

Jian Xu

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.

825
papers

24,708
citations

73
h-index

123
g-index

868
ext. papers

29,995
ext. citations

5.2
avg, IF

7.61
L-index

#	Paper	IF	Citations
825	Primordial mimicry induces morphological change in Escherichia coli.. <i>Communications Biology</i> , 2022 , 5, 24	6.7	1
824	Tunable broadband low-frequency band gap of multiple-layer metastructure induced by time-delayed vibration absorbers. <i>Nonlinear Dynamics</i> , 2022 , 107, 1903	5	2
823	Species-resolved sequencing of low-biomass or degraded microbiomes using 2bRAD-M.. <i>Genome Biology</i> , 2022 , 23, 36	18.3	2
822	Influence of the Residual Iron on the Erosion of Carbon Bricks in a 4000 m3 Blast Furnace Hearth: From the Measured Properties to the Proposed Mechanisms. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2022 , 53, 931	2.5	1
821	Unraveling electron liberation from Bi2+ for designing Bi3+-based afterglow phosphor for anti-counterfeiting and flexible X-ray imaging. <i>Chemical Engineering Journal</i> , 2022 , 435, 135038	14.7	7
820	The Impact of Intellectual Capital on Bank Profitability during COVID-19: A Comparison with China and Pakistan. <i>Complexity</i> , 2022 , 2022, 1-10	1.6	2
819	Experimental Study on Uniaxial Compression Behavior of Fissured Loess Before and After Vibration. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	7
818	Association between air pollution and outpatient visits for allergic rhinitis: Effect modification by ambient temperature and relative humidity.. <i>Science of the Total Environment</i> , 2022 , 821, 152960	10.2	2
817	A novel plant-internal route of recycling sulfur from the flue gas desulfurization (FGD) ash through sintering process: From lab-scale principles to industrial practices. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 106957	6.8	1
816	Organophosphate esters in sediment from Taihu Lake, China: Bridging the gap between riverine sources and lake sinks. <i>Frontiers of Environmental Science and Engineering</i> , 2022 , 16, 1	5.8	0
815	Atomic-dispersed copper simultaneously achieve high-efficiency removal and high-value-added conversion to ammonia of nitrate in sewage. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127319	12.8	9
814	Cross-Regional Analysis of the Aging Phenomenon of Biomedical Scholars. <i>Lecture Notes in Computer Science</i> , 2022 , 244-254	0.9	
813	Does Intellectual Capital Affect Financial Leverage of Chinese Agricultural Companies? Exploring the Role of Firm Profitability. <i>Sustainability</i> , 2022 , 14, 2682	3.6	0
812	Assessing Efficacy of Clinical Disinfectants for Pathogenic Fungi by Single-Cell Raman Microspectroscopy.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 772378	5.9	
811	IS TOO MUCH A GOOD THING? THE NON-LINEAR RELATIONSHIP BETWEEN INTELLECTUAL CAPITAL AND FINANCIAL COMPETITIVENESS IN THE CHINESE AUTOMOTIVE INDUSTRY. <i>Journal of Business Economics and Management</i> , 2022 , 1-24	2	0
810	Exploring a blue-light-sensing transcription factor to double the peak productivity of oil in <i>Nannochloropsis oceanica</i> .. <i>Nature Communications</i> , 2022 , 13, 1664	17.4	0
809	Effect of dopant concentration on the optical characteristics of Cr3+:ZnGa2O4 transparent ceramics exhibiting persistent luminescence. <i>Optical Materials</i> , 2022 , 125, 112127	3.3	0

808	Distribution, source apportionment and health risk assessment of phthalate esters in outdoor dust samples on Tibetan Plateau, China.. <i>Science of the Total Environment</i> , 2022 , 155103	10.2	0
807	Optimal control of the multi-module vibration-driven locomotion robot. <i>Journal of Sound and Vibration</i> , 2022 , 527, 116867	3.9	0
806	Atom-dispersed copper and nano-palladium in the boron-carbon-nitrogen matrix cooperate to realize the efficient purification of nitrate wastewater and the electrochemical synthesis of ammonia.. <i>Journal of Hazardous Materials</i> , 2022 , 434, 128909	12.8	0
805	Identification of High $\delta^{18}O$ Adakite-Like Granites in SE Tibet: Implication for Diapiric Relamination of Subducted Sediments. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	0
804	Spatial distribution, receptor modelling and risk assessment of organophosphate esters in surface water from the largest freshwater lake in China.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 238, 113618	7.18	0
803	Cement-Improved Wetting Resistance of Coarse Saline Soils in Northwest China. <i>Journal of Testing and Evaluation</i> , 2021 , 49, 20180533	1	2
802	Stereoselective profiling of methamphetamine in a full-scale wastewater treatment plant and its biotransformation in the activated sludge batch experiments. <i>Water Research</i> , 2021 , 209, 117908	12.5	
801	Response of PM _{2.5} -bound elemental species to emission variations and associated health risk assessment during the COVID-19 pandemic in a coastal megacity. <i>Journal of Environmental Sciences</i> , 2021 ,	6.4	1
800	Vertical profile and assessment of soil pollution from a typical coking plant by suspect screening and non-target screening using GC/QTOF-MS. <i>Science of the Total Environment</i> , 2021 , 151278	10.2	
799	Time-Delay-Based Direct Wave Control of the Phononic Beam 2021 , 193-199		
798	Does intellectual capital investment enhance firm performance? Evidence from pharmaceutical sector in China. <i>Technology Analysis and Strategic Management</i> , 2021 , 33, 1006-1021	3.2	11
797	Corrosion Behavior of Rockbolts in Simulated Underground Mining Solutions Using Macro-scale and Micro-scale Electrochemical Measurements. <i>Journal of Materials Engineering and Performance</i> , 2021 , 30, 2632-2644	1.6	0
796	Intramolecular Stereoselective Stetter Reaction Catalyzed by Benzaldehyde Lyase. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9326-9329	16.4	10
795	Intramolecular Stereoselective Stetter Reaction Catalyzed by Benzaldehyde Lyase. <i>Angewandte Chemie</i> , 2021 , 133, 9412-9415	3.6	2
794	Comparative Efficacy of the Novel Diarylquinoline TBAJ-587 and Bedaquiline against a Resistant Mutant in a Mouse Model of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	11
793	Permeability and Microstructure of a Saline Intact Loess after Dry-Wet Cycles. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-18	1.3	6
792	Evolution of Ycf54-independent chlorophyll biosynthesis in cyanobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
791	Giant Vesicles Produced with Phosphatidylcholines (PCs) and Phosphatidylethanolamines (PEs) by Water-in-Oil Inverted Emulsions. <i>Life</i> , 2021 , 11,	3	2

790	Dissolution Behaviour of Laves Phase in P92 High Alloy Steel in Alkaline Solutions. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 031505	3.9	
789	Simultaneous enantioselective analysis of illicit drugs in wastewater and surface water by chiral LC-MS/MS: A pilot study on a wastewater treatment plant and its receiving river. <i>Environmental Pollution</i> , 2021 , 273, 116424	9.3	6
788	Wearable Glucose Monitoring and Implantable Drug Delivery Systems for Diabetes Management. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100194	10.1	7
787	Does Intellectual Capital Investment Improve Financial Competitiveness and Green Innovation Performance? Evidence from Renewable Energy Companies in China. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-13	1.1	8
786	Longitudinal Multi-omics and Microbiome Meta-analysis Identify an Asymptomatic Gingival State That Links Gingivitis, Periodontitis, and Aging. <i>MBio</i> , 2021 , 12,	7.8	9
785	Active Thermal Management of High-Power LED Through Chip on Thermoelectric Cooler. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 1753-1756	2.9	4
784	Genome engineering of Nannochloropsis with hundred-kilobase fragment deletions by Cas9 cleavages. <i>Plant Journal</i> , 2021 , 106, 1148-1162	6.9	6
783	Experimental study of event-based neural network control on parallel manipulator. <i>Mechatronics</i> , 2021 , 75, 102514	3	2
782	Do Intellectual Capital Elements Spur Firm Performance? Evidence from the Textile and Apparel Industry in China. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-12	1.1	6
781	Solid-State Lighting 2021 , 187-274		
780	One-Cell Metabolic Phenotyping and Sequencing of Soil Microbiome by Raman-Activated Gravity-Driven Encapsulation (RAGE). <i>MSystems</i> , 2021 , 6, e0018121	7.6	6
779	Image-based prediction of granular flow behaviors in a wedge-shaped hopper by combing DEM and deep learning methods. <i>Powder Technology</i> , 2021 , 383, 159-166	5.2	4
778	Unraveling the Luminescence Quenching of Phosphors under High-Power-Density Excitation. <i>Acta Materialia</i> , 2021 , 209, 116813	8.4	9
777	Enantioselective Synthesis of 3-Substituted 3-Amino-2-oxindoles by Amination with Anilines. <i>Chemistry - A European Journal</i> , 2021 , 27, 9272-9275	4.8	2
776	Culture-Free Identification and Metabolic Profiling of Microalgal Single Cells via Ensemble Learning of Ramanomes. <i>Analytical Chemistry</i> , 2021 , 93, 8872-8880	7.8	3
775	A Visualization Method of Quantifying Carbon Combustion Energy in the Sintering Packed Bed. <i>ISIJ International</i> , 2021 , 61, 1801-1807	1.7	0
774	Quest for a pristine unreconstructed SrTiO ₃ (001) surface: An atomically resolved study via noncontact atomic force microscopy. <i>Physical Review B</i> , 2021 , 103,	3.3	6
773	Study on Strength Behavior of Basalt Fiber-Reinforced Loess by Digital Image Technology (DIT) and Scanning Electron Microscope (SEM). <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 11319	2.5	14

772	Identification of antigenic domains and peptides from VP15 of white spot syndrome virus and their antiviral effects in <i>Marsupenaeus japonicus</i> . <i>Scientific Reports</i> , 2021 , 11, 12766	4.9	2
771	Triaxial Shear Behavior of Basalt Fiber-Reinforced Loess Based on Digital Image Technology. <i>KSCE Journal of Civil Engineering</i> , 2021 , 25, 3714-3726	1.9	15
770	Multimodal vibration suppression of nonlinear Euler-Bernoulli beam by multiple time-delayed vibration absorbers. <i>Meccanica</i> , 2021 , 56, 2429-2449	2.1	0
769	Manipulating fatty-acid profile at unit chain-length resolution in the model industrial oleaginous microalgae <i>Nannochloropsis</i> . <i>Metabolic Engineering</i> , 2021 , 66, 157-166	9.7	4
768	Utilization and impacts of hydrogen in the ironmaking processes: A review from lab-scale basics to industrial practices. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 26646-26664	6.7	5
767	Integrated Addressable Dynamic Droplet Array (aDDA) as Sub-Nanoliter Reactors for High-Coverage Genome Sequencing of Single Yeast Cells. <i>Small</i> , 2021 , 17, e2100325	11	0
766	Asymmetric Catalytic Concise Synthesis of Hetero-3,3'-Bisoxindoles for the Construction of Bispyrroloindoline Alkaloids. <i>CCS Chemistry</i> , 2021 , 3, 1894-1902	7.2	13
765	Time-Delayed Feedback Control Design and Its Application for Vibration Absorption. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 8593-8602	8.9	8
764	Government subsidies, R&D investment and innovation performance: analysis from pharmaceutical sector in China. <i>Technology Analysis and Strategic Management</i> , 2021 , 33, 535-553	3.2	24
763	Influence of freeze-thaw cycles on microstructure and hydraulic conductivity of saline intact loess. <i>Cold Regions Science and Technology</i> , 2021 , 181, 103183	3.8	39
762	Development of White Persistent Phosphors by Manipulating Lanthanide Ions in Gadolinium Gallium Garnets. <i>Advanced Photonics Research</i> , 2021 , 2, 2000102	1.9	6
761	Structural insight into a GH1 α -glucosidase from the oleaginous microalga, <i>Nannochloropsis oceanica</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 170, 196-206	7.9	2
760	Mono-2-ethylhexyl phthalate drives progression of PINK1-parkin-mediated mitophagy via increasing mitochondrial ROS to exacerbate cytotoxicity. <i>Redox Biology</i> , 2021 , 38, 101776	11.3	11
759	The requirement of cellularity for abiogenesis. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 2202-2212	6.8	0
758	Zwitterionic liquid crystalline polythiophene as an antibiofouling biomaterial. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 349-356	7.3	2
757	Bi-objective optimization for improving the locomotion performance of the vibration-driven robot. <i>Archive of Applied Mechanics</i> , 2021 , 91, 2073-2088	2.2	5
756	Meta-Apo improves accuracy of 16S-amplicon-based prediction of microbiome function. <i>BMC Genomics</i> , 2021 , 22, 9	4.5	5
755	DO-Probed Raman Microspectroscopy Distinguishes the Metabolic Dynamics of Macromolecules in Organellar Anticancer Drug Response. <i>Analytical Chemistry</i> , 2021 , 93, 2125-2134	7.8	5

754	Spatial distribution, historical trend, and ecological risk assessment of phthalate esters in sediment from Taihu Lake, China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 25207-25217	5.1	6
753	Arginine methylation of R81 in Smad6 confines BMP-induced Smad1 signaling. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100496	5.4	2
752	Enantioselective [4 + 2] Cycloaddition/Cyclization Cascade Reaction and Total Synthesis of -Bis(cyclotryptamine) Alkaloids. <i>Organic Letters</i> , 2021 , 23, 1856-1861	6.2	6
751	Distribution, source apportionment, and health risk assessment of phthalate esters in indoor dust samples across China. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	14
750	Microbiome Search Engine 2: a Platform for Taxonomic and Functional Search of Global Microbiomes on the Whole-Microbiome Level. <i>MSystems</i> , 2021 , 6,	7.6	10
749	Occurrence, sources, and ecological risks of three classes of insecticides in sediments of the Liaohe River basin, China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 62726-62735	5.1	4
748	A novel origami mechanical metamaterial based on Miura-variant designs: exceptional multistability and shape reconfigurability. <i>Smart Materials and Structures</i> , 2021 , 30, 085029	3.4	7
747	Fate of antibiotic resistance genes in farmland soil applied with three different fertilizers during the growth cycle of pakchoi and after harvesting. <i>Journal of Environmental Management</i> , 2021 , 289, 112376	7.9	5
746	Exploring the Nonlinear Effect of Intellectual Capital on Financial Performance: Evidence from Listed Shipping Companies in China. <i>Complexity</i> , 2021 , 2021, 1-12	1.6	5
745	A Scale-Free, Fully Connected Global Transition Network Underlies Known Microbiome Diversity. <i>MSystems</i> , 2021 , 6, e0039421	7.6	1
744	Arginine methylation in the epithelial-to-mesenchymal transition. <i>FEBS Journal</i> , 2021 ,	5.7	1
743	Production of an active <i>Mus musculus</i> IL-3 using updated silkworm-based baculovirus expression vector system. <i>Journal of Asia-Pacific Entomology</i> , 2021 , 24, 544-549	1.4	
742	BaTiF:Mn Red Phosphor: Synthesis of Single Crystals at Room Temperature and the High Hydrolysis-Resistant Property. <i>Inorganic Chemistry</i> , 2021 , 60, 13212-13221	5.1	2
741	Variability in Indonesian Throughflow Upper Hydrology in Response to Precession-Induced Tropical Climate Processes Over the Past 120 kyr. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC017014	3.7	1
740	Intra-Ramanome Correlation Analysis Unveils Metabolite Conversion Network from an Isogenic Population of Cells. <i>MBio</i> , 2021 , 12, e0147021	7.8	1
739	Does Intellectual Capital Measurement Matter in Financial Performance? An Investigation of Chinese Agricultural Listed Companies. <i>Agronomy</i> , 2021 , 11, 1872	3.6	4
738	pH-responsive pickering foam created from self-aggregate polymer using dynamic covalent bond. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 383-392	9.3	1
737	Occurrence, bioaccumulation and toxicological effect of drugs of abuse in aquatic ecosystem: A review. <i>Environmental Research</i> , 2021 , 200, 111362	7.9	6

736	Modeling of coupled transfer of water, heat and solute in saline loess considering sodium sulfate crystallization. <i>Cold Regions Science and Technology</i> , 2021 , 189, 103335	3.8	18
735	Low-Temperature Hydrogenation of Toluene Using an Iron-Promoted Molybdenum Carbide Catalyst. <i>Catalysts</i> , 2021 , 11, 1079	4	
734	Single-atom Co embedded in BCN matrix to achieve 100% conversion of peroxymonosulfate into singlet oxygen. <i>Applied Catalysis B: Environmental</i> , 2021 , 300, 120759	21.8	5
733	Fabrication of single-mode circular optofluidic waveguides in fused silica using femtosecond laser microfabrication. <i>Optics and Laser Technology</i> , 2021 , 141, 107118	4.2	3
732	A milliliter to picoliter-level centrifugal microfluidic concentrator for fast pathogen detection and antimicrobial susceptibility testing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 343, 130117	8.5	1
731	Tissue-specific accumulation, elimination, and toxicokinetics of illicit drugs in adult zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2021 , 792, 148153	10.2	3
730	Laser multifunctional fabrication of metallic microthermal components embedded in fused silica for microfluidic applications. <i>Optics and Laser Technology</i> , 2021 , 144, 107413	4.2	0
729	Design of a SiAlON:Eu based phosphor-in-glass film with high saturation threshold for high-luminance laser-driven backlighting. <i>Applied Physics Letters</i> , 2021 , 119, 231102	3.4	2
728	High-Pressure Photoluminescence Properties of Cr-Doped LaGaO Perovskites Modulated by Pressure-Induced Phase Transition. <i>Inorganic Chemistry</i> , 2021 ,	5.1	3
727	Ni-modified magnetic nanoparticles for affinity purification of His-tagged proteins from the complex matrix of the silkworm fat body. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 159	9.4	6
726	The NanDeSyn database for Nannochloropsis systems and synthetic biology. <i>Plant Journal</i> , 2020 , 104, 1736-1745	6.9	12
725	Degradation of Ketamine and Methamphetamine by the UV/H ₂ O ₂ System: Kinetics, Mechanisms and Comparison. <i>Water (Switzerland)</i> , 2020 , 12, 2999	3	1
724	Hexagonal SrAlSiO:Eu,Dy transparent ceramics with tuneable persistent luminescence properties. <i>Dalton Transactions</i> , 2020 , 49, 16849-16859	4.3	4
723	Energy determines multiple stability in time-delayed systems. <i>Nonlinear Dynamics</i> , 2020 , 102, 2399-2416	5	3
722	Rational Optimization of Raman-Activated Cell Ejection and Sequencing for Bacteria. <i>Analytical Chemistry</i> , 2020 , 92, 8081-8089	7.8	6
721	The Role of Corporate Political Connections in Commercial Lawsuits: Evidence From Chinese Courts. <i>Comparative Political Studies</i> , 2020 , 53, 2321-2358	3.2	0
720	Indo-Pacific Hydroclimate in Response to Changes of the Intertropical Convergence Zone: Discrepancy on Precession and Obliquity Bands Over the Last 410 kyr. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD032125	4.4	3
719	In-plane gait planning for earthworm-like metamer robots using genetic algorithm. <i>Bioinspiration and Biomimetics</i> , 2020 , 15, 056012	2.6	5

718	Modeling of wetting deformation of coarse saline soil with an improved von Wolffersdorff model. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 4783-4804	4	1
717	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. <i>Science Advances</i> , 2020 , 6, eaaz7677	14.3	21
716	Numerical Analysis of Effects of Different Blast Parameters on the Gas and Burden Distribution Characteristics Inside Blast Furnace. <i>ISIJ International</i> , 2020 , 60, 856-864	1.7	2
715	Aqueous chlorination of ephedrine: Kinetic, reaction mechanism and toxicity assessment. <i>Science of the Total Environment</i> , 2020 , 740, 140146	10.2	5
714	Phenome-Genome Profiling of Single Bacterial Cell by Raman-Activated Gravity-Driven Encapsulation and Sequencing. <i>Small</i> , 2020 , 16, e2001172	11	13
713	Transient shrinkage behavior of wustite-centered binary/ternary/quaternary/quinary-component oxide packed beds in a reducing atmosphere up to 1773 K. <i>Ceramics International</i> , 2020 , 46, 11854-11860 ⁵⁻¹	5.1	
712	Effective Ratiometric Luminescent Thermal Sensor by Cr ³⁺ -Doped Mullite Bi ₂ Al ₄ O ₉ with Robust and Reliable Performances. <i>Advanced Optical Materials</i> , 2020 , 8, 2000124	8.1	57
711	Analytical solutions for steady state responses of an infinite Euler-Bernoulli beam on a nonlinear viscoelastic foundation subjected to a harmonic moving load. <i>Journal of Sound and Vibration</i> , 2020 , 476, 115271	3.9	9
710	Efficient and Low-Cost Error Removal in DNA Synthesis by a High-Durability MutS. <i>ACS Synthetic Biology</i> , 2020 , 9, 940-952	5.7	2
709	Building a PubMed knowledge graph. <i>Scientific Data</i> , 2020 , 7, 205	8.2	36
708	Industry-friendly synthesis and high saturation threshold of a LuAG:Ce/glass composite film realizing high-brightness laser lighting. <i>Journal of the European Ceramic Society</i> , 2020 , 40, 6031-6036	6	12
707	Adaptive evolution of low-salinity tolerance and hypoosmotic regulation in a euryhaline teleost, <i>Takifugu obscurus</i> . <i>Marine Biology</i> , 2020 , 167, 1	2.5	6
706	Effect of freeze-thaw on freezing point and thermal conductivity of loess. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	6
705	Remnants of a Middle Triassic island arc on western margin of South China Block: Evidence for bipolar subduction of the Paleotethyan Ailaoshan Ocean. <i>Lithos</i> , 2020 , 360-361, 105447	2.9	10
704	Theoretical Parameter-Free Analysis Model for Temperature-Programmed Desorption (TPD) Spectra. <i>ACS Omega</i> , 2020 , 5, 4148-4157	3.9	3
703	Worm-like motion enabled by changing the position of mass center in the anisotropic environment. <i>Archive of Applied Mechanics</i> , 2020 , 90, 1059-1071	2.2	0
702	The generalization of equal-peak method for delay-coupled nonlinear system. <i>Physica D: Nonlinear Phenomena</i> , 2020 , 403, 132340	3.3	13
701	Chemical removal and selectivity reduction of nitrate from water by (nano) zero-valent iron/activated carbon micro-electrolysis. <i>Chemosphere</i> , 2020 , 248, 125986	8.4	24

700	A novel Z-scheme AgBr/P-g-C3N4 heterojunction photocatalyst: Excellent photocatalytic performance and photocatalytic mechanism for ephedrine degradation. <i>Applied Catalysis B: Environmental</i> , 2020 , 266, 118614	21.8	83
699	Freeform Microfluidic Networks Encapsulated in Laser-Printed 3D Macroscale Glass Objects. <i>Advanced Materials Technologies</i> , 2020 , 5, 1900989	6.8	9
698	Multiple-Disease Detection and Classification across Cohorts via Microbiome Search. <i>MSystems</i> , 2020 , 5,	7.6	12
697	High dielectric performance of (Nb5+, Lu3+) co-doped TiO2 ceramics in a broad temperature range. <i>Materials Letters</i> , 2020 , 271, 127838	3.3	5
696	Model-free control of flexible manipulator based on intrinsic design. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 1-1	5.5	3
695	Mechanistic Understanding of the Dissolution Behavior of the Precipitates in 12Cr Martensitic Steel during Potentiodynamic Polarization in Strong Alkaline Solutions. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 141501	3.9	1
694	Occurrence and removal of illicit drugs in different wastewater treatment plants with different treatment techniques. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	11
693	Antibiotic resistance genes in different animal manures and their derived organic fertilizer. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	8
692	Impact of Environmental Investment on Financial Performance: Evidence from Chinese listed Companies. <i>Polish Journal of Environmental Studies</i> , 2020 , 29, 2235-2245	2.3	3
691	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	1
690	Assessing contributions of natural surface and anthropogenic emissions to atmospheric mercury in a fast-developing region of eastern China from 2015 to 2018. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 10985-10996	6.8	0
689	NEXUS BETWEEN INTELLECTUAL CAPITAL AND FINANCIAL PERFORMANCE: AN INVESTIGATION OF CHINESE MANUFACTURING INDUSTRY. <i>Journal of Business Economics and Management</i> , 2020 , 22, 217-235	2	11
688	Importance of gas-particle partitioning of ammonia in haze formation in the rural agricultural environment. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 7259-7269	6.8	11
687	The Impact of Intellectual Capital on Firm Performance: A Modified and Extended VAIC Model. <i>Journal of Competitiveness</i> , 2020 , 12, 161-176	4	32
686	Combining Discrete Element Method and Artificial Neural Network to Predict the Particle Segregation Behaviors at Bell-Less Top Blast Furnace. <i>Minerals, Metals and Materials Series</i> , 2020 , 551-559 ³	0.3	
685	Design of a CaAlSiN3:Eu/glass composite film: Facile synthesis, high saturation-threshold and application in high-power laser lighting. <i>Journal of the European Ceramic Society</i> , 2020 , 40, 4704-4708	6	18
684	One-Step Large-Scale Nanotexturing of Nonplanar PTFE Surfaces to Induce Bactericidal and Anti-inflammatory Properties. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 26893-26904	9.5	7
683	Zwitterionic Porous Conjugated Polymers as a Versatile Platform for Antibiofouling Implantable Bioelectronics. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 528-536	4.3	13

682	Heat, water and solute transfer in saline loess under uniaxial freezing condition. <i>Computers and Geotechnics</i> , 2020 , 118, 103319	4.4	16
681	Shear strength and mesoscopic character of undisturbed loess with sodium sulfate after dry-wet cycling. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 1523-1541	4	23
680	Skin benefits of moisturising body wash formulas for children with atopic dermatitis: A randomised controlled clinical study in China. <i>Australasian Journal of Dermatology</i> , 2020 , 61, e54-e59	1.3	9
679	A systematic and methodical approach for the efficient purification of recombinant protein from silkworm larval hemolymph. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1138, 121964	3.2	3
678	Identification of secretion domain of <i>Neospora caninum</i> profilin. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 522, 8-13	3.4	
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