

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	Penta-graphene: A new carbon allotrope. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2372-2377.	7.1	1,114
2	Systemic Immune-Inflammation Index Predicts Prognosis of Patients after Curative Resection for Hepatocellular Carcinoma. Clinical Cancer Research, 2014, 20, 6212-6222.	7.0	1,012
3	Tumor-Associated Neutrophils Recruit Macrophages and T-Regulatory Cells to Promote Progression of Hepatocellular Carcinoma and Resistance to Sorafenib. Gastroenterology, 2016, 150, 1646-1658.e17.	1.3	586
4	Guidelines for Diagnosis and Treatment of Primary Liver Cancer in China (2017 Edition). Liver Cancer, 2018, 7, 235-260.	7.7	426
5	Metroticket 2.0 Model for Analysis of Competing Risks of Death After Liver Transplantation for Hepatocellular Carcinoma. Gastroenterology, 2018, 154, 128-139.	1.3	417
6	Single-cell landscape of the ecosystem in early-relapse hepatocellular carcinoma. Cell, 2021, 184, 404-421.e16.	28.9	399
7	Magnetism of Phthalocyanine-Based Organometallic Single Porous Sheet. Journal of the American Chemical Society, 2011, 133, 15113-15119.	13.7	350
8	Circulating stem cell-like epithelial cell adhesion molecule-positive tumor cells indicate poor prognosis of hepatocellular carcinoma after curative resection. Hepatology, 2013, 57, 1458-1468.	7.3	331
9	Classification of Rockburst in Underground Projects: Comparison of Ten Supervised Learning Methods. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	304
10	Long-term prediction model of rockburst in underground openings using heuristic algorithms and support vector machines. Safety Science, 2012, 50, 629-644.	4.9	300
11	Overexpression of CXCL5 mediates neutrophil infiltration and indicates poor prognosis for hepatocellular carcinoma. Hepatology, 2012, 56, 2242-2254.	7.3	298
12	Electronic and magnetic properties of a BN sheet decorated with hydrogen and fluorine. Physical Review B, 2010, 81, .	3.2	278
13	Flexible, Highly Graphitized Carbon Aerogels Based on Bacterial Cellulose/Lignin: Catalyst-Free Synthesis and its Application in Energy Storage Devices. Advanced Functional Materials, 2015, 25, 3193-3202.	14.9	262
14	Ultrafiltration membrane fouling caused by extracellular organic matter (EOM) from Microcystis aeruginosa: Effects of membrane pore size and surface hydrophobicity. Journal of Membrane Science, 2014, 449, 58-66.	8.2	236
15	Controlling Antibody Orientation on Charged Self-Assembled Monolayers. Langmuir, 2003, 19, 2859-2864.	3.5	232
16	Autophagy inhibition suppresses pulmonary metastasis of HCC in mice via impairing anoikis resistance and colonization of HCC cells. Autophagy, 2013, 9, 2056-2068.	9.1	222
17	Experimental Study of Slabbing and Rockburst Induced by True-Triaxial Unloading and Local Dynamic Disturbance. Rock Mechanics and Rock Engineering, 2016, 49, 3437-3453.	5.4	212
18	Coaxial Thermoplastic Elastomer-Wrapped Carbon Nanotube Fibers for Deformable and Wearable Strain Sensors. Advanced Functional Materials, 2018, 28, 1705591.	14.9	207

#	ARTICLE	IF	CITATIONS
19	A Comparative Study of PSO-ANN, GA-ANN, ICA-ANN, and ABC-ANN in Estimating the Heating Load of Buildingsâ€™ Energy Efficiency for Smart City Planning. Applied Sciences (Switzerland), 2019, 9, 2630.	2.5	205
20	Tuning electronic and magnetic properties of graphene by surface modification. Applied Physics Letters, 2009, 95, .	3.3	199
21	Bioinspired Graphene Nanopores with Voltage-Tunable Ion Selectivity for Na ⁺ and K ⁺ . ACS Nano, 2013, 7, 10148-10157.	14.6	199
22	Ubiquitylation of Autophagy Receptor Optineurin by HACE1 Activates Selective Autophagy for Tumor Suppression. Cancer Cell, 2014, 26, 106-120.	16.8	198
23	The temperature-dependent microstructure of PEDOT/PSS films: insights from morphological, mechanical and electrical analyses. Journal of Materials Chemistry C, 2014, 2, 9903-9910.	5.5	193
24	Ultrasensitive, Stretchable Strain Sensors Based on Fragmented Carbon Nanotube Papers. ACS Applied Materials & Interfaces, 2017, 9, 4835-4842.	8.0	184
25	Combined Hepatocellular Carcinoma and Cholangiocarcinoma: Clinical Features, Treatment Modalities, and Prognosis. Annals of Surgical Oncology, 2012, 19, 2869-2876.	1.5	183
26	Electronic structures and bonding of graphyne sheet and its BN analog. Journal of Chemical Physics, 2011, 134, 174701.	3.0	182
27	Adjuvant Transarterial Chemoembolization for HBV-Related Hepatocellular Carcinoma After Resection: A Randomized Controlled Study. Clinical Cancer Research, 2018, 24, 2074-2081.	7.0	181
28	Long noncoding RNA HULC modulates the phosphorylation of YBâ€1 through serving as a scaffold of extracellular signalâ€regulated kinase and YBâ€1 to enhance hepatocarcinogenesis. Hepatology, 2017, 65, 1612-1627.	7.3	179
29	Coarse-Grained Peptide Modeling Using a Systematic Multiscale Approach. Biophysical Journal, 2007, 92, 4289-4303.	0.5	176
30	miRâ€28â€5pâ€andâ€miRâ€34â€macrophage feedback loop modulates hepatocellular carcinoma metastasis. Hepatology, 2016, 63, 1560-1575.	7.3	166
31	Comparative performance of six supervised learning methods for the development of models of hard rock pillar stability prediction. Natural Hazards, 2015, 79, 291-316.	3.4	161
32	Feasibility of Random-Forest Approach for Prediction of Ground Settlements Induced by the Construction of a Shield-Driven Tunnel. International Journal of Geomechanics, 2017, 17, .	2.7	160
33	Margin-Infiltrating CD20+ B Cells Display an Atypical Memory Phenotype and Correlate with Favorable Prognosis in Hepatocellular Carcinoma. Clinical Cancer Research, 2013, 19, 5994-6005.	7.0	159
34	CXCR2/CXCL5 axis contributes to epithelialâ€mesenchymal transition of HCC cells through activating PI3K/Akt/GSK-3Î²/Snail signaling. Cancer Letters, 2015, 358, 124-135.	7.2	157
35	Targeting CPT1A-mediated fatty acid oxidation sensitizes nasopharyngeal carcinoma to radiation therapy. Theranostics, 2018, 8, 2329-2347.	10.0	155
36	Supervised Machine Learning Techniques to the Prediction of Tunnel Boring Machine Penetration Rate. Applied Sciences (Switzerland), 2019, 9, 3715.	2.5	155

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37	Random Forests and Cubist Algorithms for Predicting Shear Strengths of Rockfill Materials. Applied Sciences (Switzerland), 2019, 9, 1621.	2.5	152
38	CD73 promotes hepatocellular carcinoma progression and metastasis via activating PI3K/AKT signaling by inducing Rap1-mediated membrane localization of P110 β and predicts poor prognosis. Journal of Hematology and Oncology, 2019, 12, 37.	17.0	150
39	Bacterial community structure in simultaneous nitrification, denitrification and organic matter removal process treating saline mustard tuber wastewater as revealed by 16S rRNA sequencing. Bioresource Technology, 2017, 228, 31-38.	9.6	147
40	Circular RNA circMET drives immunosuppression and anti-PD1 therapy resistance in hepatocellular carcinoma via the miR-30-5p/snail/DPP4 axis. Molecular Cancer, 2020, 19, 92.	19.2	147
41	Molecular Simulation Studies of the Orientation and Conformation of Cytochrome c Adsorbed on Self-Assembled Monolayers. Journal of Physical Chemistry B, 2004, 108, 17418-17424.	2.6	145
42	Diameter and helicity effects on static properties of water molecules confined in carbon nanotubes. Physical Chemistry Chemical Physics, 2004, 6, 829.	2.8	144
43	CXCL5 contributes to tumor metastasis and recurrence of intrahepatic cholangiocarcinoma by recruiting infiltrative intratumoral neutrophils. Carcinogenesis, 2014, 35, 597-605.	2.8	142
44	A Positive Feedback Loop Between Cancer Stem-Like Cells and Tumor-Associated Neutrophils Controls Hepatocellular Carcinoma Progression. Hepatology, 2019, 70, 1214-1230.	7.3	140
45	β -crystallin complexes with 14-3-3 η to induce epithelial-mesenchymal transition and resistance to sorafenib in hepatocellular carcinoma. Hepatology, 2013, 57, 2235-2247.	7.3	139
46	High expression of IL-17 and IL-17RE associate with poor prognosis of hepatocellular carcinoma. Journal of Experimental and Clinical Cancer Research, 2013, 32, 3.	8.6	138
47	Semi-metallic, strong and stretchable wet-spun conjugated polymer microfibers. Journal of Materials Chemistry C, 2015, 3, 2528-2538.	5.5	130
48	Orientation of Adsorbed Antibodies on Charged Surfaces by Computer Simulation Based on a United-Residue Model. Langmuir, 2003, 19, 3472-3478.	3.5	129
49	Highly transparent, low-haze, hybrid cellulose nanopaper as electrodes for flexible electronics. Nanoscale, 2016, 8, 12294-12306.	5.6	127
50	Improving Electrical Conductivity in Polycarbonate Nanocomposites Using Highly Conductive PEDOT/PSS Coated MWCNTs. ACS Applied Materials & Interfaces, 2013, 5, 6189-6200.	8.0	123
51	Exfoliated graphene-supported Pt and Pt-based alloys as electrocatalysts for direct methanol fuel cells. Carbon, 2013, 52, 595-604.	10.3	117
52	Serum exosomal miR-125b is a novel prognostic marker for hepatocellular carcinoma. OncoTargets and Therapy, 2017, Volume 10, 3843-3851.	2.0	117
53	miR-612 suppresses the invasive-metastatic cascade in hepatocellular carcinoma. Journal of Experimental Medicine, 2013, 210, 789-803.	8.5	116
54	Anomalous Hydration Shell Order of Na ⁺ and K ⁺ inside Carbon Nanotubes. Nano Letters, 2009, 9, 989-994.	9.1	113

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55	Radiomics score: a potential prognostic imaging feature for postoperative survival of solitary HCC patients. <i>BMC Cancer</i> , 2018, 18, 1148.	2.6	113
56	Circulating Tumor Cells from Different Vascular Sites Exhibit Spatial Heterogeneity in Epithelial and Mesenchymal Composition and Distinct Clinical Significance in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 547-559.	7.0	112
57	Activating Mutations in PTPN3 Promote Cholangiocarcinoma Cell Proliferation and Migration and Are Associated With Tumor Recurrence in Patients. <i>Gastroenterology</i> , 2014, 146, 1397-1407.	1.3	111
58	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
59	MiR-146a enhances angiogenic activity of endothelial cells in hepatocellular carcinoma by promoting PDGFRA expression. <i>Carcinogenesis</i> , 2013, 34, 2071-2079.	2.8	109
60	Activated and Exhausted MAIT Cells Foster Disease Progression and Indicate Poor Outcome in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 3304-3316.	7.0	109
61	Cell Culture System for Analysis of Genetic Heterogeneity Within Hepatocellular Carcinomas and Response to Pharmacologic Agents. <i>Gastroenterology</i> , 2017, 152, 232-242.e4.	1.3	107
62	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
63	Support vector machines approach to mean particle size of rock fragmentation due to bench blasting prediction. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 432-441.	4.2	106
64	Overexpression of HnRNP A1 promotes tumor invasion through regulating CD44v6 and indicates poor prognosis for hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2013, 132, 1080-1089.	5.1	106
65	Diverse modes of clonal evolution in HBV-related hepatocellular carcinoma revealed by single-cell genome sequencing. <i>Cell Research</i> , 2018, 28, 359-373.	12.0	106
66	CCL15 Recruits Suppressive Monocytes to Facilitate Immune Escape and Disease Progression in Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 143-159.	7.3	105
67	Polydopamine-based synthesis of a zeolite imidazolate framework ZIF-100 membrane with high H_2/CO_2 selectivity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4722-4728.	10.3	103
68	Circulating Tumor Cells with Stem-Like Phenotypes for Diagnosis, Prognosis, and Therapeutic Response Evaluation in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 2203-2213.	7.0	102
69	Monte Carlo simulations of antibody adsorption and orientation on charged surfaces. <i>Journal of Chemical Physics</i> , 2004, 121, 1050-1057.	3.0	100
70	High-capacity conductive polymer microfibers as fast response wearable heaters and electromechanical actuators. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1238-1249.	5.5	100
71	Microvascular invasion (MVI) is a poorer prognostic predictor for small hepatocellular carcinoma. <i>BMC Cancer</i> , 2014, 14, 38.	2.6	99
72	Clinical Significance of <i>EpCAM</i> mRNA-Positive Circulating Tumor Cells in Hepatocellular Carcinoma by an Optimized Negative Enrichment and qRT-PCR-Based Platform. <i>Clinical Cancer Research</i> , 2014, 20, 4794-4805.	7.0	99

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73	High-throughput computational screening of 137953 metal-organic frameworks for membrane separation of a CO ₂ /N ₂ /CH ₄ mixture. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15904-15912.	10.3	99
74	Effect of different potassium species on the deactivation of V ₂ O ₅ -WO ₃ /TiO ₂ SCR catalyst: Comparison of K ₂ SO ₄ , KCl and K ₂ O. <i>Chemical Engineering Journal</i> , 2018, 348, 637-643.	12.7	98
75	Synthesis and antibacterial activity of pyridinium-tailored 2,5-substituted-1,3,4-oxadiazole thioether/sulfoxide/sulfone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1214-1217.	2.2	95
76	Highly selective and efficient removal of fluoride from ground water by layered Al-Zr-La Tri-metal hydroxide. <i>Applied Surface Science</i> , 2018, 435, 920-927.	6.1	94
77	Human miR-1228 as a stable endogenous control for the quantification of circulating microRNAs in cancer patients. <i>International Journal of Cancer</i> , 2014, 135, 1187-1194.	5.1	93
78	Noble Gas Adsorption in Copper Trimesate, HKUST-1: An Experimental and Computational Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20116-20126.	3.1	92
79	The functional impairment of HCC-infiltrating T cells, partially mediated by regulatory T cells in a TGF- β - and IL-10-dependent manner. <i>Journal of Hepatology</i> , 2013, 58, 977-983.	3.7	92
80	Tumor-associated macrophages modulate resistance to oxaliplatin via inducing autophagy in hepatocellular carcinoma. <i>Cancer Cell International</i> , 2019, 19, 71.	4.1	92
81	HNRNPAB Induces Epithelial-Mesenchymal Transition and Promotes Metastasis of Hepatocellular Carcinoma by Transcriptionally Activating <i>SNAIL</i> . <i>Cancer Research</i> , 2014, 74, 2750-2762.	0.9	91
82	B7-H3 is expressed in human hepatocellular carcinoma and is associated with tumor aggressiveness and postoperative recurrence. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 2171-2182.	4.2	90
83	Efficient simultaneous partial nitrification, anammox and denitrification (SNAD) system equipped with a real-time dissolved oxygen (DO) intelligent control system and microbial community shifts of different substrate concentrations. <i>Water Research</i> , 2017, 119, 201-211.	11.3	90
84	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
85	Ubiquitin-specific protease 7 accelerates p14ARF degradation by deubiquitinating thyroid hormone receptor-interacting protein 12 and promotes hepatocellular carcinoma progression. <i>Hepatology</i> , 2015, 61, 1603-1614.	7.3	89
86	Simultaneous partial nitrification, anammox and denitrification (SNAD) process for nitrogen and refractory organic compounds removal from mature landfill leachate: Performance and metagenome-based microbial ecology. <i>Bioresource Technology</i> , 2019, 294, 122166.	9.6	89
87	The potential multiple mechanisms and microbial communities in simultaneous nitrification and denitrification process treating high carbon and nitrogen concentration saline wastewater. <i>Bioresource Technology</i> , 2017, 243, 708-715.	9.6	88
88	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
89	Estimating the Heating Load of Buildings for Smart City Planning Using a Novel Artificial Intelligence Technique PSO-XGBoost. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2714.	2.5	87
90	Detecting Circulating Tumor DNA in Hepatocellular Carcinoma Patients Using Droplet Digital PCR Is Feasible and Reflects Intratumoral Heterogeneity. <i>Journal of Cancer</i> , 2016, 7, 1907-1914.	2.5	84

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91	Utilizing gradient boosted machine for the prediction of damage to residential structures owing to blasting vibrations of open pit mining. <i>JVC/Journal of Vibration and Control</i> , 2016, 22, 3986-3997.	2.6	84
92	PKM2 promotes metastasis by recruiting myeloid-derived suppressor cells and indicates poor prognosis for hepatocellular carcinoma. <i>Oncotarget</i> , 2015, 6, 846-861.	1.8	84
93	Peptide Folding Using Multiscale Coarse-Grained Models. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13079-13090.	2.6	83
94	Start-up and bacterial communities of single-stage nitrogen removal using anammox and partial nitrification (SNAP) for treatment of high strength ammonia wastewater. <i>Bioresource Technology</i> , 2014, 169, 652-657.	9.6	83
95	Spatiotemporal Changes of Cyanobacterial Bloom in Large Shallow Eutrophic Lake Taihu, China. <i>Frontiers in Microbiology</i> , 2018, 9, 451.	3.5	80
96	Sulfur and iron cycles promoted nitrogen and phosphorus removal in electrochemically assisted vertical flow constructed wetland treating wastewater treatment plant effluent with high S/N ratio. <i>Water Research</i> , 2019, 151, 20-30.	11.3	80
97	Circumventing intratumoral heterogeneity to identify potential therapeutic targets in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2017, 67, 293-301.	3.7	79
98	MicroRNA-30a suppresses autophagy-mediated anoikis resistance and metastasis in hepatocellular carcinoma. <i>Cancer Letters</i> , 2018, 412, 108-117.	7.2	79
99	Probing carbon nanotubeâ€“amino acid interactions in aqueous solution with molecular dynamics simulations. <i>Carbon</i> , 2014, 78, 500-509.	10.3	78
100	Lipase adsorption on different nanomaterials: a multi-scale simulation study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 840-850.	2.8	78
101	Deformable and wearable carbon nanotube microwire-based sensors for ultrasensitive monitoring of strain, pressure and torsion. <i>Nanoscale</i> , 2017, 9, 604-612.	5.6	78
102	Sphere-forming culture enriches liver cancer stem cells and reveals Stearoyl-CoA desaturase 1 as a potential therapeutic target. <i>BMC Cancer</i> , 2019, 19, 760.	2.6	78
103	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
104	miR-612 suppresses the stemness of liver cancer via Wnt/ β -catenin signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 210-215.	2.1	77
105	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
106	Molecular simulation study of temperature effect on ionic hydration in carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1896.	2.8	76
107	Lignin-based carbon fibers: Carbon nanotube decoration and superior thermal stability. <i>Carbon</i> , 2014, 80, 91-102.	10.3	76
108	Design of amine-functionalized metalâ€“organic frameworks for CO ₂ separation: the more amine, the better?. <i>Chemical Communications</i> , 2016, 52, 974-977.	4.1	76

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109	The nanomechanical signature of liver cancer tissues and its molecular origin. <i>Nanoscale</i> , 2015, 7, 12998-13010.	5.6	75
110	Laser-engraved carbon nanotube paper for instilling high sensitivity, high stretchability, and high linearity in strain sensors. <i>Nanoscale</i> , 2017, 9, 10897-10905.	5.6	75
111	Bayberry tannin immobilized bovine serum albumin nanospheres: characterization, irradiation stability and selective removal of uranyl ions from radioactive wastewater. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15359-15370.	10.3	74
112	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
113	High expression of Dickkopf-related protein 1 is related to lymphatic metastasis and indicates poor prognosis in intrahepatic cholangiocarcinoma patients after surgery. <i>Cancer</i> , 2013, 119, 993-1003.	4.1	73
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	EBV-LMP1 suppresses the DNA damage response through DNA-PK/AMPK signaling to promote radioresistance in nasopharyngeal carcinoma. <i>Cancer Letters</i> , 2016, 380, 191-200.	7.2	72
116	Association of preoperative EpCAM Circulating Tumor Cells and peripheral Treg cell levels with early recurrence of hepatocellular carcinoma following radical hepatic resection. <i>BMC Cancer</i> , 2016, 16, 506.	2.6	69
117	Adsorption of Hydrophobin on Different Self-Assembled Monolayers: The Role of the Hydrophobic Dipole and the Electric Dipole. <i>Langmuir</i> , 2014, 30, 11401-11411.	3.5	68
118	MiR-302c inhibits tumor growth of hepatocellular carcinoma by suppressing the endothelial-mesenchymal transition of endothelial cells. <i>Scientific Reports</i> , 2014, 4, 5524.	3.3	68
119	A novel process combining simultaneous partial nitrification, anammox and denitrification (SNAD) with denitrifying phosphorus removal (DPR) to treat sewage. <i>Bioresource Technology</i> , 2016, 222, 309-316.	9.6	68
120	miR-296-5p suppresses EMT of hepatocellular carcinoma via attenuating NRG1/ERBB2/ERBB3 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 294.	8.6	68
121	Phase Behavior of Mixed Self-Assembled Monolayers of Alkanethiols on Au(111): A Configurational-Bias Monte Carlo Simulation Study. <i>Langmuir</i> , 2001, 17, 7566-7572.	3.5	67
122	Tuning magnetic properties of graphene nanoribbons with topological line defects: From antiferromagnetic to ferromagnetic. <i>Physical Review B</i> , 2012, 85, .	3.2	67
123	Start-up and microbial communities of a simultaneous nitrogen removal system for high salinity and high nitrogen organic wastewater via heterotrophic nitrification. <i>Bioresource Technology</i> , 2016, 216, 196-202.	9.6	67
124	A Combination of Feature Selection and Random Forest Techniques to Solve a Problem Related to Blast-Induced Ground Vibration. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 869.	2.5	67
125	Mesoscopic Coarse-Grained Simulations of Lysozyme Adsorption. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4451-4460.	2.6	66
126	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

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127	Controlling cyanobacterial blooms by managing nutrient ratio and limitation in a large hyper-eutrophic lake: Lake Taihu, China. <i>Journal of Environmental Sciences</i> , 2015, 27, 80-86.	6.1	65
128	DNMT1 mediates metabolic reprogramming induced by Epstein-Barr virus latent membrane protein 1 and reversed by grifolin in nasopharyngeal carcinoma. <i>Cell Death and Disease</i> , 2018, 9, 619.	6.3	65
129	Hippocampal proteomic changes of susceptibility and resilience to depression or anxiety in a rat model of chronic mild stress. <i>Translational Psychiatry</i> , 2019, 9, 260.	4.8	65
130	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
131	Ice-like Water Structure in Carbon Nanotube (8,8) Induces Cationic Hydration Enhancement. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11412-11420.	3.1	64
132	Cost-effective domestic wastewater treatment and bioenergy recovery in an immobilized microalgal-based photoautotrophic microbial fuel cell (PMFC). <i>Chemical Engineering Journal</i> , 2019, 372, 956-965.	12.7	64
133	Effect of composition on the formation of poly(DL-lactide) microspheres for drug delivery systems: Mesoscale simulations. <i>Chemical Engineering Journal</i> , 2007, 131, 195-201.	12.7	63
134	Neddylation pathway is up-regulated in human intrahepatic cholangiocarcinoma and serves as a potential therapeutic target. <i>Oncotarget</i> , 2014, 5, 7820-7832.	1.8	63
135	Staging, prognostic factors and adjuvant therapy of intrahepatic cholangiocarcinoma after curative resection. <i>Liver International</i> , 2014, 34, 953-960.	3.9	63
136	Spatial and temporal clonal evolution of intrahepatic cholangiocarcinoma. <i>Journal of Hepatology</i> , 2018, 69, 89-98.	3.7	63
137	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
138	Plasma Circulating Cell-free DNA Integrity as a Promising Biomarker for Diagnosis and Surveillance in Patients with Hepatocellular Carcinoma. <i>Journal of Cancer</i> , 2016, 7, 1798-1803.	2.5	62
139	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
140	Adsorption and Diffusion of Supercritical Carbon Dioxide in Slit Pores. <i>Langmuir</i> , 2000, 16, 8063-8070.	3.5	61
141	Multi-planar detection optimization algorithm for the interval charging structure of large-diameter longhole blasting design based on rock fragmentation aspects. <i>Engineering Optimization</i> , 2018, 50, 2177-2191.	2.6	61
142	Distinct PD-L1/PD1 Profiles and Clinical Implications in Intrahepatic Cholangiocarcinoma Patients with Different Risk Factors. <i>Theranostics</i> , 2019, 9, 4678-4687.	10.0	61
143	Single-stage denitrifying phosphorus removal biofilter utilizing intracellular carbon source for advanced nutrient removal and phosphorus recovery. <i>Bioresource Technology</i> , 2019, 277, 27-36.	9.6	61
144	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

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145	Biomarkers for hepatocellular carcinoma: progression in early diagnosis, prognosis, and personalized therapy. <i>Biomarker Research</i> , 2013, 1, 10.	6.8	60
146	Plasma MicroRNA, a Potential Biomarker for Acute Rejection After Liver Transplantation. <i>Transplantation</i> , 2013, 95, 991-999.	1.0	60
147	The elevated preoperative neutrophil-to-lymphocyte ratio predicts poor prognosis in intrahepatic cholangiocarcinoma patients undergoing hepatectomy. <i>Tumor Biology</i> , 2015, 36, 5283-5289.	1.8	60
148	Overexpression of interleukin-35 associates with hepatocellular carcinoma aggressiveness and recurrence after curative resection. <i>British Journal of Cancer</i> , 2016, 114, 767-776.	6.4	60
149	Extreme Climate Anomalies Enhancing Cyanobacterial Blooms in Eutrophic Lake Taihu, China. <i>Water Resources Research</i> , 2021, 57, e2020WR029371.	4.2	60
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