

Jian Zhao

List of Publications by Year in descending order

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273
papers

14,660
citations

23567

58
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23533

111
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275
all docs

275
docs citations

275
times ranked

16484
citing authors

#	ARTICLE	IF	CITATIONS
1	Xylem- and Phloem-Based Transport of CuO Nanoparticles in Maize (<i>Zea mays</i> L.). <i>Environmental Science & Technology</i> , 2012, 46, 4434-4441.	10.0	601
2	Graphene in the Aquatic Environment: Adsorption, Dispersion, Toxicity and Transformation. <i>Environmental Science & Technology</i> , 2014, 48, 9995-10009.	10.0	573
3	Environmental source, fate, and toxicity of microplastics. <i>Journal of Hazardous Materials</i> , 2021, 407, 124357.	12.4	414
4	Direct Conversion of Normal and Alzheimer's Disease Human Fibroblasts into Neuronal Cells by Small Molecules. <i>Cell Stem Cell</i> , 2015, 17, 204-212.	11.1	412
5	mTOR-dependent activation of the transcription factor TIF-IA links rRNA synthesis to nutrient availability. <i>Genes and Development</i> , 2004, 18, 423-434.	5.9	403
6	Nuclear actin and myosin I are required for RNA polymerase I transcription. <i>Nature Cell Biology</i> , 2004, 6, 1165-1172.	10.3	362
7	Sorption of antibiotic sulfamethoxazole varies with biochars produced at different temperatures. <i>Environmental Pollution</i> , 2013, 181, 60-67.	7.5	334
8	Toxicity and Internalization of CuO Nanoparticles to Prokaryotic Alga <i>Microcystis aeruginosa</i> as Affected by Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2011, 45, 6032-6040.	10.0	323
9	Characteristics and nutrient values of biochars produced from giant reed at different temperatures. <i>Bioresource Technology</i> , 2013, 130, 463-471.	9.6	301
10	Primary and secondary aerosols in Beijing in winter: sources, variations and processes. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8309-8329.	4.9	288
11	CuO Nanoparticle Interaction with Human Epithelial Cells: Cellular Uptake, Location, Export, and Genotoxicity. <i>Chemical Research in Toxicology</i> , 2012, 25, 1512-1521.	3.3	269
12	Effects of Solution Chemistry on Adsorption of Selected Pharmaceuticals and Personal Care Products (PPCPs) by Graphenes and Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2014, 48, 13197-13206.	10.0	246
13	ERK-Dependent Phosphorylation of the Transcription Initiation Factor TIF-IA Is Required for RNA Polymerase I Transcription and Cell Growth. <i>Molecular Cell</i> , 2003, 11, 405-413.	9.7	238
14	Deficiency of a β^2 -arrestin-2 signal complex contributes to insulin resistance. <i>Nature</i> , 2009, 457, 1146-1149.	27.8	214
15	Generation of neural progenitor cells by chemical cocktails and hypoxia. <i>Cell Research</i> , 2014, 24, 665-679.	12.0	214
16	Identification and Avoidance of Potential Artifacts and Misinterpretations in Nanomaterial Ecotoxicity Measurements. <i>Environmental Science & Technology</i> , 2014, 48, 4226-4246.	10.0	209
17	Environmental processes and toxicity of metallic nanoparticles in aquatic systems as affected by natural organic matter. <i>Environmental Science: Nano</i> , 2016, 3, 240-255.	4.3	208
18	Mechanistic understanding toward the toxicity of graphene-family materials to freshwater algae. <i>Water Research</i> , 2017, 111, 18-27.	11.3	203

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19	β -Arrestin Differentially Regulates the Chemokine Receptor CXCR4-mediated Signaling and Receptor Internalization, and This Implicates Multiple Interaction Sites between β -Arrestin and CXCR4. <i>Journal of Biological Chemistry</i> , 2000, 275, 2479-2485.	3.4	189
20	Rapamycin and other longevity-promoting compounds enhance the generation of mouse induced pluripotent stem cells. <i>Aging Cell</i> , 2011, 10, 908-911.	6.7	188
21	Photodegradation Elevated the Toxicity of Polystyrene Microplastics to Grouper (<i>Epinephelus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 2020, 54, 6202-6212.	10.0	187
22	Heteroaggregation of Graphene Oxide with Minerals in Aqueous Phase. <i>Environmental Science & Technology</i> , 2015, 49, 2849-2857.	10.0	182
23	Effects of Aqueous-Phase and Photochemical Processing on Secondary Organic Aerosol Formation and Evolution in Beijing, China. <i>Environmental Science & Technology</i> , 2017, 51, 762-770.	10.0	179
24	Formation and Physicochemical Characteristics of Nano Biochar: Insight into Chemical and Colloidal Stability. <i>Environmental Science & Technology</i> , 2018, 52, 10369-10379.	10.0	178
25	Nuclear myosin I acts in concert with polymeric actin to drive RNA polymerase I transcription. <i>Genes and Development</i> , 2008, 22, 322-330.	5.9	172
26	Interaction of Microplastics with Antibiotics in Aquatic Environment: Distribution, Adsorption, and Toxicity. <i>Environmental Science & Technology</i> , 2021, 55, 15579-15595.	10.0	169
27	Fast sulfate formation from oxidation of SO ₂ by NO ₂ and HONO observed in Beijing haze. <i>Nature Communications</i> , 2020, 11, 2844.	12.8	161
28	CuO Nanoparticle Interaction with <i>Arabidopsis thaliana</i> : Toxicity, Parent-Progeny Transfer, and Gene Expression. <i>Environmental Science & Technology</i> , 2016, 50, 6008-6016.	10.0	160
29	Changes in Aerosol Chemistry From 2014 to 2016 in Winter in Beijing: Insights From High-Resolution Aerosol Mass Spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 1132-1147.	3.3	155
30	Mitigation of CuO nanoparticle-induced bacterial membrane damage by dissolved organic matter. <i>Water Research</i> , 2013, 47, 4169-4178.	11.3	152
31	Distribution of CuO nanoparticles in juvenile carp (<i>Cyprinus carpio</i>) and their potential toxicity. <i>Journal of Hazardous Materials</i> , 2011, 197, 304-310.	12.4	151
32	Enhanced Adsorption of <i>p</i> -Arsanilic Acid from Water by Amine-Modified UiO-67 as Examined Using Extended X-ray Absorption Fine Structure, X-ray Photoelectron Spectroscopy, and Density Functional Theory Calculations. <i>Environmental Science & Technology</i> , 2018, 52, 3466-3475.	10.0	148
33	Adsorption and Desorption of Phenanthrene on Carbon Nanotubes in Simulated Gastrointestinal Fluids. <i>Environmental Science & Technology</i> , 2011, 45, 6018-6024.	10.0	125
34	Interactions of CuO nanoparticles with the algae <i>Chlorella pyrenoidosa</i> : adhesion, uptake, and toxicity. <i>Nanotoxicology</i> , 2016, 10, 1297-1305.	3.0	120
35	Microplastics Reduce Lipid Digestion in Simulated Human Gastrointestinal System. <i>Environmental Science & Technology</i> , 2020, 54, 12285-12294.	10.0	115
36	Adsorption of sulfonamides on reduced graphene oxides as affected by pH and dissolved organic matter. <i>Environmental Pollution</i> , 2016, 210, 85-93.	7.5	109

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37	Progress on polymeric hollow fiber membrane preparation technique from the perspective of green and sustainable development. <i>Chemical Engineering Journal</i> , 2021, 403, 126295.	12.7	108
38	Remediation of petroleum contaminated soils through composting and rhizosphere degradation. <i>Journal of Hazardous Materials</i> , 2011, 190, 677-685.	12.4	105
39	Preparation of high-flux PSF/GO loose nanofiltration hollow fiber membranes with dense-loose structure for treating textile wastewater. <i>Chemical Engineering Journal</i> , 2019, 363, 33-42.	12.7	102
40	Adsorption of Phenanthrene on Multilayer Graphene as Affected by Surfactant and Exfoliation. <i>Environmental Science & Technology</i> , 2014, 48, 331-339.	10.0	101
41	Multiple interactions between RNA polymerase I, TIF414 and TAF I subunits regulate preinitiation complex assembly at the ribosomal gene promoter. <i>EMBO Reports</i> , 2002, 3, 1082-1087.	4.5	96
42	Oxidative stress-induced toxicity of CuO nanoparticles and related toxicogenomic responses in <i>Arabidopsis thaliana</i> . <i>Environmental Pollution</i> , 2016, 212, 605-614.	7.5	95
43	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. <i>Molecular Cell</i> , 2020, 80, 1104-1122.e9.	9.7	94
44	Insights into aerosol chemistry during the 2015 China Victory Day parade: results from simultaneous measurements at ground level and 260 m in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3215-3232.	4.9	90
45	Engineered nanomaterials in the environment: Are they safe?. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1443-1478.	12.8	88
46	A herbal medicine for Alzheimer's disease and its active constituents promote neural progenitor proliferation. <i>Aging Cell</i> , 2015, 14, 784-796.	6.7	85
47	Characterization of black carbon-containing fine particles in Beijing during wintertime. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 447-458.	4.9	84
48	Interaction of tau with HNRNPA2B1 and N6-methyladenosine RNA mediates the progression of tauopathy. <i>Molecular Cell</i> , 2021, 81, 4209-4227.e12.	9.7	84
49	Nmnat2 delays axon degeneration in superior cervical ganglia dependent on its NAD synthesis activity. <i>Neurochemistry International</i> , 2010, 56, 101-106.	3.8	82
50	Uptake, Distribution, and Transformation of CuO NPs in a Floating Plant <i>Eichhornia crassipes</i> and Related Stomatal Responses. <i>Environmental Science & Technology</i> , 2017, 51, 7686-7695.	10.0	82
51	Anti-HIV Agent Trichosanthin Enhances the Capabilities of Chemokines to Stimulate Chemotaxis and G Protein Activation, and This Is Mediated through Interaction of Trichosanthin and Chemokine Receptors. <i>Journal of Experimental Medicine</i> , 1999, 190, 101-112.	8.5	81
52	A GPCR/secretase complex regulates β - and γ -secretase specificity for $A\beta$ production and contributes to AD pathogenesis. <i>Cell Research</i> , 2010, 20, 138-153.	12.0	81
53	Direct conversion of astrocytes into neuronal cells by drug cocktail. <i>Cell Research</i> , 2015, 25, 1269-1272.	12.0	81
54	3D-Aided Dual-Agent GANs for Unconstrained Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019, 41, 2380-2394.	13.9	80

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55	Aqueous production of secondary organic aerosol from fossil-fuel emissions in winter Beijing haze. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	75
56	Response of aerosol chemistry to clean air action in Beijing, China: Insights from two-year ACSM measurements and model simulations. Environmental Pollution, 2019, 255, 113345.	7.5	74
57	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 165-179.	4.9	73
58	Effect of co-existing kaolinite and goethite on the aggregation of graphene oxide in the aquatic environment. Water Research, 2016, 102, 313-320.	11.3	72
59	Biodegradation of Crude Oil in Contaminated Soils by Free and Immobilized Microorganisms. Pedosphere, 2012, 22, 717-725.	4.0	70
60	Î²-Arrestin1 regulates Î³-secretase complex assembly and modulates amyloid-Î² pathology. Cell Research, 2013, 23, 351-365.	12.0	61
61	Adsorption of Bovine Serum Albumin and Lysozyme on Functionalized Carbon Nanotubes. Journal of Physical Chemistry C, 2014, 118, 22249-22257.	3.1	59
62	Trophic transfer and accumulation of TiO2 nanoparticles from clamworm (Perinereis aibuhitensis) to juvenile turbot (Scophthalmus maximus) along a marine benthic food chain. Water Research, 2016, 95, 250-259.	11.3	59
63	3D Face Reconstruction From A Single Image Assisted by 2D Face Images in the Wild. IEEE Transactions on Multimedia, 2021, 23, 1160-1172.	7.2	58
64	Chemokine receptor CCR5 functionally couples to inhibitory G proteins and undergoes desensitization. , 1998, 71, 36-45.		57
65	Promotion of regulatory T cell induction by immunomodulatory herbal medicine licorice and its two constituents. Scientific Reports, 2015, 5, 14046.	3.3	57
66	Production of N<sub>2</sub>O<sub>5</sub> and ClNO<sub>2</sub> in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597.	4.9	57
67	Pulmonary Surfactant Suppressed Phenanthrene Adsorption on Carbon Nanotubes through Solubilization and Competition As Examined by Passive Dosing Technique. Environmental Science & Technology, 2012, 46, 5369-5377.	10.0	56
68	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10248-10263.	3.3	56
69	Enhanced hydrophobicity and volatility of submicron aerosols under severe emission control conditions in Beijing. Atmospheric Chemistry and Physics, 2017, 17, 5239-5251.	4.9	55
70	Multi-objective optimization design of injection molding process parameters based on the improved efficient global optimization algorithm and non-dominated sorting-based genetic algorithm. International Journal of Advanced Manufacturing Technology, 2015, 78, 1813-1826.	3.0	52
71	Simultaneous measurements of particle number size distributions at ground level and 260â€m on a meteorological tower in urban Beijing, China. Atmospheric Chemistry and Physics, 2017, 17, 6797-6811.	4.9	52
72	One-step facile fabrication of PVDF/graphene composite nanofibrous membrane with enhanced oil affinity for highly efficient gravity-driven emulsified oil/water separation and selective oil absorption. Separation and Purification Technology, 2021, 254, 117576.	7.9	50

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73	Rhizodegradation of petroleum hydrocarbons by <i>Sesbania cannabina</i> in bioaugmented soil with free and immobilized consortium. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 262-269.	12.4	49
74	Structure design and performance study on braid-reinforced cellulose acetate hollow fiber membranes. <i>Journal of Membrane Science</i> , 2015, 486, 248-256.	8.2	49
75	Light absorption enhancement of black carbon in urban Beijing in summer. <i>Atmospheric Environment</i> , 2019, 213, 499-504.	4.1	49
76	IRESbase: A Comprehensive Database of Experimentally Validated Internal Ribosome Entry Sites. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 129-139.	6.9	48
77	Toxicity of GO to Freshwater Algae in the Presence of Al ₂ O ₃ Particles with Different Morphologies: Importance of Heteroaggregation. <i>Environmental Science & Technology</i> , 2018, 52, 13448-13456.	10.0	47
78	Review of no-core optical fiber sensor and applications. <i>Sensors and Actuators A: Physical</i> , 2020, 313, 112160.	4.1	47
79	Evaluation of polypropylene and poly (butylmethacrylate-co-hydroxyethylmethacrylate) nonwoven material as oil absorbent. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4137-4145.	5.3	46
80	Dynamic Conditional Networks for Few-Shot Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 20-36.	1.3	46
81	Copper Oxide Nanoparticle-Embedded Hydrogels Enhance Nutrient Supply and Growth of Lettuce (<i>Lactuca sativa</i>) Infected with <i>Fusarium oxysporum</i> f. sp. <i>lactucae</i> . <i>Environmental Science & Technology</i> , 2021, 55, 13432-13442.	10.0	46
82	Phenanthrene binding by humic acid-protein complexes as studied by passive dosing technique. <i>Environmental Pollution</i> , 2014, 184, 145-153.	7.5	45
83	Summertime aerosol volatility measurements in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10205-10216.	4.9	45
84	Femtosecond laser-inscribed fiber-optic sensor for seawater salinity and temperature measurements. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131134.	7.8	44
85	Endogenous opioid receptor-like receptor in human neuroblastoma SK-N-SH cells. <i>NeuroReport</i> , 1997, 8, 1913-1918.	1.2	42
86	Seasonal Characterization of Organic Nitrogen in Atmospheric Aerosols Using High Resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 673-682.	2.7	42
87	Accumulation of metal-based nanoparticles in marine bivalve mollusks from offshore aquaculture as detected by single particle ICP-MS. <i>Environmental Pollution</i> , 2020, 260, 114043.	7.5	40
88	Smart Soup, a Traditional Chinese Medicine Formula, Ameliorates Amyloid Pathology and Related Cognitive Deficits. <i>PLoS ONE</i> , 2014, 9, e111215.	2.5	39
89	Interaction of CuO nanoparticles with plant cells: internalization, oxidative stress, electron transport chain disruption, and toxicogenomic responses. <i>Environmental Science: Nano</i> , 2018, 5, 2269-2281.	4.3	39
90	High-Speed Chemical Imaging by Dense-Net Learning of Femtosecond Stimulated Raman Scattering. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8573-8578.	4.6	38

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91	Fine-Grained Facial Expression Recognition in the Wild. IEEE Transactions on Information Forensics and Security, 2021, 16, 482-494.	6.9	38
92	Activation of Aryl Hydrocarbon Receptor (AhR) by Tranilast, an Anti-allergy Drug, Promotes miR-302 Expression and Cell Reprogramming. Journal of Biological Chemistry, 2013, 288, 22972-22984.	3.4	37
93	Characterization of submicron aerosols at a suburban site in central China. Atmospheric Environment, 2016, 131, 115-123.	4.1	37
94	Photo-transformation of graphene oxide in the presence of co-existing metal ions regulated its toxicity to freshwater algae. Water Research, 2020, 176, 115735.	11.3	37
95	Microwave Digestionâ€”Vacuum Filtration-Automated Scanning Electron Microscopy as a sensitive method for forensic diatom test. International Journal of Legal Medicine, 2013, 127, 459-463.	2.2	36
96	Response of aerosol composition to different emission scenarios in Beijing, China. Science of the Total Environment, 2016, 571, 902-908.	8.0	35
97	PPy-assisted fabrication of Ag/TiO ₂ visible-light photocatalyst and its immobilization on PAN fiber. Materials and Design, 2016, 104, 428-435.	7.0	34
98	Detection of phthalate esters in seawater by stir bar sorptive extraction and gas chromatographyâ€”mass spectrometry. Marine Pollution Bulletin, 2016, 108, 163-170.	5.0	33
99	Role of Nanoscale Hydroxyapatite in Disease Suppression of <i>Fusarium</i> -Infected Tomato. Environmental Science & Technology, 2021, 55, 13465-13476.	10.0	33
100	Preparation and Performance of PET-Braid-Reinforced Poly(vinylidene fluoride)/Graphene Hollow-Fiber Membranes. Industrial & Engineering Chemistry Research, 2016, 55, 2174-2182.	3.7	32
101	Maternal education and breastfeeding practices in China: A systematic review and meta-analysis. Midwifery, 2017, 50, 62-71.	2.3	32
102	Towards Age-Invariant Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 474-487.	13.9	32
103	Hybrid Fiber-Optic Sensor for Seawater Temperature and Salinity Simultaneous Measurements. Journal of Lightwave Technology, 2022, 40, 880-886.	4.6	32
104	Targeting the β -secretase interaction reduces β -amyloid generation and ameliorates Alzheimer's disease-related pathogenesis. Cell Discovery, 2015, 1, 15021.	6.7	31
105	The Diagnostic Value of Quantitative Assessment of Diatom Test for Drowning: An Analysis of 128 Water-related Death Cases using Microwave Digestionâ€”Vacuum Filtrationâ€”Automated Scanning Electron Microscopy. Journal of Forensic Sciences, 2017, 62, 1638-1642.	1.6	31
106	Deep Learning Imaging through Fully-Flexible Glass-Air Disordered Fiber. ACS Photonics, 2018, 5, 3930-3935.	6.6	31
107	PVDF fiber membrane with ordered porous structure via 3D printing near field electrospinning. Journal of Membrane Science, 2021, 618, 118709.	8.2	31
108	β -Arrestin-1 Protein Represses Diet-induced Obesity. Journal of Biological Chemistry, 2011, 286, 28396-28402.	3.4	30

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109	Inhibitory effects and oxidative target site of dibutyl phthalate on <i>Karenia brevis</i> . <i>Chemosphere</i> , 2015, 132, 32-39.	8.2	30
110	Aerosol optical properties measurements by a CAPS single scattering albedo monitor: Comparisons between summer and winter in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2513-2526.	3.3	30
111	Method to Further Improve Sensitivity for High-Order Vibration Mode Mass Sensors With Stepped Cantilevers. <i>IEEE Sensors Journal</i> , 2017, 17, 4405-4411.	4.7	30
112	Green preparation of polyvinylidene fluoride loose nanofiltration hollow fiber membranes with multilayer structure for treating textile wastewater. <i>Science of the Total Environment</i> , 2021, 754, 141848.	8.0	30
113	β -Arrestin-1 Protein Represses Adipogenesis and Inflammatory Responses through Its Interaction with Peroxisome Proliferator-activated Receptor- β (PPAR β). <i>Journal of Biological Chemistry</i> , 2011, 286, 28403-28413.	3.4	29
114	Optical Fiber Refractive Index Profiling by Iterative Optical Diffraction Tomography. <i>Journal of Lightwave Technology</i> , 2018, 36, 5754-5763.	4.6	29
115	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. <i>Science of the Total Environment</i> , 2019, 681, 226-234.	8.0	29
116	Modeling the impact of heterogeneous reactions of chlorine on summertime nitrate formation in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6737-6747.	4.9	29
117	Loss of β -arrestin1 and β -arrestin2 contributes to pulmonary hypoplasia and neonatal lethality in mice. <i>Developmental Biology</i> , 2010, 339, 407-417.	2.0	28
118	Image Transport Through Meter-Long Randomly Disordered Silica-Air Optical Fiber. <i>Scientific Reports</i> , 2018, 8, 3065.	3.3	28
119	Humic acid mitigated toxicity of graphene-family materials to algae through reducing oxidative stress and heteroaggregation. <i>Environmental Science: Nano</i> , 2019, 6, 1909-1920.	4.3	28
120	Vertical Characterization and Source Apportionment of Water-Soluble Organic Aerosol with High-resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 273-284.	2.7	28
121	Recognizing Profile Faces by Imagining Frontal View. <i>International Journal of Computer Vision</i> , 2020, 128, 460-478.	15.6	28
122	Review of femtosecond laser direct writing fiber-optic structures based on refractive index modification and their applications. <i>Optics and Laser Technology</i> , 2022, 146, 107473.	4.6	28
123	A quantitative comparison analysis of diatoms in the lung tissues and the drowning medium as an indicator of drowning. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 42, 75-78.	1.0	27
124	Characterization and source apportionment of organic aerosol at 260m on a meteorological tower in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3951-3968.	4.9	27
125	Joint Face Image Restoration and Frontalization for Recognition. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 1285-1298.	8.3	27
126	Traditional Chinese Nootropic Medicine Radix Polygalae and Its Active Constituent Onjisaponin B Reduce β -Amyloid Production and Improve Cognitive Impairments. <i>PLoS ONE</i> , 2016, 11, e0151147.	2.5	27

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127	Dispersant selection for nanomaterials: Insight into dispersing functionalized carbon nanotubes by small polar aromatic organic molecules. <i>Carbon</i> , 2015, 91, 494-505.	10.3	26
128	Enhanced degradation of norfloxacin by Ce-mediated Fe-MIL-101: catalytic mechanism, degradation pathways, and potential applications in wastewater treatment. <i>Environmental Science: Nano</i> , 2021, 8, 2347-2359.	4.3	26
129	An Anti-Parkinson's Disease Drug via Targeting Adenosine A2A Receptor Enhances Amyloid- β^2 Generation and β^3 -Secretase Activity. <i>PLoS ONE</i> , 2016, 11, e0166415.	2.5	26
130	Analysis of false-positive results of diatom test in the diagnosis of drowning "would not be an impediment. <i>International Journal of Legal Medicine</i> , 2019, 133, 1819-1824.	2.2	25
131	Trophic transfer of TiO_2 nanoparticles from marine microalga (<i>Nitzschia closterium</i>) to scallop (<i>Chlamys farreri</i>) and related toxicity. <i>Environmental Science: Nano</i> , 2017, 4, 415-424.	4.3	24
132	High sensitivity seawater temperature sensor based on no-core optical fiber. <i>Optical Fiber Technology</i> , 2020, 54, 102115.	2.7	24
133	Attenuation of nociceptin/orphanin FQ-induced signaling by N-methyl-D-aspartate in neuronal cells. <i>NeuroReport</i> , 1998, 9, 631-636.	1.2	23
134	High Abundance of Fluorescent Biological Aerosol Particles in Winter in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 493-502.	2.7	23
135	Yolk-porous shell nanospheres from silver-decorated titanium dioxide and silicon dioxide as an enhanced visible-light photocatalyst with guaranteed shielding for organic carrier. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 480-489.	9.4	23
136	A 3D study on the amplification of regional haze and particle growth by local emissions. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	23
137	On predicting the effective elastic properties of polymer nanocomposites by novel numerical implementation of asymptotic homogenization method. <i>Composite Structures</i> , 2016, 135, 297-305.	5.8	22
138	Preparation of an electrospun tubular PU/GE nanofiber membrane for high flux oil/water separation. <i>RSC Advances</i> , 2019, 9, 33722-33732.	3.6	22
139	Fine-Grained Multi-human Parsing. <i>International Journal of Computer Vision</i> , 2020, 128, 2185-2203.	15.6	22
140	Molecular characterization and functional expression of opioid receptor-like1 receptor. <i>Cell Research</i> , 1997, 7, 69-77.	12.0	21
141	Does Caesarean Section Affect Breastfeeding Practices in China? A Systematic Review and Meta-Analysis. <i>Maternal and Child Health Journal</i> , 2017, 21, 2008-2024.	1.5	21
142	Tau Oligomers and Fibrils Exhibit Differential Patterns of Seeding and Association With RNA Binding Proteins. <i>Frontiers in Neurology</i> , 2020, 11, 579434.	2.4	21
143	Contrasting mixing state of black carbon-containing particles in summer and winter in Beijing. <i>Environmental Pollution</i> , 2020, 263, 114455.	7.5	21
144	The Fate of p-Nitrophenol in Goethite-Rich and Sulfide-Containing Dynamic Anoxic/Oxic Environments. <i>Environmental Science & Technology</i> , 2020, 54, 9427-9436.	10.0	21

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145	In situ photo-thermal conversion nanofiber membrane consisting of hydrophilic PAN layer and hydrophobic PVDF-ATO layer for improving solar-thermal membrane distillation. <i>Journal of Membrane Science</i> , 2021, 635, 119500.	8.2	21
146	Loss of β -arrestin2 mediates pancreatic-islet dysfunction in mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 345-349.	2.1	20
147	Yolk-shell CdS@void@TiO ₂ composite particles with photocorrosion resistance for enhanced dye removal and hydrogen evolution. <i>Advanced Powder Technology</i> , 2019, 30, 1965-1975.	4.1	20
148	The effect of micromechanics models on mechanical property predictions for short fiber composites. <i>Composite Structures</i> , 2020, 244, 112229.	5.8	20
149	Deep-learning cell imaging through Anderson localizing optical fiber. <i>Advanced Photonics</i> , 2019, 1, 1.	11.8	20
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