

Jian Zhou

List of Publications by Year in Descending Order

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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.

658
papers

21,734
citations

71
h-index

113
g-index

686
ext. papers

26,920
ext. citations

5.6
avg, IF

7.42
L-index

#	Paper	IF	Citations
658	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 , e24259	2.59	3
657	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	1.1	2
656	Complex NetworkBased Change Propagation Path Optimization in Mechanical Product Development. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
655	The treatment strategy and outcome for spontaneously ruptured hepatocellular carcinoma: a single-center experience in 239 patients.. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022 , 1	4.9	0
654	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	11	0
653	Enhanced thermophilic denitrification performance and potential microbial mechanism in denitrifying granular sludge system. <i>Bioresource Technology</i> , 2022 , 344, 126190	11	3
652	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	10.2	1
651	High probability of nitrogen and phosphorus co-limitation occurring in eutrophic lakes. <i>Environmental Pollution</i> , 2022 , 292, 118276	9.3	2
650	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	8.4	4
649	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	11.2	3
648	Novel Ensemble Tree Solution for Rockburst Prediction Using Deep Forest. <i>Mathematics</i> , 2022 , 10, 787	2.3	4
647	Characteristics and Clinical Significance of T-Cell Receptor Repertoire in Hepatocellular Carcinoma.. <i>Frontiers in Immunology</i> , 2022 , 13, 847263	8.4	
646	CD155/SRC complex promotes hepatocellular carcinoma progression via inhibiting the p38 MAPK signalling pathway and correlates with poor prognosis.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e794	5.7	2
645	Response of nitrogen removal performance and microbial community to a wide range of pH in thermophilic denitrification system.. <i>Bioresource Technology</i> , 2022 , 352, 127061	11	0
644	ATDA: Attentional temporal dynamic activation for speech emotion recognition. <i>Knowledge-Based Systems</i> , 2022 , 243, 108472	7.3	1
643	Co-occurrence of autotrophic and heterotrophic denitrification in electrolysis assisted constructed wetland packing with coconut fiber as solid carbon source.. <i>Chemosphere</i> , 2022 , 134762	8.4	0
642	Toxic Metals in a Paddy Field System: A Review. <i>Toxics</i> , 2022 , 10, 249	4.7	0

641	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. <i>Sustainability</i> , 2022 , 14, 6556	3.6	
640	Ultra-Sensitive and Affordable Assay for Early Detection of Primary Liver Cancer Using Plasma cfDNA Fragmentomics.. <i>Hepatology</i> , 2021 ,	11.2	5
639	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> , 2021 , 151498	10.2	1
638	Development and validation of a non-invasive model for diagnosing HBV-related liver cirrhosis. <i>Clinica Chimica Acta</i> , 2021 , 523, 525-531	6.2	0
637	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> , 2021 , 151672	10.2	
636	The interplay between surface-functionalized gold nanoparticles and negatively charged lipid vesicles. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 23526-23536	3.6	0
635	Plasma MicroRNA Panel Predicts Early Tumor Recurrence in Patients with Hepatocellular Carcinoma after Liver Transplantation. <i>Journal of Cancer</i> , 2021 , 12, 7190-7200	4.5	1
634	Mucin 1 promotes tumor progression through activating WNT/ β -catenin signaling pathway in intrahepatic cholangiocarcinoma. <i>Journal of Cancer</i> , 2021 , 12, 6937-6947	4.5	1
633	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, 1380-1380	5.3	12
632	Loss of ESRP1 blocks mouse oocyte development and leads to female infertility. <i>Development (Cambridge)</i> , 2021 , 148,	6.6	2
631	PNOX 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	8.4	4
630	Tumor-associated neutrophils and macrophages interaction contributes to intrahepatic cholangiocarcinoma progression by activating STAT3 2021 , 9,		9
629	Simulation Insight into the Synergic Role of Citrate and Polyaspartic Peptide in Biomineralization. <i>Langmuir</i> , 2021 , 37, 3410-3419	4	3
628	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 , 16, 727-737	3	3
627	Molecular simulations of charged complex fluids: A review. <i>Chinese Journal of Chemical Engineering</i> , 2021 , 31, 206-226	3.2	4
626	The diagnostic value of plasma exosomal for hepatocellular carcinoma. <i>Biomarkers in Medicine</i> , 2021 , 15, 359-371	2.3	9
625	Spatial distribution and risk factors of adverse treatment outcomes of tuberculosis in Guizhou, China, 2013-2018. <i>Scientific Reports</i> , 2021 , 11, 7706	4.9	2
624	Adaptive Routing Strategy Based on Improved Double Q-Learning for Satellite Internet of Things. <i>Security and Communication Networks</i> , 2021 , 2021, 1-11	1.9	0

623	High-temperature friction characteristics of N-BK7 glass and their correlation with viscoelastic loss modulus. <i>Ceramics International</i> , 2021 ,	5.1	2
622	Hydraulic flow direction alters nutrients removal performance and microbial mechanisms in electrolysis-assisted constructed wetlands. <i>Bioresource Technology</i> , 2021 , 325, 124692	11	6
621	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	7.1	15
620	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	3.2	1
619	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 , 9, 898-908	5.2	
618	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	3.8	5
617	Study on Rock Damage Mechanism for Lateral Blasting under High In Situ Stresses. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4992	2.6	3
616	Lysozyme Adsorption on Different Functionalized MXenes: A Multiscale Simulation Study. <i>Langmuir</i> , 2021 , 37, 5932-5942	4	0
615	Molecular fingerprint and machine learning to accelerate design of high-performance homochiral metal-organic frameworks. <i>AIChE Journal</i> , 2021 , 67, e17352	3.6	2
614	An Expert Artificial Intelligence Model for Discriminating Microseismic Events and Mine Blasts. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6474	2.6	0
613	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	3.2	0
612	DJ-1 modulates Nrf2-mediated MRP1 expression by activating Wnt3a/catenin signalling in A549 cells exposed to cigarette smoke extract and LPS. <i>Life Sciences</i> , 2021 , 276, 119089	6.8	4
611	Patient-Derived Xenograft Models for Intrahepatic Cholangiocarcinoma and Their Application in Guiding Personalized Medicine. <i>Frontiers in Oncology</i> , 2021 , 11, 704042	5.3	0
610	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	17.4	13
609	Extreme Climate Anomalies Enhancing Cyanobacterial Blooms in Eutrophic Lake Taihu, China. <i>Water Resources Research</i> , 2021 , 57, e2020WR029371	5.4	7
608	Development of a new methodology for estimating the amount of PPV in surface mines based on prediction and probabilistic models (GEP-MC). <i>International Journal of Mining, Reclamation and Environment</i> , 2021 , 35, 48-68	2.2	39
607	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	6.7	11
606	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	0

605	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	12.8	16
604	Facilitating harmful algae removal in fresh water via joint effects of multi-species algicidal bacteria. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123662	12.8	14
603	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	5
602	Detection of circulating tumour cells enables early recurrence prediction in hepatocellular carcinoma patients undergoing liver transplantation. <i>Liver International</i> , 2021 , 41, 562-573	7.9	8
601	Splicing factors: Insights into their regulatory network in alternative splicing in cancer. <i>Cancer Letters</i> , 2021 , 501, 83-104	9.9	7
600	Single-cell landscape of the ecosystem in early-relapse hepatocellular carcinoma. <i>Cell</i> , 2021 , 184, 404-421	16.16	96
599	Fabrication and mechanical properties of dual-heterogeneous titanium-based composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021 , 803, 140585	5.3	1
598	Molecular simulations on the hydration and underwater oleophobicity of zwitterionic self-assembled monolayers. <i>AIChE Journal</i> , 2021 , 67, e17103	3.6	6
597	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	10
596	Deep neural network and whale optimization algorithm to assess flyrock induced by blasting. <i>Engineering With Computers</i> , 2021 , 37, 173-186	4.5	72
595	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	2.1	31
594	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	8.6	3
593	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	2.6	6
592	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	1.3	0
591	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	6	7
590	Comment on Surface integrity analysis of ultra-thin glass molding process[Ceram. Int. (2021) https://doi.org/10.1016/j.ceramint.2021.07.236]. <i>Ceramics International</i> , 2021 , 47, 33930-33930	5.1	
589	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	11	8
588	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 ,	7.1	35

587	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	3.8	25
586	Identification of a novel Sox5 transcript in mouse testis. <i>Gene Expression Patterns</i> , 2021 , 41, 119197	1.5	0
585	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	4.3	1
584	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	7.6	6
583	A coarse-grained simulation of heat and mass transfer through a graphene oxide-based composite membrane. <i>Chemical Engineering Science</i> , 2021 , 243, 116692	4.4	5
582	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	2.3	0
581	Metagenomics reveals functional species and microbial mechanisms of an enriched thiosulfate-driven denitrification consortia. <i>Bioresource Technology</i> , 2021 , 341, 125916	11	1
580	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	4
579	Computer Simulations on a pH-Responsive Anticancer Drug Delivery System Using Zwitterion-Grafted Polyamidoamine Dendrimer Unimolecular Micelles. <i>Langmuir</i> , 2021 , 37, 1225-1234	4	12
578	The Effects of Macroeconomic Factors on Road Traffic Safety: A Study Based on the ARDL-ECM Model. <i>Sustainability</i> , 2020 , 12, 10262	3.6	0
577	Modeling and Simulation Analysis of Journal Impact Factor Dynamics Based on Submission and Citation Rules. <i>Complexity</i> , 2020 , 2020, 1-17	1.6	2
576	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	4
575	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	42.1	62
574	Hepatoma cell-intrinsic TLR9 activation induces immune escape through PD-L1 upregulation in hepatocellular carcinoma. <i>Theranostics</i> , 2020 , 10, 6530-6543	12.1	11
573	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	8.4	9
572	Developing a hybrid model of information entropy and unascertained measurement theory for evaluation of the excavatability in rock mass. <i>Engineering With Computers</i> , 2020 , 1	4.5	12
571	Approaching the Strain-Free Limit in Ultrathin Nanomechanical Resonators. <i>Nano Letters</i> , 2020 , 20, 5693-5698	11.9	7
570	Limited bias effect of intratumoral heterogeneity on genetic profiling of hepatocellular carcinoma. <i>Journal of Gastrointestinal Oncology</i> , 2020 , 11, 112-120	2.8	1

569	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	2.6	38
568	Simulated revelation of the adsorption behaviours of acetylcholinesterase on charged self-assembled monolayers. <i>Nanoscale</i> , 2020 , 12, 3701-3714	7.7	10
567	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	11	21
566	MiR-612 regulates invadopodia of hepatocellular carcinoma by HADHA-mediated lipid reprogramming. <i>Journal of Hematology and Oncology</i> , 2020 , 13, 12	22.4	25
565	Fiber-Reinforced Cemented Paste Backfill: The Effect of Fiber on Strength Properties and Estimation of Strength Using Nonlinear Models. <i>Materials</i> , 2020 , 13,	3.5	19
564	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	10.2	11
563	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	12.5	32
562	Analysis of journal evaluation indicators: an experimental study based on unsupervised Laplacian score. <i>Scientometrics</i> , 2020 , 124, 233-254	3	3
561	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	12.5	25
560	Numerical Investigation of Baroclinic Channel-Shoal Interaction in Partially Stratified Estuaries. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2020JC016135	3.3	4
559	Identification of FOS as a Candidate Risk Gene for Liver Cancer by Integrated Bioinformatic Analysis. <i>BioMed Research International</i> , 2020 , 2020, 6784138	3	5
558	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, 50	2.1	1
557	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	2.1	1
556	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	2.6	40
555	Determination of mechanical, flowability, and microstructural properties of cemented tailings backfill containing rice straw. <i>Construction and Building Materials</i> , 2020 , 246, 118520	6.7	23
554	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	10.2	7
553	Grain boundary migration and Zener pinning in a nanocrystalline CuAg alloy. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2020 , 28, 065017	2	1
552	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	11	13

551	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	11	50
550	Experimental and 3D MPFEM simulation study on the green density of Ti ₆ Al ₄ V powder compact during uniaxial high velocity compaction. <i>Journal of Alloys and Compounds</i> , 2020 , 817, 153226	5.7	6
549	Buckled Conductive Polymer Ribbons in Elastomer Channels as Stretchable Fiber Conductor. <i>Advanced Functional Materials</i> , 2020 , 30, 1907316	15.6	21
548	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	3.3	8
547	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	10.2	8
546	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	8.4	9
545	Lysozyme Adsorption on Porous Organic Cages: A Molecular Simulation Study. <i>Langmuir</i> , 2020 , 36, 12299-12308	4	12308
544	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	2.6	6
543	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	6.2	5
542	Impact of ambient stable stratification on gravity currents propagating over a submerged canopy. <i>Journal of Fluid Mechanics</i> , 2020 , 898,	3.7	3
541	Electrostatic Effect of Functional Surfaces on the Activity of Adsorbed Enzymes: Simulations and Experiments. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35676-35687	9.5	6
540	High-throughput single-EV liquid biopsy: Rapid, simultaneous, and multiplexed detection of nucleic acids, proteins, and their combinations. <i>Science Advances</i> , 2020 , 6,	14.3	21
539	Effect of surgical margin on recurrence based on preoperative circulating tumor cell status in hepatocellular carcinoma. <i>EBioMedicine</i> , 2020 , 62, 103107	8.8	6
538	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	5.7	0
537	Anlotinib suppresses tumor progression via blocking the VEGFR2/PI3K/AKT cascade in intrahepatic cholangiocarcinoma. <i>Cell Death and Disease</i> , 2020 , 11, 573	9.8	24
536	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	5.8	5
535	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	5
534	How does three-dimensional canopy geometry affect the front propagation of a gravity current?. <i>Physics of Fluids</i> , 2020 , 32, 096605	4.4	3

533	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	9.8	3
532	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	11.5	11
531	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> , 2020 , 1	4.5	11
530	Residual Sediment Transport in Tidally Energetic Estuarine Channels With Lateral Bathymetric Variation. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2020JC016140	3.3	1
529	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, 2429843	2.3	0
528	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> , 2020 , 271, 534-541	7.8	41
527	HNRNPAB-regulated lncRNA-ELF209 inhibits the malignancy of hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2020 , 146, 169-180	7.5	17
526	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	13
525	Computer simulations of underwater oil adhesion of self-assembled monolayers on Au (111). <i>Molecular Simulation</i> , 2020 , 46, 713-720	2	3
524	Far upstream element-binding protein 1 facilitates hepatocellular carcinoma invasion and metastasis. <i>Carcinogenesis</i> , 2020 , 41, 950-960	4.6	4
523	Circulating tumor DNA correlates with microvascular invasion and predicts tumor recurrence of hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2020 , 8, 237	3.2	12
522	Risk Factors and Outcomes of Early Relapse After Curative Resection of Intrahepatic Cholangiocarcinoma. <i>Frontiers in Oncology</i> , 2019 , 9, 854	5.3	10
521	Woven Fabric Density Measurement by Using Multi-Scale Convolutional Neural Networks. <i>IEEE Access</i> , 2019 , 7, 75810-75821	3.5	9
520	Whisper to Normal Speech Conversion Using Sequence-to-Sequence Mapping Model With Auditory Attention. <i>IEEE Access</i> , 2019 , 7, 130495-130504	3.5	3
519	Experimental and Numerical Investigation of Blast-Induced Vibration for Short-Delay Cut Blasting in Underground Mining. <i>Shock and Vibration</i> , 2019 , 2019, 1-13	1.1	2
518	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	11	50
517	Facilitating effects of plant hormones on biomass production and nutrients removal by <i>Tetraselmis cordiformis</i> for advanced sewage treatment and its mechanism. <i>Science of the Total Environment</i> , 2019 , 693, 133650	10.2	8
516	GLRX inhibition enhances the effects of gefitinib in EGFR-TKI-resistant NSCLC cells through FoxM1 signaling pathway. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019 , 145, 861-872	4.9	6

515	Lymphoid-specific helicase promotes the growth and invasion of hepatocellular carcinoma by transcriptional regulation of centromere protein F expression. <i>Cancer Science</i> , 2019 , 110, 2133-2144	6.9	17
514	Establishment and efficiency analysis of a single-stage denitrifying phosphorus removal system treating secondary effluent. <i>Bioresource Technology</i> , 2019 , 288, 121520	11	18
513	Effects of Expansive Agents on the Early Hydration Kinetics of Cementitious Binders. <i>Materials</i> , 2019 , 12,	3.5	8
512	Rapid synthesis of carbon materials by microwave-assisted hydrothermal method at low temperature and its adsorption properties for uranium (VI). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 321, 629-646	1.5	4
511	Development and validation of a new tumor-based gene signature predicting prognosis of HBV/HCV-included resected hepatocellular carcinoma patients. <i>Journal of Translational Medicine</i> , 2019 , 17, 203	8.5	10
510	Development and validation of a prognostic score predicting recurrence in resected combined hepatocellular cholangiocarcinoma. <i>Cancer Management and Research</i> , 2019 , 11, 5187-5195	3.6	8
509	Influence of Polypropylene Fiber Reinforcement on Tensile Behavior and Failure Mode of Tailings Cemented Paste Backfill. <i>IEEE Access</i> , 2019 , 7, 69015-69026	3.5	12
508	Tissue-infiltrating lymphocytes signature predicts survival in patients with early/intermediate stage hepatocellular carcinoma. <i>BMC Medicine</i> , 2019 , 17, 106	11.4	17
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