detection of circulating tumour cells enables early recurrence prediction in hepatocellular carcinoma patients undergoing liver transplantation. <i>Liver International</i> , 2021, 41, 562-573.	3.9	32
43	Splicing factors: Insights into their regulatory network in alternative splicing in cancer. <i>Cancer Letters</i> , 2021, 501, 83-104.	7.2	22
44	Single-cell landscape of the ecosystem in early-relapse hepatocellular carcinoma. <i>Cell</i> , 2021, 184, 404-421.e16.	28.9	399
45	Fabrication and mechanical properties of dual-heterogeneous titanium-based composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 803, 140585.	5.6	1
46	Molecular simulations on the hydration and underwater oleophobicity of zwitterionic self-assembled monolayers. <i>AIChE Journal</i> , 2021, 67, e17103.	3.6	14
47	Optimization of postblast ore boundary determination using a novel sine cosine algorithm-based random forest technique and Monte Carlo simulation. <i>Engineering Optimization</i> , 2021, 53, 1467-1482.	2.6	21
48	Deep neural network and whale optimization algorithm to assess flyrock induced by blasting. <i>Engineering With Computers</i> , 2021, 37, 173-186.	6.1	107
49	Evaluation of Warpage and Residual Stress of Precision Glass Micro-Optics Heated by Carbide-Bonded Graphene Coating in Hot Embossing Process. <i>Nanomaterials</i> , 2021, 11, 363.	4.1	4
50	Rockburst prediction in hard rock mines developing bagging and boosting tree-based ensemble techniques. <i>Journal of Central South University</i> , 2021, 28, 527-542.	3.0	78
51	Chronic mild stress-induced protein dysregulations correlated with susceptibility and resiliency to depression or anxiety revealed by quantitative proteomics of the rat prefrontal cortex. <i>Translational Psychiatry</i> , 2021, 11, 143.	4.8	16
52	Performance Evaluation of Hybrid WOA-SVR and HHO-SVR Models with Various Kernels to Predict Factor of Safety for Circular Failure Slope. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1922.	2.5	16
53	Indirect Determination Approach of Blast-Induced Ground Vibration Based on a Hybrid SSA-Optimized GP-Based Technique. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-14.	0.7	4
54	Characteristics Analysis of VE Network. , 2021, , .		0

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55	PNOC Expressed by B Cells in Cholangiocarcinoma Was Survival Related and LAIR2 Could Be a T Cell Exhaustion Biomarker in Tumor Microenvironment: Characterization of Immune Microenvironment Combining Single-Cell and Bulk Sequencing Technology. <i>Frontiers in Immunology</i> , 2021, 12, 647209.	4.8	25
56	Tumor-associated neutrophils and macrophages interaction contributes to intrahepatic cholangiocarcinoma progression by activating STAT3. , 2021, 9, e001946.		55
57	Simulation Insight into the Synergic Role of Citrate and Polyaspartic Peptide in Biomineralization. <i>Langmuir</i> , 2021, 37, 3410-3419.	3.5	10
58	Day-to-Day Variability of Parameters Recorded by Home Noninvasive Positive Pressure Ventilation for Detection of Severe Acute Exacerbations in COPD. <i>International Journal of COPD</i> , 2021, Volume 16, 727-737.	2.3	6
59	Molecular simulations of charged complex fluids: A review. <i>Chinese Journal of Chemical Engineering</i> , 2021, 31, 206-226.	3.5	11
60	The diagnostic value of plasma exosomal <i>hsa_circ_0070396</i> for hepatocellular carcinoma. <i>Biomarkers in Medicine</i> , 2021, 15, 359-371.	1.4	32
61	Spatial distribution and risk factors of adverse treatment outcomes of tuberculosis in Guizhou, China, 2013â€“2018. <i>Scientific Reports</i> , 2021, 11, 7706.	3.3	4
62	Adaptive Routing Strategy Based on Improved Double Q-Learning for Satellite Internet of Things. <i>Security and Communication Networks</i> , 2021, 2021, 1-11.	1.5	6
63	High-temperature friction characteristics of N-BK7 glass and their correlation with viscoelastic loss modulus. <i>Ceramics International</i> , 2021, 47, 21414-21424.	4.8	10
64	Hydraulic flow direction alters nutrients removal performance and microbial mechanisms in electrolysis-assisted constructed wetlands. <i>Bioresource Technology</i> , 2021, 325, 124692.	9.6	14
65	High strain rate compressive strength behavior of cemented paste backfill using split Hopkinson pressure bar. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 387-399.	10.3	49
66	A novel preoperative predictive model of 90-day mortality after liver resection for huge hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 774-774.	1.7	3
67	Development of an Eight-gene Prognostic Model for Overall Survival Prediction in Patients with Hepatocellular Carcinoma. <i>Journal of Clinical and Translational Hepatology</i> , 2021, 000, 000-000.	1.4	2
68	Stochastic assessment of hard rock pillar stability based on the geological strength index system. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	2.9	10
69	Study on Rock Damage Mechanism for Lateral Blasting under High In Situ Stresses. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4992.	2.5	12
70	Lysozyme Adsorption on Different Functionalized MXenes: A Multiscale Simulation Study. <i>Langmuir</i> , 2021, 37, 5932-5942.	3.5	6
71	Evaluation of vertical shaft stability in underground mines: comparison of three weight methods with uncertainty theory. <i>Natural Hazards</i> , 2021, 109, 1457-1479.	3.4	10
72	Molecular fingerprint and machine learning to accelerate design of <i>high-performance</i> homochiral metal-organic frameworks. <i>AIChE Journal</i> , 2021, 67, e17352.	3.6	15

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73	An Expert Artificial Intelligence Model for Discriminating Microseismic Events and Mine Blasts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6474.	2.5	7
74	Newly detected liver nodules with a history of colorectal cancer: are they metastatic? Review of 2,632 cases in a single center. <i>Annals of Translational Medicine</i> , 2021, 9, 1079-1079.	1.7	2
75	DJ-1 modulates Nrf2-mediated MRP1 expression by activating Wnt3a/ $\beta$ -catenin signalling in A549 cells exposed to cigarette smoke extract and LPS. <i>Life Sciences</i> , 2021, 276, 119089.	4.3	7
76	Patient-Derived Xenograft Models for Intrahepatic Cholangiocarcinoma and Their Application in Guiding Personalized Medicine. <i>Frontiers in Oncology</i> , 2021, 11, 704042.	2.8	5
77	Dissecting spatial heterogeneity and the immune-evasion mechanism of CTCs by single-cell RNA-seq in hepatocellular carcinoma. <i>Nature Communications</i> , 2021, 12, 4091.	12.8	90
78	Extreme Climate Anomalies Enhancing Cyanobacterial Blooms in Eutrophic Lake Taihu, China. <i>Water Resources Research</i> , 2021, 57, e2020WR029371.	4.2	60
79	Intelligent modeling of blast-induced rock movement prediction using dimensional analysis and optimized artificial neural network technique. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 143, 104794.	5.8	19
80	Comment on "Surface integrity analysis of ultra-thin glass molding process" [ <i>Ceram. Int.</i> (2021) <a href="https://doi.org/10.1016/j.ceramint.2021.07.236">https://doi.org/10.1016/j.ceramint.2021.07.236</a> ]. <i>Ceramics International</i> , 2021, 47, 33930-33930.	4.8	0
81	Simultaneous nitrogen and phosphorus removal from simulated digested piggery wastewater in a single-stage biofilm process coupling anammox and intracellular carbon metabolism. <i>Bioresource Technology</i> , 2021, 333, 125152.	9.6	33
82	Proposing a novel comprehensive evaluation model for the coal burst liability in underground coal mines considering uncertainty factors. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 799-812.	10.3	74
83	Improving the efficiency of microseismic source locating using a heuristic algorithm-based virtual field optimization method. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	2.9	39
84	Identification of a novel Sox5 transcript in mouse testis. <i>Gene Expression Patterns</i> , 2021, 41, 119197.	0.8	5
85	Cigarette smoke extract combined with LPS down-regulates the expression of MRP2 in chronic pulmonary inflammation may be related to FXR. <i>Molecular Immunology</i> , 2021, 137, 174-186.	2.2	2
86	Intersectional analysis of chronic mild stress-induced lncRNA-mRNA interaction networks in rat hippocampus reveals potential anti-depression/anxiety drug targets. <i>Neurobiology of Stress</i> , 2021, 15, 100347.	4.0	14
87	A coarse-grained simulation of heat and mass transfer through a graphene oxide-based composite membrane. <i>Chemical Engineering Science</i> , 2021, 243, 116692.	3.8	6
88	Variance in tree growth rates provides a key link for completing the theory of forest size structure formation. <i>Journal of Theoretical Biology</i> , 2021, 529, 110857.	1.7	1
89	Metagenomics reveals functional species and microbial mechanisms of an enriched thiosulfate-driven denitrification consortia. <i>Bioresource Technology</i> , 2021, 341, 125916.	9.6	10
90	Color Prediction for Pre-Colored Cotton Fiber Blends Based on Improved Kubelka-Munk Double-Constant Theory. <i>Fibers and Polymers</i> , 2021, 22, 412-420.	2.1	8

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91	Computer Simulations on a pH-Responsive Anticancer Drug Delivery System Using Zwitterion-Grafted Polyamidoamine Dendrimer Unimolecular Micelles. <i>Langmuir</i> , 2021, 37, 1225-1234.	3.5	33
92	The interplay between surface-functionalized gold nanoparticles and negatively charged lipid vesicles. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23526-23536.	2.8	4
93	Plasma MicroRNA Panel Predicts Early Tumor Recurrence in Patients with Hepatocellular Carcinoma after Liver Transplantation. <i>Journal of Cancer</i> , 2021, 12, 7190-7200.	2.5	5
94	Mucin 1 promotes tumor progression through activating WNT/ $\beta$ -catenin signaling pathway in intrahepatic cholangiocarcinoma. <i>Journal of Cancer</i> , 2021, 12, 6937-6947.	2.5	8
95	Prediction of blasting mean fragment size using support vector regression combined with five optimization algorithms. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 1380-1397.	8.1	63
96	Development and validation of a non-invasive model for diagnosing HBV-related liver cirrhosis. <i>Clinica Chimica Acta</i> , 2021, 523, 525-531.	1.1	2
97	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
98	HNRNPAB-regulated lncRNA-ELF209 inhibits the malignancy of hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2020, 146, 169-180.	5.1	28
99	Facile fabrication of bimetallic collagen fiber particles via immobilizing zirconium on chrome-tanned leather as adsorbent for fluoride removal from ground water near hot spring. <i>Separation Science and Technology</i> , 2020, 55, 658-671.	2.5	20
100	Computer simulations of underwater oil adhesion of self-assembled monolayers on Au (111). <i>Molecular Simulation</i> , 2020, 46, 713-720.	2.0	3
101	Far upstream element-binding protein 1 facilitates hepatocellular carcinoma invasion and metastasis. <i>Carcinogenesis</i> , 2020, 41, 950-960.	2.8	13
102	Electron storage and resupply modes during sulfur cycle enhanced nitrogen removal stability in electrochemically assisted constructed wetlands under low temperature. <i>Bioresource Technology</i> , 2020, 300, 122704.	9.6	20
103	Effects of COD/TN ratio on nitrogen removal efficiency, microbial community for high saline wastewater treatment based on heterotrophic nitrification-aerobic denitrification process. <i>Bioresource Technology</i> , 2020, 301, 122726.	9.6	110
104	Experimental and 3D MPFEM simulation study on the green density of Ti-6Al-4V powder compact during uniaxial high velocity compaction. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153226.	5.5	16
105	Buckled Conductive Polymer Ribbons in Elastomer Channels as Stretchable Fiber Conductor. <i>Advanced Functional Materials</i> , 2020, 30, 1907316.	14.9	40
106	TGM3 promotes epithelial-mesenchymal transition and hepatocellular carcinogenesis and predicts poor prognosis for patients after curative resection. <i>Digestive and Liver Disease</i> , 2020, 52, 668-676.	0.9	15
107	Towards the comprehensive water quality control in Lake Taihu: Correlating chlorophyll a and water quality parameters with generalized additive model. <i>Science of the Total Environment</i> , 2020, 705, 135993.	8.0	18
108	Intensified nutrients removal in a modified sequencing batch reactor at low temperature: Metagenomic approach reveals the microbial community structure and mechanisms. <i>Chemosphere</i> , 2020, 244, 125513.	8.2	21



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109	Lysozyme Adsorption on Porous Organic Cages: A Molecular Simulation Study. <i>Langmuir</i> , 2020, 36, 12299-12308.	3.5	8
110	Advanced Prediction of Roadway Broken Rock Zone Based on a Novel Hybrid Soft Computing Model Using Gaussian Process and Particle Swarm Optimization. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6031.	2.5	10
111	Elevated soluble programmed death-ligand 1 levels indicate immunosuppression and poor prognosis in hepatocellular carcinoma patients undergoing transcatheter arterial chemoembolization. <i>Clinica Chimica Acta</i> , 2020, 511, 67-74.	1.1	8
112	Impact of ambient stable stratification on gravity currents propagating over a submerged canopy. <i>Journal of Fluid Mechanics</i> , 2020, 898, .	3.4	8
113	Electrostatic Effect of Functional Surfaces on the Activity of Adsorbed Enzymes: Simulations and Experiments. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35676-35687.	8.0	26
114	High-throughput single-EV liquid biopsy: Rapid, simultaneous, and multiplexed detection of nucleic acids, proteins, and their combinations. <i>Science Advances</i> , 2020, 6, .	10.3	73
115	Effect of surgical margin on recurrence based on preoperative circulating tumor cell status in hepatocellular carcinoma. <i>EBioMedicine</i> , 2020, 62, 103107.	6.1	23
116	Association of intrinsic pathways with altered tumor immune infiltration in hepatocellular carcinoma: New targets for combining immune therapy. <i>Clinical and Translational Medicine</i> , 2020, 10, e219.	4.0	1
117	Anlotinib suppresses tumor progression via blocking the VEGFR2/PI3K/AKT cascade in intrahepatic cholangiocarcinoma. <i>Cell Death and Disease</i> , 2020, 11, 573.	6.3	65
118	Cigarette smoke extract combined with lipopolysaccharide reduces OCTN1/2 expression in human alveolar epithelial cells in vitro and rat lung in vivo under inflammatory conditions. <i>International Immunopharmacology</i> , 2020, 87, 106812.	3.8	7
119	Computer simulations on double hydrophobic PS-b-PMMA porous membrane by non-solvent induced phase separation. <i>Fluid Phase Equilibria</i> , 2020, 523, 112784.	2.5	12
120	How does three-dimensional canopy geometry affect the front propagation of a gravity current?. <i>Physics of Fluids</i> , 2020, 32, .	4.0	7
121	BCL11B suppresses tumor progression and stem cell traits in hepatocellular carcinoma by restoring p53 signaling activity. <i>Cell Death and Disease</i> , 2020, 11, 895.	6.3	11
122	Are nitrogen-to-phosphorus ratios of Chinese lakes actually increasing?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21000-21002.	7.1	23
123	Residual Sediment Transport in Tidally Energetic Estuarine Channels With Lateral Bathymetric Variation. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016140.	2.6	4
124	Loss of ESRP1 blocks mouse oocyte development and leads to female infertility. <i>Development (Cambridge)</i> , 2020, 148, .	2.5	10
125	Astragalus membranaceus Injection Protects Retinal Ganglion Cells by Regulating the Nerve Growth Factor Signaling Pathway in Experimental Rat Traumatic Optic Neuropathy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12.	1.2	3
126	The Effects of Macroeconomic Factors on Road Traffic Safety: A Study Based on the ARDL-ECM Model. <i>Sustainability</i> , 2020, 12, 10262.	3.2	3



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127	Modeling and Simulation Analysis of Journal Impact Factor Dynamics Based on Submission and Citation Rules. <i>Complexity</i> , 2020, 2020, 1-17.	1.6	4
128	Numerical Investigation of Injection-Induced Fracture Propagation in Brittle Rocks with Two Injection Wells by a Modified Fluid-Mechanical Coupling Model. <i>Energies</i> , 2020, 13, 4718.	3.1	11
129	Circular RNA circMET drives immunosuppression and anti-PD1 therapy resistance in hepatocellular carcinoma via the miR-30-5p/snail/DPP4 axis. <i>Molecular Cancer</i> , 2020, 19, 92.	19.2	147
130	Hepatoma cell-intrinsic TLR9 activation induces immune escape through PD-L1 upregulation in hepatocellular carcinoma. <i>Theranostics</i> , 2020, 10, 6530-6543.	10.0	31
131	Influence of eugenol on algal growth, cell physiology of cyanobacteria <i>Microcystis aeruginosa</i> and its interaction with signaling molecules. <i>Chemosphere</i> , 2020, 255, 126935.	8.2	17
132	Approaching the Strain-Free Limit in Ultrathin Nanomechanical Resonators. <i>Nano Letters</i> , 2020, 20, 5693-5698.	9.1	15
133	Limited bias effect of intratumoral heterogeneity on genetic profiling of hepatocellular carcinoma. <i>Journal of Gastrointestinal Oncology</i> , 2020, 11, 112-120.	1.4	2
134	Effective Assessment of Blast-Induced Ground Vibration Using an Optimized Random Forest Model Based on a Harris Hawks Optimization Algorithm. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1403.	2.5	62
135	Simulated revelation of the adsorption behaviours of acetylcholinesterase on charged self-assembled monolayers. <i>Nanoscale</i> , 2020, 12, 3701-3714.	5.6	25
136	The variation on nitrogen removal mechanisms and the succession of ammonia oxidizing archaea and ammonia oxidizing bacteria with temperature in biofilm reactors treating saline wastewater. <i>Bioresource Technology</i> , 2020, 314, 123760.	9.6	36
137	MiR-612 regulates invadopodia of hepatocellular carcinoma by HADHA-mediated lipid reprogramming. <i>Journal of Hematology and Oncology</i> , 2020, 13, 12.	17.0	52
138	Fiber-Reinforced Cemented Paste Backfill: The Effect of Fiber on Strength Properties and Estimation of Strength Using Nonlinear Models. <i>Materials</i> , 2020, 13, 718.	2.9	26
139	Toxic effects of terpinolene on <i>Microcystis aeruginosa</i> : Physiological, metabolism, gene transcription, and growth effects. <i>Science of the Total Environment</i> , 2020, 719, 137376.	8.0	21
140	Metagenomic analysis reveals enhanced nutrients removal from low C/N municipal wastewater in a pilot-scale modified AAO system coupling electrolysis. <i>Water Research</i> , 2020, 173, 115530.	11.3	77
141	Analysis of journal evaluation indicators: an experimental study based on unsupervised Laplacian score. <i>Scientometrics</i> , 2020, 124, 233-254.	3.0	9
142	Efficient nitrogen removal in a modified sequencing batch biofilm reactor treating hypersaline mustard tuber wastewater: The potential multiple pathways and key microorganisms. <i>Water Research</i> , 2020, 177, 115734.	11.3	61
143	Numerical Investigation of Baroclinic Channel-Shoal Interaction in Partially Stratified Estuaries. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016135.	2.6	7
144	Identification of FOS as a Candidate Risk Gene for Liver Cancer by Integrated Bioinformatic Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	12

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145	Circulating tumor DNA correlates with microvascular invasion and predicts tumor recurrence of hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 237-237.	1.7	33
146	Determination of mechanical, flowability, and microstructural properties of cemented tailings backfill containing rice straw. <i>Construction and Building Materials</i> , 2020, 246, 118520.	7.2	44
147	Coupling of thermophilic biofilm-based systems and ozonation for enhanced organics removal from high-temperature pulping wastewater: Performance, microbial communities, and pollutant transformations. <i>Science of the Total Environment</i> , 2020, 714, 136802.	8.0	21
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