

Jian Xu

List of Publications by Year in descending order

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845
papers

34,653
citations

4388

86
h-index

9861

141
g-index

868
all docs

868
docs citations

868
times ranked

34818
citing authors

#	ARTICLE	IF	CITATIONS
1	A Genomic View of the Human- <i>Bacteroides thetaiotaomicron</i> Symbiosis. <i>Science</i> , 2003, 299, 2074-2076.	12.6	1,186
2	Glycan Foraging in Vivo by an Intestine-Adapted Bacterial Symbiont. <i>Science</i> , 2005, 307, 1955-1959.	12.6	1,000
3	Honor thy symbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10452-10459.	7.1	795
4	Occurrence of antibiotics and antibiotic resistance genes in a sewage treatment plant and its effluent-receiving river. <i>Chemosphere</i> , 2015, 119, 1379-1385.	8.2	524
5	Identification of genes subject to positive selection in uropathogenic strains of <i>Escherichia coli</i> : A comparative genomics approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5977-5982.	7.1	509
6	Evolution of Symbiotic Bacteria in the Distal Human Intestine. <i>PLoS Biology</i> , 2007, 5, e156.	5.6	490
7	Persistent luminescence instead of phosphorescence: History, mechanism, and perspective. <i>Journal of Luminescence</i> , 2019, 205, 581-620.	3.1	425
8	Autotrophic growth of nitrifying community in an agricultural soil. <i>ISME Journal</i> , 2011, 5, 1226-1236.	9.8	366
9	Saliva microbiomes distinguish caries-active from healthy human populations. <i>ISME Journal</i> , 2012, 6, 1-10.	9.8	320
10	Choreography of Transcriptomes and Lipidomes of <i>Nannochloropsis</i> Reveals the Mechanisms of Oil Synthesis in Microalgae. <i>Plant Cell</i> , 2014, 26, 1645-1665.	6.6	311
11	Degradation and adsorption of selected pharmaceuticals and personal care products (PPCPs) in agricultural soils. <i>Chemosphere</i> , 2009, 77, 1299-1305.	8.2	300
12	Photocatalytic degradation of tetrabromobisphenol A by mesoporous BiOBr: Efficacy, products and pathway. <i>Applied Catalysis B: Environmental</i> , 2011, 107, 355-362.	20.2	270
13	A chiral lanthanide metal-organic framework for selective sensing of Fe(III) ions. <i>Dalton Transactions</i> , 2016, 45, 1040-1046.	3.3	269
14	Phytohormones in microalgae: a new opportunity for microalgal biotechnology?. <i>Trends in Plant Science</i> , 2015, 20, 273-282.	8.8	268
15	Potential source contributions and risk assessment of PAHs in sediments from Taihu Lake, China: Comparison of three receptor models. <i>Water Research</i> , 2012, 46, 3065-3073.	11.3	242
16	Intestinal Microbiota Distinguish Gout Patients from Healthy Humans. <i>Scientific Reports</i> , 2016, 6, 20602.	3.3	238
17	Distribution, sources and composition of antibiotics in sediment, overlying water and pore water from Taihu Lake, China. <i>Science of the Total Environment</i> , 2014, 497-498, 267-273.	8.0	234
18	Thermal management for high power lithium-ion battery by minichannel aluminum tubes. <i>Applied Thermal Engineering</i> , 2016, 101, 284-292.	6.0	232

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19	Genome editing of model oleaginous microalgae <i>Nannochloropsis</i> spp. by CRISPR/Cas9. <i>Plant Journal</i> , 2016, 88, 1071-1081.	5.7	229
20	The complete genome sequence of a chronic atrophic gastritis <i>Helicobacter pylori</i> strain: Evolution during disease progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9999-10004.	7.1	228
21	Occurrence and distribution of antibiotics, antibiotic resistance genes in the urban rivers in Beijing, China. <i>Environmental Pollution</i> , 2016, 213, 833-840.	7.5	226
22	<i>Nannochloropsis</i> Genomes Reveal Evolution of Microalgal Oleaginous Traits. <i>PLoS Genetics</i> , 2014, 10, e1004094.	3.5	217
23	Novel Features of the Polysaccharide-Digesting Gliding Bacterium <i>Flavobacterium johnsoniae</i> as Revealed by Genome Sequence Analysis. <i>Applied and Environmental Microbiology</i> , 2009, 75, 6864-6875.	3.1	212
24	Feed-additive probiotics accelerate yet antibiotics delay intestinal microbiota maturation in broiler chicken. <i>Microbiome</i> , 2017, 5, 91.	11.1	208
25	Prediction of Early Childhood Caries via Spatial-Temporal Variations of Oral Microbiota. <i>Cell Host and Microbe</i> , 2015, 18, 296-306.	11.0	204
26	Distribution and ecological risk of antibiotics in a typical effluent-receiving river (Wangyang River) in north China. <i>Chemosphere</i> , 2014, 112, 267-274.	8.2	200
27	Femtosecond laser 3D micromachining: a powerful tool for the fabrication of microfluidic, optofluidic, and electrofluidic devices based on glass. <i>Lab on A Chip</i> , 2014, 14, 3447-3458.	6.0	190
28	Molecular mechanisms for photosynthetic carbon partitioning into storage neutral lipids in <i>Nannochloropsis oceanica</i> under nitrogen-depletion conditions. <i>Algal Research</i> , 2015, 7, 66-77.	4.6	188
29	A novel Z-scheme AgBr/P-g-C ₃ N ₄ heterojunction photocatalyst: Excellent photocatalytic performance and photocatalytic mechanism for ephedrine degradation. <i>Applied Catalysis B: Environmental</i> , 2020, 266, 118614.	20.2	183
30	Single cell Raman spectroscopy for cell sorting and imaging. <i>Current Opinion in Biotechnology</i> , 2012, 23, 56-63.	6.6	180
31	Impact of long-term reclaimed wastewater irrigation on agricultural soils: A preliminary assessment. <i>Journal of Hazardous Materials</i> , 2010, 183, 780-786.	12.4	174
32	A Rigid Nested Metal-Organic Framework Featuring a Thermoresponsive Gating Effect Dominated by Counterions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15027-15030.	13.8	166
33	Vibration isolation via a scissor-like structured platform. <i>Journal of Sound and Vibration</i> , 2014, 333, 2404-2420.	3.9	162
34	The allotetraploid origin and asymmetrical genome evolution of the common carp <i>Cyprinus carpio</i> . <i>Nature Communications</i> , 2019, 10, 4625.	12.8	156
35	Photocatalytic removal of tetrabromobisphenol A by magnetically separable flower-like BiOBr/BiOI/Fe ₃ O ₄ hybrid nanocomposites under visible-light irradiation. <i>Journal of Hazardous Materials</i> , 2017, 331, 1-12.	12.4	147
36	Assessing the photocatalytic transformation of norfloxacin by BiOBr/iron oxides hybrid photocatalyst: Kinetics, intermediates, and influencing factors. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 68-77.	20.2	145

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37	Effect of the selective pressure of sub-lethal level of heavy metals on the fate and distribution of ARGs in the catchment scale. <i>Environmental Pollution</i> , 2017, 220, 900-908.	7.5	144
38	Intellectual Capital, Financial Performance and Companies'™ Sustainable Growth: Evidence from the Korean Manufacturing Industry. <i>Sustainability</i> , 2018, 10, 4651.	3.2	140
39	Polycyclic aromatic hydrocarbons in the surface sediments from Yellow River, China. <i>Chemosphere</i> , 2007, 67, 1408-1414.	8.2	137
40	Simultaneous determination of pharmaceuticals, endocrine disrupting compounds and hormone in soils by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1202, 189-195.	3.7	136
41	A novel 3D hollow magnetic Fe ₃ O ₄ /BiOI heterojunction with enhanced photocatalytic performance for bisphenol A degradation. <i>Chemical Engineering Journal</i> , 2017, 307, 1055-1065.	12.7	135
42	H ₂ O ₂ and/or TiO ₂ photocatalysis under UV irradiation for the removal of antibiotic resistant bacteria and their antibiotic resistance genes. <i>Journal of Hazardous Materials</i> , 2017, 323, 710-718.	12.4	134
43	Biological ingredient analysis of traditional Chinese medicine preparation based on high-throughput sequencing: the story for Liuwei Dihuang Wan. <i>Scientific Reports</i> , 2014, 4, 5147.	3.3	132
44	Photocatalytic degradation of carbamazepine by tailored BiPO ₄ : efficiency, intermediates and pathway. <i>Applied Catalysis B: Environmental</i> , 2013, 130-131, 285-292.	20.2	129
45	Metabolic-Activity-Based Assessment of Antimicrobial Effects by D ₂ O-Labeled Single-Cell Raman Microspectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 4108-4115.	6.5	129
46	Hybrid femtosecond laser microfabrication to achieve true 3D glass/polymer composite biochips with multiscale features and high performance: the concept of ship-in-a-bottle biochip. <i>Laser and Photonics Reviews</i> , 2014, 8, 458-467.	8.7	126
47	Raman-Activated Cell Sorting Based on Dielectrophoretic Single-Cell Trap and Release. <i>Analytical Chemistry</i> , 2015, 87, 2282-2289.	6.5	126
48	Impact of DNA extraction method and targeted 16S-rRNA hypervariable region on oral microbiota profiling. <i>Scientific Reports</i> , 2018, 8, 16321.	3.3	126
49	Simultaneous saccharification and fermentation of steam exploded wheat straw pretreated with alkaline peroxide. <i>Process Biochemistry</i> , 2008, 43, 1462-1466.	3.7	124
50	Beneficial performance of a quasi-zero-stiffness vibration isolator with time-delayed active control. <i>International Journal of Mechanical Sciences</i> , 2014, 82, 32-40.	6.7	122
51	Microporous Luminescent Metal-Organic Framework for a Sensitive and Selective Fluorescence Sensing of Toxic Mycotoxin in Moldy Sugarcane. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5618-5625.	8.0	121
52	Changes in the thermocline structure of the Indonesian outflow during Terminations I and II. <i>Earth and Planetary Science Letters</i> , 2008, 273, 152-162.	4.4	120
53	Predictive modeling of gingivitis severity and susceptibility via oral microbiota. <i>ISME Journal</i> , 2014, 8, 1768-1780.	9.8	118
54	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.	7.3	114

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55	Bioaccumulation and trophic transfer of perfluorinated compounds in a eutrophic freshwater food web. <i>Environmental Pollution</i> , 2014, 184, 254-261.	7.5	113
56	Raman-Activated Droplet Sorting (RADS) for Label-Free High-Throughput Screening of Microalgal Single-Cells. <i>Analytical Chemistry</i> , 2017, 89, 12569-12577.	6.5	113
57	Long Low-Loss-Litium Niobate on Insulator Waveguides with Sub-Nanometer Surface Roughness. <i>Nanomaterials</i> , 2018, 8, 910.	4.1	113
58	Genomic Foundation of Starch-to-Lipid Switch in Oleaginous <i>Chlorella</i> spp.. <i>Plant Physiology</i> , 2015, 169, 2444-2461.	4.8	111
59	Producing Designer Oils in Industrial Microalgae by Rational Modulation of Co-evolving Type-2 Diacylglycerol Acyltransferases. <i>Molecular Plant</i> , 2017, 10, 1523-1539.	8.3	111
60	Airborne Fine Particulate Matter Induces Oxidative Stress and Inflammation in Human Nasal Epithelial Cells. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 239, 117-125.	1.2	110
61	The impact of intellectual capital on SMEs' performance in China. <i>Journal of Intellectual Capital</i> , 2019, 20, 488-509.	5.4	110
62	In-channel integration of designable microoptical devices using flat scaffold-supported femtosecond-laser microfabrication for coupling-free optofluidic cell counting. <i>Light: Science and Applications</i> , 2015, 4, e228-e228.	16.6	107
63	A Niccolite Structural Multiferroic Metal-Organic Framework Possessing Four Different Types of Bistability in Response to Dielectric and Magnetic Modulation. <i>Advanced Materials</i> , 2017, 29, 1606966.	21.0	107
64	Probing the severe haze pollution in three typical regions of China: Characteristics, sources and regional impacts. <i>Atmospheric Environment</i> , 2015, 120, 76-88.	4.1	106
65	Effects of delayed feedback control on nonlinear vibration absorber system. <i>Journal of Sound and Vibration</i> , 2007, 308, 212-230.	3.9	105
66	Raman Activated Cell Ejection for Isolation of Single Cells. <i>Analytical Chemistry</i> , 2013, 85, 10697-10701.	6.5	105
67	Preliminary characterization of the oral microbiota of Chinese adults with and without gingivitis. <i>BMC Oral Health</i> , 2011, 11, 33.	2.3	104
68	Photodegradation of rhodamine B and methyl orange over one-dimensional TiO ₂ catalysts under simulated solar irradiation. <i>Applied Surface Science</i> , 2011, 257, 3798-3803.	6.1	104
69	In-situ fabrication of Ag/P-g-C ₃ N ₄ composites with enhanced photocatalytic activity for sulfamethoxazole degradation. <i>Journal of Hazardous Materials</i> , 2019, 366, 219-228.	12.4	104
70	Heavy Metals in the Surface Sediments in Lanzhou Reach of Yellow River, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 26-30.	2.7	103
71	Electrofluidics fabricated by space-selective metallization in glass microfluidic structures using femtosecond laser direct writing. <i>Lab on A Chip</i> , 2013, 13, 4608.	6.0	103
72	An integrated functional genomics and metabolomics approach for defining poor prognosis in human neuroendocrine cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9901-9906.	7.1	102

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73	Antagonistic roles of abscisic acid and cytokinin during response to nitrogen depletion in oleaginous microalga <i>Nannochloropsis oceanica</i> expand the evolutionary breadth of phytohormone function. <i>Plant Journal</i> , 2014, 80, 52-68.	5.7	101
74	Toward Rechargeable Persistent Luminescence for the First and Third Biological Windows via Persistent Energy Transfer and Electron Trap Redistribution. <i>Inorganic Chemistry</i> , 2018, 57, 5194-5203.	4.0	100
75	Enhancing photosynthetic biomass productivity of industrial oleaginous microalgae by overexpression of RuBisCO activase. <i>Algal Research</i> , 2017, 27, 366-375.	4.6	99
76	Outer synchronization of coupled discrete-time networks. <i>Chaos</i> , 2009, 19, 013106.	2.5	98
77	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.	3.5	98
78	Metagenomic Insights into the Fibrolytic Microbiome in Yak Rumen. <i>PLoS ONE</i> , 2012, 7, e40430.	2.5	98
79	Thermal regime of a thermokarst lake and its influence on permafrost, Beiluhe Basin, Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , 2010, 21, 315-324.	3.4	96
80	Parallel-META 3: Comprehensive taxonomical and functional analysis platform for efficient comparison of microbial communities. <i>Scientific Reports</i> , 2017, 7, 40371.	3.3	96
81	Removal of benzotriazole from solution by BiOBr photocatalysis under simulated solar irradiation. <i>Chemical Engineering Journal</i> , 2013, 221, 230-237.	12.7	95
82	Fabrication of Ce ³⁺ /Cr ³⁺ co-doped yttrium aluminium gallium garnet transparent ceramic phosphors with super long persistent luminescence. <i>Scripta Materialia</i> , 2015, 102, 47-50.	5.2	95
83	Facile synthesis and photocatalytic application of hierarchical mesoporous Bi ₂ MoO ₆ nanosheet-based microspheres. <i>CrystEngComm</i> , 2012, 14, 3602.	2.6	94
84	Building a PubMed knowledge graph. <i>Scientific Data</i> , 2020, 7, 205.	5.3	94
85	Vertical sidewall electrodes monolithically integrated into 3D glass microfluidic chips using water-assisted femtosecond-laser fabrication for in situ control of electrotaxis. <i>RSC Advances</i> , 2015, 5, 24072-24080.	3.6	93
86	Occurrence, distribution and bioaccumulation of antibiotics in the Liao River Basin in China. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 586.	3.5	90
87	Tailoring Trap Depth and Emission Wavelength in Y ₃ Al ₅ Ga _x O ₁₂ :Ce ³⁺ ,V ³⁺ Phosphor-in-Glass Films for Optical Information Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27150-27159.	3.9	99
88	Electro-optic integration of embedded electrodes and waveguides in LiNbO ₃ using a femtosecond laser. <i>Optics Letters</i> , 2008, 33, 2281.	3.3	88
89	Fates and transport of PPCPs in soil receiving reclaimed water irrigation. <i>Chemosphere</i> , 2013, 93, 2621-2630.	8.2	88
90	Cow-to-mouse fecal transplantations suggest intestinal microbiome as one cause of mastitis. <i>Microbiome</i> , 2018, 6, 200.	11.1	88

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91	Message from a human gut symbiont: sensitivity is a prerequisite for sharing. <i>Trends in Microbiology</i> , 2004, 12, 21-28.	7.7	87
92	Near-infrared multi-wavelengths long persistent luminescence of Nd ³⁺ ion through persistent energy transfer in Ce ³⁺ , Cr ³⁺ co-doped Y ₃ Al ₂ Ga ₃ O ₁₂ for the first and second bio-imaging windows. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	87
93	Label-free, rapid and quantitative phenotyping of stress response in <i>E. coli</i> via ramanome. <i>Scientific Reports</i> , 2016, 6, 34359.	3.3	87
94	Near-infrared long persistent luminescence of Er ³⁺ in garnet for the third bio-imaging window. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11096-11103.	5.5	87
95	Photodegradation of sulfamethazine in an aqueous solution by a bismuth molybdate photocatalyst. <i>Catalysis Science and Technology</i> , 2013, 3, 1603.	4.1	85
96	Strength behaviors and meso-structural characters of loess after freeze-thaw. <i>Cold Regions Science and Technology</i> , 2018, 148, 104-120.	3.5	84
97	An Efficient Method for Studying Weak Resonant Double Hopf Bifurcation in Nonlinear Systems with Delayed Feedbacks. <i>SIAM Journal on Applied Dynamical Systems</i> , 2007, 6, 29-60.	1.6	81
98	Projective synchronization of different chaotic time-delayed neural networks based on integral sliding mode controller. <i>Applied Mathematics and Computation</i> , 2010, 217, 164-174.	2.2	81
99	Regulation of the cholesterol biosynthetic pathway and its integration with fatty acid biosynthesis in the oleaginous microalga <i>Nannochloropsis oceanica</i> . <i>Biotechnology for Biofuels</i> , 2014, 7, 81.	6.2	81
100	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.	3.5	81
101	Degradation of sulfonamides antibiotics in lake water and sediment. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2372-2380.	5.3	79
102	Nasal epithelial barrier disruption by particulate matter $\text{PM}_{2.5}$ $\leq 2.5 \mu\text{m}$ via tight junction protein degradation. <i>Journal of Applied Toxicology</i> , 2018, 38, 678-687.	2.8	78
103	Investigation of an LuAG:Ce translucent ceramic synthesized via spark plasma sintering: Towards a facile synthetic route, robust thermal performance, and high-power solid state laser lighting. <i>Journal of the European Ceramic Society</i> , 2018, 38, 343-347.	5.7	78
104	Single-atom Co embedded in BCN matrix to achieve 100% conversion of peroxymonosulfate into singlet oxygen. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120759.	20.2	78
105	Determination and partitioning behavior of perfluoroalkyl carboxylic acids and perfluorooctanesulfonate in water and sediment from Dianchi Lake, China. <i>Chemosphere</i> , 2012, 88, 1292-1299.	8.2	77
106	PM _{2.5} -Induced Oxidative Stress and Mitochondrial Damage in the Nasal Mucosa of Rats. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 134.	2.6	76
107	Direct fabrication of homogeneous microfluidic channels embedded in fused silica using a femtosecond laser. <i>Optics Letters</i> , 2010, 35, 282.	3.3	75
108	Magnetic nanoparticle-mediated isolation of functional bacteria in a complex microbial community. <i>ISME Journal</i> , 2015, 9, 603-614.	9.8	75

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109	Genome-wide identification of transcription factors and transcription-factor binding sites in oleaginous microalgae <i>Nannochloropsis</i> . <i>Scientific Reports</i> , 2014, 4, 5454.	3.3	75
110	RNAi-based targeted gene knockdown in the model oleaginous microalgae <i>Nannochloropsis oceanica</i> . <i>Plant Journal</i> , 2017, 89, 1236-1250.	5.7	74
111	Biosynthesis of Triacylglycerol Molecules with a Tailored PUFA Profile in Industrial Microalgae. <i>Molecular Plant</i> , 2019, 12, 474-488.	8.3	73
112	The Impact of Intellectual Capital on Firm Performance: A Modified and Extended VAIC Model. <i>Journal of Competitiveness</i> , 2020, 12, 161-176.	3.0	73
113	Reverse and Multiple Stable Isotope Probing to Study Bacterial Metabolism and Interactions at the Single Cell Level. <i>Analytical Chemistry</i> , 2016, 88, 9443-9450.	6.5	72
114	Two microporous Fe-based MOFs with multiple active sites for selective gas adsorption. <i>Chemical Communications</i> , 2017, 53, 2394-2397.	4.1	72
115	Seasonal and spatial distribution of nonylphenol in Lanzhou Reach of Yellow River in China. <i>Chemosphere</i> , 2006, 65, 1445-1451.	8.2	71
116	Optimization of microwave pretreatment on wheat straw for ethanol production. <i>Biomass and Bioenergy</i> , 2011, 35, 3859-3864.	5.7	71
117	Investigation of laser-induced luminescence saturation in a single-crystal YAG:Ce phosphor: Towards unique architecture, high saturation threshold, and high-brightness laser-driven white lighting. <i>Journal of Luminescence</i> , 2019, 212, 279-285.	3.1	71
118	Pretreatment on <i>Miscanthus lutarioriparius</i> by liquid hot water for efficient ethanol production. <i>Biotechnology for Biofuels</i> , 2013, 6, 76.	6.2	70
119	Toward tunable and bright deep red persistent luminescence of Cr ³⁺ in garnets. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4033-4044.	3.8	70
120	Parallel-META 2.0: Enhanced Metagenomic Data Analysis with Functional Annotation, High Performance Computing and Advanced Visualization. <i>PLoS ONE</i> , 2014, 9, e89323.	2.5	70
121	Shear strength and damage mechanism of saline intact loess after freeze-thaw cycling. <i>Cold Regions Science and Technology</i> , 2019, 164, 102779.	3.5	69
122	QC-Chain: Fast and Holistic Quality Control Method for Next-Generation Sequencing Data. <i>PLoS ONE</i> , 2013, 8, e60234.	2.5	68
123	A multi-directional vibration isolator based on Quasi-Zero-Stiffness structure and time-delayed active control. <i>International Journal of Mechanical Sciences</i> , 2015, 100, 126-135.	6.7	68
124	Investigation and Application of a New Passive Sampling Technique for in Situ Monitoring of Illicit Drugs in Waste Waters and Rivers. <i>Environmental Science & Technology</i> , 2017, 51, 9101-9108.	10.0	68
125	Selective metallization on insulator surfaces with femtosecond laser pulses. <i>Optics Express</i> , 2007, 15, 12743.	3.4	67
126	Leachability of some emerging contaminants in reclaimed municipal wastewater-irrigated turf grass fields. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1842-1850.	4.3	67

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127	DEM simulation of particle size segregation behavior during charging into and discharging from a Paul-Wurth type hopper. <i>Chemical Engineering Science</i> , 2013, 99, 314-323.	3.8	67
128	Quantitative dynamics of triacylglycerol accumulation in microalgae populations at single-cell resolution revealed by Raman microspectroscopy. <i>Biotechnology for Biofuels</i> , 2014, 7, 58.	6.2	67
129	Towards high-throughput microfluidic Raman-activated cell sorting. <i>Analyst, The</i> , 2015, 140, 6163-6174.	3.5	67
130	Recent massive incidents for subway construction in soft alluvial deposits of Taiwan: A review. <i>Tunnelling and Underground Space Technology</i> , 2020, 96, 103178.	6.2	67
131	Effect of structures and sunny/shady slopes on thermal characteristics of subgrade along the Harbin-Dalian Passenger Dedicated Line in Northeast China. <i>Cold Regions Science and Technology</i> , 2016, 123, 14-21.	3.5	66
132	Photodegradation of sulfapyridine under simulated sunlight irradiation: Kinetics, mechanism and toxicity evolution. <i>Chemosphere</i> , 2014, 99, 186-191.	8.2	65
133	Cr ³⁺ /Er ³⁺ co-doped LaAlO ₃ perovskite phosphor: a near-infrared persistent luminescence probe covering the first and third biological windows. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6385-6393.	5.8	65
134	Sediment-porewater partition of polycyclic aromatic hydrocarbons (PAHs) from Lanzhou Reach of Yellow River, China. <i>Journal of Hazardous Materials</i> , 2009, 165, 494-500.	12.4	64
135	Ship-in-a-bottle femtosecond laser integration of optofluidic microlens arrays with center-pass units enabling coupling-free parallel cell counting with a 100% success rate. <i>Lab on A Chip</i> , 2015, 15, 1515-1523.	6.0	64
136	Y ₃ Al ₅ Ga ₁₂ O ₁₂ :Cr ³⁺ ; A novel red persistent phosphor with high brightness. <i>Applied Physics Express</i> , 2015, 8, 042602.	2.4	64
137	Centimeter-Height 3D Printing with Femtosecond Laser Two-Photon Polymerization. <i>Advanced Materials Technologies</i> , 2018, 3, 1700396.	5.8	64
138	Photostimulation induced persistent luminescence in Y ₃ Al ₂ Ga ₃ O ₁₂ :Cr ³⁺ . <i>Optical Materials Express</i> , 2016, 6, 1405.	3.0	63
139	The Impact of Government Subsidies on Private R&D and Firm Performance: Does Ownership Matter in China's Manufacturing Industry?. <i>Sustainability</i> , 2018, 10, 2205.	3.2	63
140	First principle study on the electronic structure of fluorine-doped SnO ₂ . <i>Solid State Communications</i> , 2009, 149, 527-531.	1.9	62
141	Microwave-assisted conversion of microcrystalline cellulose to 5-hydroxymethylfurfural catalyzed by ionic liquids. <i>Bioresource Technology</i> , 2014, 162, 358-364.	9.6	62
142	Raman-activated cell sorting and metagenomic sequencing revealing carbon-fixing bacteria in the ocean. <i>Environmental Microbiology</i> , 2018, 20, 2241-2255.	3.8	62
143	Influence of freeze-thaw cycles on microstructure and hydraulic conductivity of saline intact loess. <i>Cold Regions Science and Technology</i> , 2021, 181, 103183.	3.5	62
144	Historical trends of concentrations, source contributions and toxicities for PAHs in dated sediment cores from five lakes in western China. <i>Science of the Total Environment</i> , 2014, 470-471, 519-526.	8.0	61

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