

# Tao Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

215  
papers

6,920  
citations

61984

43  
h-index

91884

69  
g-index

218  
all docs

218  
docs citations

218  
times ranked

9123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Luminescence of Water-Soluble Monolayer-Protected Gold Clusters. <i>Journal of Physical Chemistry B</i> , 2001, 105, 12498-12502.	2.6	367
2	Near-IR Luminescence of Monolayer-Protected Metal Clusters. <i>Journal of the American Chemical Society</i> , 2005, 127, 812-813.	13.7	322
3	Quenching of [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> Fluorescence by Binding to Au Nanoparticles. <i>Langmuir</i> , 2002, 18, 7077-7081.	3.5	184
4	Phase-Separation-Induced PVDF/Graphene Coating on Fabrics toward Flexible Piezoelectric Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30732-30740.	8.0	138
5	Engineering highly effective antimicrobial selenium nanoparticles through control of particle size. <i>Nanoscale</i> , 2019, 11, 14937-14951.	5.6	138
6	Ammonia-oxidation as an engine to generate nitrous oxide in an intensively managed calcareous Fluvo-aquic soil. <i>Scientific Reports</i> , 2014, 4, 3950.	3.3	126
7	Covalent layer-by-layer films: chemistry, design, and multidisciplinary applications. <i>Chemical Society Reviews</i> , 2018, 47, 5061-5098.	38.1	122
8	Pt nanoparticles deposited over carbon nanotubes for selective hydrogenation of cinnamaldehyde. <i>Catalysis Communications</i> , 2007, 8, 452-456.	3.3	117
9	Immobilization of chromite ore processing residue with alkali-activated blast furnace slag-based geopolymer. <i>Ceramics International</i> , 2016, 42, 9538-9549.	4.8	111
10	Porous Fibers Composed of Polymer Nanoball Decorated Graphene for Wearable and Highly Sensitive Strain Sensors. <i>Advanced Functional Materials</i> , 2019, 29, 1903732.	14.9	111
11	Palmitine ameliorated murine colitis by suppressing tryptophan metabolism and regulating gut microbiota. <i>Pharmacological Research</i> , 2018, 137, 34-46.	7.1	110
12	Heterophase Ligand Exchange and Metal Transfer between Monolayer Protected Clusters. <i>Journal of the American Chemical Society</i> , 2003, 125, 11694-11701.	13.7	102
13	Boron nitride@graphene oxide hybrids for epoxy composites with enhanced thermal conductivity. <i>RSC Advances</i> , 2016, 6, 35847-35854.	3.6	101
14	A Clostridia-rich microbiota enhances bile acid excretion in diarrhea-predominant irritable bowel syndrome. <i>Journal of Clinical Investigation</i> , 2019, 130, 438-450.	8.2	101
15	A highly sensitive hybridized soft piezophotocatalyst driven by gentle mechanical disturbances in water. <i>Nano Energy</i> , 2018, 53, 513-523.	16.0	95
16	Saturated long-chain fatty acid-producing bacteria contribute to enhanced colonic motility in rats. <i>Microbiome</i> , 2018, 6, 107.	11.1	92
17	Associations between gut microbiota and Alzheimer's disease, major depressive disorder, and schizophrenia. <i>Journal of Neuroinflammation</i> , 2020, 17, 288.	7.2	91
18	Luminescence of Tiopronin Monolayer-Protected Silver Clusters Changes To That of Gold Clusters upon Galvanic Core Metal Exchange. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7434-7440.	2.6	89

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19	Effect of fertilizer N rates and straw management on yield-scaled nitrous oxide emissions in a maize-wheat double cropping system. <i>Field Crops Research</i> , 2017, 204, 1-11.	5.1	84
20	Nitrate leaching in a winter wheat-summer maize rotation on a calcareous soil as affected by nitrogen and straw management. <i>Scientific Reports</i> , 2017, 7, 42247.	3.3	83
21	Chinese cropping systems are a net source of greenhouse gases despite soil carbon sequestration. <i>Global Change Biology</i> , 2018, 24, 5590-5606.	9.5	81
22	Excited-State Proton-Coupled Electron Transfer: Different Avenues for Promoting Proton/Electron Movement with Solar Photons. <i>ACS Energy Letters</i> , 2017, 2, 1246-1256.	17.4	79
23	Carbon and nitrogen burial in a plateau lake during eutrophication and phytoplankton blooms. <i>Science of the Total Environment</i> , 2018, 616-617, 296-304.	8.0	70
24	In vitro evaluation of endothelial exosomes as carriers for small interfering ribonucleic acid delivery. <i>International Journal of Nanomedicine</i> , 2014, 9, 4223.	6.7	67
25	Solvent stable nanoporous poly (ethylene-co-vinyl alcohol) barrier membranes for liquid-liquid extraction of lithium from a salt lake brine. <i>Journal of Membrane Science</i> , 2016, 520, 596-606.	8.2	66
26	Self-Matched Tribo/Piezoelectric Nanogenerators Using Vapor-Induced Phase-Separated Poly(vinylidene fluoride) and Recombinant Spider Silk. <i>Advanced Materials</i> , 2020, 32, e1907336.	21.0	63
27	Gold Nanosphere Gated Mesoporous Silica Nanoparticle Responsive to Near-Infrared Light and Redox Potential as a Theranostic Platform for Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 435-449.	1.1	60
28	Deformation and failure of polymer bonded explosives under diametric compression test. <i>Polymer Testing</i> , 2006, 25, 333-341.	4.8	59
29	Highly thermally conductive polymer nanocomposites based on boron nitride nanosheets decorated with silver nanoparticles. <i>RSC Advances</i> , 2016, 6, 41630-41636.	3.6	58
30	A critical review on membrane extraction with improved stability: Potential application for recycling metals from city mine. <i>Desalination</i> , 2018, 440, 18-38.	8.2	58
31	Spexin Enhances Bowel Movement through Activating L-type Voltage-dependent Calcium Channel via Galanin Receptor 2 in Mice. <i>Scientific Reports</i> , 2015, 5, 12095.	3.3	57
32	Unconjugated and secondary bile acid profiles in response to higher-fat, lower-carbohydrate diet and associated with related gut microbiota: A 6-month randomized controlled-feeding trial. <i>Clinical Nutrition</i> , 2020, 39, 395-404.	5.0	56
33	Collagen-infiltrated porous hydroxyapatite coating and its osteogenic properties: <i>in vitro</i> and <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1706-1715.	4.0	54
34	Recovery of lithium from salt lake brine of high Mg/Li ratio using Na[FeCl <sub>4</sub> · 2TBP] as extractant: Thermodynamics, kinetics and processes. <i>Hydrometallurgy</i> , 2017, 173, 63-70.	4.3	53
35	Recovery of cobalt, lithium, and manganese from the cathode active materials of spent lithium-ion batteries in a bio-electro-hydrometallurgical process. <i>Hydrometallurgy</i> , 2019, 188, 101-111.	4.3	52
36	Spatial and temporal variation in autochthonous and allochthonous contributors to increased organic carbon and nitrogen burial in a plateau lake. <i>Science of the Total Environment</i> , 2017, 603-604, 390-400.	8.0	51

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37	A novel h-BN@rGO hybrids for epoxy resin composites achieving enhanced high thermal conductivity and energy density. <i>RSC Advances</i> , 2017, 7, 23355-23362.	3.6	50
38	Ultrasound-enhanced electrokinetic remediation for removal of Zn, Pb, Cu and Cd in municipal solid waste incineration fly ashes. <i>Waste Management</i> , 2018, 75, 226-235.	7.4	50
39	Operating optimization for the heavy metal removal from the municipal solid waste incineration fly ashes in the three-dimensional electrokinetics. <i>Chemosphere</i> , 2018, 204, 294-302.	8.2	49
40	Cyclocarya paliurus Leaves Tea Improves Dyslipidemia in Diabetic Mice: A Lipidomics-Based Network Pharmacology Study. <i>Frontiers in Pharmacology</i> , 2018, 9, 973.	3.5	48
41	Barriers to the development of China's shale gas industry. <i>Journal of Cleaner Production</i> , 2014, 84, 818-823.	9.3	46
42	Magnolol, a Natural Polyphenol, Attenuates Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Molecules</i> , 2017, 22, 1218.	3.8	46
43	Visible Light Mediated Fast Iterative RAFT Synthesis of Amino-Based Reactive Copolymers in Water at 20 Å°C. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1827-1832.	3.9	44
44	Uncovering the Mechanisms of Chinese Herbal Medicine (MaZiRenWan) for Functional Constipation by Focused Network Pharmacology Approach. <i>Frontiers in Pharmacology</i> , 2018, 9, 270.	3.5	44
45	Electrokinetic removal of chromium from chromite ore-processing residue using graphite particle-supported nanoscale zero-valent iron as the three-dimensional electrode. <i>Chemical Engineering Journal</i> , 2018, 350, 1022-1034.	12.7	44
46	MOST: most-similar ligand based approach to target prediction. <i>BMC Bioinformatics</i> , 2017, 18, 165.	2.6	43
47	Long-term variation of phytoplankton biomass and physiology in Taihu lake as observed via MODIS satellite. <i>Water Research</i> , 2019, 153, 187-199.	11.3	42
48	Early life stress disrupts intestinal homeostasis via NGF-TrkA signaling. <i>Nature Communications</i> , 2019, 10, 1745.	12.8	42
49	Enabling sustainable green close-loop membrane lithium extraction by acid and solvent resistant poly (ether ether ketone) membrane. <i>Journal of Membrane Science</i> , 2019, 589, 117273.	8.2	40
50	Multifunctional Antimicrobial Polypeptide-Selenium Nanoparticles Combat Drug-Resistant Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 55696-55709.	8.0	40
51	Anti-tumor effects of brucine immuno-nanoparticles on hepatocellular carcinoma. <i>International Journal of Nanomedicine</i> , 2012, 7, 369.	6.7	39
52	Chinese herbal medicine for constipation: zheng-based associations among herbs, formulae, proprietary medicines, and herb-drug interactions. <i>Chinese Medicine</i> , 2016, 11, 28.	4.0	39
53	One-step fast electrochemical fabrication of water-dispersible graphene. <i>Carbon</i> , 2017, 111, 617-621.	10.3	38
54	Evaluation of electrokinetics coupled with a reactive barrier of activated carbon loaded with a nanoscale zero-valent iron for selenite removal from contaminated soils. <i>Journal of Hazardous Materials</i> , 2019, 368, 104-114.	12.4	38

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55	Conductive graphene-based E-textile for highly sensitive, breathable, and water-resistant multimodal gesture-distinguishable sensors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14778-14787.	10.3	38
56	Sediment record of polycyclic aromatic hydrocarbons in Dianchi lake, southwest China: Influence of energy structure changes and economic development. <i>Chemosphere</i> , 2020, 248, 126015.	8.2	38
57	Circulating Spexin Levels Negatively Correlate With Age, BMI, Fasting Glucose, and Triglycerides in Healthy Adult Women. <i>Journal of the Endocrine Society</i> , 2018, 2, 409-419.	0.2	37
58	Switching between Stepwise and Concerted Proton-Coupled Electron Transfer Pathways in Tungsten Hydride Activation. <i>Journal of the American Chemical Society</i> , 2018, 140, 14655-14669.	13.7	36
59	Altered metabolome and microbiome features provide clues in understanding irritable bowel syndrome and depression comorbidity. <i>ISME Journal</i> , 2022, 16, 983-996.	9.8	36
60	The antiproliferative effects of somatostatin receptor subtype 2 in breast cancer cells. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 1053-1059.	6.1	35
61	Nanostructured Si, Mg, CO <sub>3</sub> 2â” Substituted Hydroxyapatite Coatings Deposited by Liquid Precursor Plasma Spraying: Synthesis and Characterization. <i>Journal of Thermal Spray Technology</i> , 2011, 20, 829-836.	3.1	35
62	Targeting histone methylation for colorectal cancer. <i>Therapeutic Advances in Gastroenterology</i> , 2017, 10, 114-131.	3.2	35
63	Cobalt recovery from the stripping solution of spent lithium-ion battery by a three-dimensional microbial fuel cell. <i>Separation and Purification Technology</i> , 2019, 215, 51-61.	7.9	35
64	Association of healthy lifestyle with cognitive function among Chinese older adults. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 325-334.	2.9	35
65	One convenient synthesis route to boron nitride nanotube. <i>Solid State Communications</i> , 2005, 133, 621-623.	1.9	34
66	Simultaneous determination of ten compounds in rat plasma by UPLC-MS/MS: Application in the pharmacokinetic study of Ma-Zi-Ren-Wan. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1000, 136-146.	2.3	34
67	Microbial fuel cells coupling with the three-dimensional electro-Fenton technique enhances the degradation of methyl orange in the wastewater. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17989-18000.	5.3	34
68	Efficacy of MaZiRenWan, a Chinese Herbal Medicine, in Patients With Functional Constipation in a Randomized Controlled Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 1303-1310.e18.	4.4	33
69	Mechanism exploration on the aluminum supplementation coupling the electrokinetics-activating geopolymerization that reinforces the solidification of the municipal solid waste incineration fly ashes. <i>Waste Management</i> , 2020, 103, 361-369.	7.4	33
70	Source identification of particulate organic carbon using stable isotopes and n-alkanes: modeling and application. <i>Water Research</i> , 2021, 197, 117083.	11.3	33
71	Heavy metal removal from MSWI fly ash by electrokinetic remediation coupled with a permeable activated charcoal reactive barrier. <i>Scientific Reports</i> , 2015, 5, 15412.	3.3	32
72	Discovery of 4-(((4-(5-chloro-2-(((1s,4s)-4-((2-methoxyethyl)amino)cyclohexyl)amino)pyridin-4-yl)thiazol-2-yl)amino)methyl)tetrahydro-2H-pyran-4-carbonyl)benzoic acid (JSH-150) as a novel highly selective and potent CDK9 kinase inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 896-916.	5.5	32

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73	Immobilization of trace heavy metals in the electrokinetics-processed municipal solid waste incineration fly ashes and its characterizations and mechanisms. <i>Journal of Environmental Management</i> , 2019, 232, 207-218.	7.8	32
74	A New Way to Promote Molecular Drug Release during Medical Treatment: A Polyelectrolyte Matrix on a Piezoelectric Dielectric Energy Conversion Substrate. <i>Small</i> , 2018, 14, e1802136.	10.0	31
75	Enhanced Antibacterial Activity of Se Nanoparticles Upon Coating with Recombinant Spider Silk Protein eADF4(16). <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4275-4288.	6.7	31
76	Endocytosis Pathways of Endothelial Cell Derived Exosomes. <i>Molecular Pharmaceutics</i> , 2018, 15, 5585-5590.	4.6	30
77	Selective supramolecular interaction of ethylenediamine functionalized graphene quantum dots: Ultra-sensitive photoluminescence detection for nickel ion in vitro. <i>Synthetic Metals</i> , 2018, 244, 106-112.	3.9	30
78	Characterization and formation mechanism of nano-structured hydroxyapatite coatings deposited by the liquid precursor plasma spraying process. <i>Biomedical Materials (Bristol)</i> , 2010, 5, 054113.	3.3	29
79	From trace to pure: Recovery of scandium from the waste acid of titanium pigment production by solvent extraction. <i>Chemical Engineering Research and Design</i> , 2019, 121, 118-124.	5.6	29
80	Graphitic carbon nitride nanoribbon for enhanced visible-light photocatalytic H <sub>2</sub> production. <i>RSC Advances</i> , 2016, 6, 112210-112214.	3.6	28
81	Variation pattern of particulate organic carbon and nitrogen in oceans and inland waters. <i>Biogeosciences</i> , 2018, 15, 1827-1841.	3.3	28
82	EBNA1-targeted probe for the imaging and growth inhibition of tumours associated with the Epstein-Barr virus. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	27
83	Variation in quantity and quality of rainwater dissolved organic matter (DOM) in a peri-urban region: Implications for the effect of seasonal patterns on DOM fates. <i>Atmospheric Environment</i> , 2020, 239, 117769.	4.1	27
84	PET imaging detection of macrophages with a formyl peptide receptor antagonist. <i>Nuclear Medicine and Biology</i> , 2015, 42, 381-386.	0.6	26
85	Azoxystrobin Induces Apoptosis of Human Esophageal Squamous Cell Carcinoma KYSE-150 Cells through Triggering of the Mitochondrial Pathway. <i>Frontiers in Pharmacology</i> , 2017, 8, 277.	3.5	26
86	Historical Records and Source Apportionment of Polycyclic Aromatic Hydrocarbons Over the Past 100 Years in Dianchi Lake, a Plateau Lake in Southwest China. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 187-198.	4.1	26
87	Spexin Acts as Novel Regulator for Bile Acid Synthesis. <i>Frontiers in Physiology</i> , 2018, 9, 378.	2.8	26
88	Characteristics, sources and environmental implications of atmospheric wet nitrogen and sulfur deposition in Yangtze River Delta. <i>Atmospheric Environment</i> , 2019, 219, 116904.	4.1	26
89	Nanostructured bioactive glass ceramic coatings deposited by the liquid precursor plasma spraying process. <i>Applied Surface Science</i> , 2011, 257, 1898-1905.	6.1	24
90	Near-anode focusing phenomenon caused by the coupling effect of early precipitation and backward electromigration in electrokinetic remediation of MSWI fly ashes. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1021-1028.	0.0	24

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91	BODIPY-Mn nanoassemblies for accurate MRI and phototherapy of hypoxic cancer. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1275-1283.	5.8	24
92	Desulfurization Behavior of Fe-Mn-Based Regenerable Sorbents for High-Temperature H <sub>2</sub> S Removal. <i>Energy &amp; Fuels</i> , 2015, 29, 1860-1867.	5.1	23
93	Approaches in studying the pharmacology of Chinese Medicine formulas: bottom-up, top-down and meeting in the middle. <i>Chinese Medicine</i> , 2018, 13, 15.	4.0	23
94	Association of healthy lifestyle including a healthy sleep pattern with incident type 2 diabetes mellitus among individuals with hypertension. <i>Cardiovascular Diabetology</i> , 2021, 20, 239.	6.8	23
95	Nitridation of Silica to an $\alpha$ -Silicon Nitride Nanorod Using NaNH <sub>2</sub> in the Autoclave at 700 $\frac{1}{2}$ C. <i>Journal of the American Ceramic Society</i> , 2007, 90, 1243-1245.	3.8	22
96	Parameters optimization in deepwater dual-gradient drilling based on downhole separation. <i>Petroleum Exploration and Development</i> , 2019, 46, 819-825.	7.0	22
97	Impact of the ethylene content on poly (ethylene-co-vinyl alcohol) membrane morphology and performance via immersion precipitation for lithium extraction. <i>Journal of Membrane Science</i> , 2019, 579, 172-179.	8.2	22
98	Reactivation of Epstein-Barr virus by a dual-responsive fluorescent EBNA1-targeting agent with Zn <sup>2+</sup> -chelating function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26614-26624.	7.1	22
99	Microwave irradiation assisted sodium hexametaphosphate modification on the alkali-activated blast furnace slag for enhancing immobilization of strontium. <i>Chemosphere</i> , 2020, 241, 125069.	8.2	22
100	Impact of SPEEK on PEEK membranes: Demixing, morphology and performance enhancement in lithium membrane extraction. <i>Journal of Membrane Science</i> , 2020, 615, 118448.	8.2	22
101	Synthesis of Unsupported d <sup>1</sup> -d <sup>i</sup> Oxido-Bridged Heterobimetallic Complexes Containing V <sup>IV</sup> : A New Direction for Metal-to-Metal Charge Transfer. <i>Inorganic Chemistry</i> , 2015, 54, 5322-5328.	4.0	21
102	The Detoxification of Heavy Metals in the Phosphate Tailing-contaminated Soil through Sequential Microbial Pretreatment and Electrokinetic Remediation. <i>Soil and Sediment Contamination</i> , 2017, 26, 308-322.	1.9	21
103	Electrochemical method for large size and few-layered water-dispersible graphene. <i>Carbon</i> , 2019, 143, 559-563.	10.3	21
104	Anthropogenic-Driven Alterations in Black Carbon Sequestration and the Structure in a Deep Plateau Lake. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6467-6475.	10.0	21
105	Berberine Suppresses Colonic Inflammation in Dextran Sulfate Sodium-Induced Murine Colitis Through Inhibition of Cytosolic Phospholipase A2 Activity. <i>Frontiers in Pharmacology</i> , 2020, 11, 576496.	3.5	21
106	Current status and outlook of biodegradable metals in neuroscience and their potential applications as cerebral vascular stent materials. <i>Bioactive Materials</i> , 2022, 11, 140-153.	15.6	21
107	Body weight regulation via MT1-MMP-mediated cleavage of GFRAL. <i>Nature Metabolism</i> , 2022, 4, 203-212.	11.9	21
108	A photoelectrochemical aptasensor for mucin 1 based on DNA/aptamer linking of quantum dots and TiO <sub>2</sub> nanotube arrays. <i>Analytical Methods</i> , 2016, 8, 2375-2382.	2.7	20

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109	Plasmonic Coupling of AgNPs near Graphene Edges: A Cross-Section Strategy for High-Performance SERS Sensing. <i>Chemistry of Materials</i> , 2020, 32, 3813-3822.	6.7	20
110	Study on electro-kinetic remediation of heavy metals in municipal solid waste incineration fly ash with a three-dimensional electrode. <i>RSC Advances</i> , 2017, 7, 27846-27852.	3.6	19
111	Properties of sediment dissolved organic matter respond to eutrophication and interact with bacterial communities in a plateau lake. <i>Environmental Pollution</i> , 2022, 301, 118996.	7.5	19
112	Bioactive Glass-Ceramic Coatings Synthesized by the Liquid Precursor Plasma Spraying Process. <i>Journal of Thermal Spray Technology</i> , 2011, 20, 560-568.	3.1	18
113	Preparation, pharmacokinetics, tissue distribution and antitumor effect of sorafenib-incorporating nanoparticles in vivo. <i>Oncology Letters</i> , 2017, 14, 6163-6169.	1.8	18
114	Rapid photodegradation of terrestrial soil dissolved organic matter (DOM) with abundant humic-like substances under simulated ultraviolet radiation. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 103.	2.7	18
115	Source analysis and influencing factors of historical changes in PAHs in the sediment core of Fuxian Lake, China. <i>Environmental Pollution</i> , 2021, 288, 117935.	7.5	18
116	Source apportionment of polycyclic aromatic hydrocarbons (PAHs) in a sediment core from Lake Dagze Co, Tibetan Plateau, China: Comparison of three receptor models. <i>Journal of Environmental Sciences</i> , 2022, 121, 224-233.	6.1	18
117	Kinetic Study on the Sulfidation and Regeneration of Manganese-Based Regenerable Sorbent for High Temperature H <sub>2</sub> S Removal. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 1179-1188.	3.7	17
118	Electrical properties of Longmaxi organic-rich shale and its potential applications to shale gas exploration and exploitation. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 573-585.	4.4	17
119	Free-standing few-layered graphene oxide films: selective, steady and lasting permeation of organic molecules with adjustable speeds. <i>Nanoscale</i> , 2016, 8, 2003-2010.	5.6	17
120	Quantificational effect of reforestation to soil erosion in subtropical monsoon regions with acid red soil by sediment fingerprinting. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	17
121	<i>HNF1A</i> variant, energy-reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1445-1452.	4.4	17
122	Enhanced mineralization of sedimentary organic carbon induced by excess carbon from phytoplankton in a eutrophic plateau lake. <i>Journal of Soils and Sediments</i> , 2019, 19, 2613-2623.	3.0	17
123	A Mn(II) complex of boradiazaindacene (BODIPY) loaded graphene oxide as both LED light and H <sub>2</sub> O <sub>2</sub> enhanced anticancer agent. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 1-6.	3.5	16
124	Internal Loads and Bioavailability of Phosphorus and Nitrogen in Dianchi Lake, China. <i>Chinese Geographical Science</i> , 2018, 28, 851-862.	3.0	16
125	High adsorption performance of synthesized hexametaphosphate green rust towards Cr(VI) removal and its mechanism explorations. <i>Journal of Environmental Management</i> , 2019, 252, 109642.	7.8	16
126	Speciation of Inorganic Antimony in Food and Water Samples by Flow Injection On-line Nano <sup>13</sup> -Alumina Micro-column Solid-Phase Extraction Coupled with Slotted Tube Atom Trapping Flame Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 1080-1089.	2.6	15

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127	Mono-Oxido-Bridged Heterobimetallic and Heterotrimetallic Compounds Containing Titanium(IV) and Chromium(III). <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5662-5674.	2.0	15
128	Improved Nitrogen Management as a Key Mitigation to Net Global Warming Potential and Greenhouse Gas Intensity on the North China Plain. <i>Soil Science Society of America Journal</i> , 2018, 82, 136-146.	2.2	15
129	Simultaneous UPLC-MS/MS determination of six active components in rat plasma: application in the pharmacokinetic study of <i>Cyclocarya paliurus</i> leaves. <i>Chinese Medicine</i> , 2019, 14, 28.	4.0	15
130	Synthesis of Kelp-Like Crystalline $\gamma$ -SiC Nanobelts and their Apical Growth Mechanism. <i>Journal of the American Ceramic Society</i> , 2007, 90, 653-656.	3.8	14
131	Effects of material and surface functional group on collagen self-assembly and subsequent cell adhesion behaviors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 303-308.	5.0	14
132	A novel silver nanoparticle-deposited aluminum oxide hybrids for epoxy composites with enhanced thermal conductivity and energy density. <i>Composite Interfaces</i> , 2019, 26, 1001-1011.	2.3	14
133	Investigation on depth-dependent properties and benthic effluxes of dissolved organic matter (DOM) in pore water from plateau lake sediments. <i>Ecological Indicators</i> , 2021, 125, 107500.	6.3	14
134	High atmospheric wet nitrogen deposition and major sources in two cities of Yangtze River Delta: Combustion-related NH <sub>3</sub> and non-fossil fuel NO <sub>x</sub> . <i>Science of the Total Environment</i> , 2022, 806, 150502.	8.0	14
135	Initial evaluation of Cu-64 labeled PARPi-DOTA PET imaging in mice with mesothelioma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3472-3476.	2.2	13
136	Characterization of Extracellular Vesicles by Size-Exclusion High-Performance Liquid Chromatography (HPLC). <i>Methods in Molecular Biology</i> , 2017, 1660, 191-199.	0.9	13
137	Evaluation of Novel <sup>64</sup> Cu-Labeled Theranostic Gadolinium-Based Nanoprobes in HepG2 Tumor-Bearing Nude Mice. <i>Nanoscale Research Letters</i> , 2017, 12, 523.	5.7	13
138	Antitumor effects of brucine immuno-nanoparticles on hepatocellular carcinoma in <i>in vivo</i> . <i>Oncology Letters</i> , 2018, 15, 6137-6146.	1.8	13
139	Optimization analysis and mechanism exploration on the removal of cesium and the solidification of secondary residue wastes in electrokinetics. <i>Journal of Cleaner Production</i> , 2019, 233, 1207-1220.	9.3	13
140	Antimicrobial nanoparticle coatings for medical implants: Design challenges and prospects. <i>Biointerphases</i> , 2020, 15, 060801.	1.6	13
141	Star-Peptide Polymers are Multi-Drug-Resistant Gram-Positive Bacteria Killers. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 25025-25041.	8.0	13
142	Comparison of Shale Inhibitors for Hydration, Dispersion, and Swelling Suppression. <i>Chemistry and Technology of Fuels and Oils</i> , 2018, 53, 966-975.	0.5	12
143	Risk Assessment Based on Nitrogen and Phosphorus Forms in Watershed Sediments: A Case Study of the Upper Reaches of the Minjiang Watershed. <i>Sustainability</i> , 2019, 11, 5565.	3.2	12
144	Disturbance mechanisms of lacustrine organic carbon burial: Case study of Cuopu Lake, Southwest China. <i>Science of the Total Environment</i> , 2020, 746, 140615.	8.0	12

#	ARTICLE	IF	CITATIONS
145	Ultra-low noise graphene/copper/nylon fabric for electromagnetic interference shielding in ultra-low field magnetic resonance imaging. <i>Journal of Magnetic Resonance</i> , 2020, 317, 106775.	2.1	12
146	Coal combustion facilitating faster burial of char than soot in a plateau lake of southwest China. <i>Journal of Hazardous Materials</i> , 2022, 436, 129209.	12.4	12
147	The application of homemade <i>Neosinocalamus affinis</i> AC in electrokinetic removal technology on heavy metal removal from the MSWI fly ash. <i>Scientific Reports</i> , 2016, 6, 39312.	3.3	11
148	Graphite particle electrodes that enhance the detoxification of municipal solid waste incineration fly ashes in a three-dimensional electrokinetic platform and its mechanisms. <i>Environmental Pollution</i> , 2018, 243, 929-939.	7.5	11
149	Electrochemical Strategy for Flexible and Highly Conductive Carbon Films: The Role of 3-Dimensional Graphene/Graphite Aggregates. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1239-1246.	8.0	11
150	Chinese Herbal Medicine (MaZiRenWan) Improves Bowel Movement in Functional Constipation Through Down-Regulating Oleamide. <i>Frontiers in Pharmacology</i> , 2019, 10, 1570.	3.5	11
151	Hydroxyapatite nanoparticle functionalized activated carbon particle electrode that removes strontium from spiked soils in a unipolar three-dimensional electrokinetic system. <i>Journal of Environmental Management</i> , 2021, 280, 111697.	7.8	11
152	Eutrophication and lakes dynamic conditions control the endogenous and terrestrial POC observed by remote sensing: Modeling and application. <i>Ecological Indicators</i> , 2021, 129, 107907.	6.3	11
153	Evaluation of the Pharmacokinetics and Renal Excretion of Ma-Zi-Ren-Wan in Health Subjects. <i>World Journal of Traditional Chinese Medicine</i> , 2017, 3, 8-15.	1.9	11
154	Effect of formation factors on light crude oil oxidation via TG-FTIR. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1685-1695.	3.6	10
155	GOD/HRP Bienzyme Synergistic Catalysis in a 2-D Graphene Framework for Glucose Biosensing. <i>Journal of the Electrochemical Society</i> , 2015, 162, B319-B325.	2.9	10
156	Controlled Interfacial Permeation, Nanostructure Formation, Catalytic Efficiency, Signal Enhancement Capability, and Cell Spreading by Adjusting Photochemical Cross-Linking Degrees of Layer-by-Layer Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 34080-34088.	8.0	10
157	Research on a closed-loop method that enhances the electrokinetic removal of heavy metals from municipal solid waste incineration fly ashes. <i>Chemical Papers</i> , 2019, 73, 3053-3065.	2.2	10
158	Electrokinetic Enhancement: Effect of Sample Stacking on Strengthening Heavy Metal Removal in Electrokinetic Remediation of Municipal Solid Waste Incineration Fly Ash. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	1.4	10
159	Temporal variation in sediment C, N, and P stoichiometry in a plateau lake during sediment burial. <i>Journal of Soils and Sediments</i> , 2020, 20, 1706-1718.	3.0	10
160	GWAS-associated bacteria and their metabolites appear to be causally related to the development of inflammatory bowel disease. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 1024-1030.	2.9	10
161	Size Exclusion HPLC Detection of Small-Size Impurities as a Complementary Means for Quality Analysis of Extracellular Vesicles. <i>Journal of Circulating Biomarkers</i> , 2015, 4, 6.	1.3	9
162	Bradykinin-Potentiating Peptide-Paclitaxel Conjugate Directed at Ectopically Expressed Angiotensin-Converting Enzyme in Triple-Negative Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17051-17062.	6.4	9

#	ARTICLE	IF	CITATIONS
163	Determination of Fatty Acid Metabolism with Dynamic [ <sup>11</sup> C]Palmitate Positron Emission Tomography of Mouse Heart In Vivo. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00024.	1.4	8
164	Ferromagnetic coupling in d1â€“d3 linear oxido-bridged heterometallic complexes: ground-state models of metal-to-metal charge transfer excited states. <i>Dalton Transactions</i> , 2015, 44, 18937-18944.	3.3	8
165	A mitochondria targeting Mn nanoassembly of BODIPY for LDH-A, mitochondria modulated therapy and bimodal imaging of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 387-396.	5.0	8
166	The use of electrostatic association for rapid RAFT synthesis of histamine polyelectrolyte in aqueous solutions at and below 25 Â°C. <i>Polymer Chemistry</i> , 2016, 7, 176-183.	3.9	8
167	An aptamer-Fe <sup>3+</sup> modified nanoparticle for lactate oxidation and tumor photodynamic therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 192-200.	5.0	8
168	Mouse Spexin: (I) NMR Solution Structure, Docking Models for Receptor Binding, and Histological Expression at Tissue Level. <i>Frontiers in Endocrinology</i> , 2021, 12, 681646.	3.5	8
169	Therapeutic effects and mechanisms of Zhen-Wu-Bu-Qi Decoction on dextran sulfate sodium-induced chronic colitis in mice assessed by multi-omics approaches. <i>Phytomedicine</i> , 2022, 99, 154001.	5.3	8
170	A novel manganese complex selectively induces malignant glioma cell death by targeting mitochondria. <i>Molecular Medicine Reports</i> , 2016, 14, 1970-1978.	2.4	7
171	Discovery of (E)-N-(4-((4-methylpiperazin-1-yl)methyl)-3-(trifluoromethyl)phenyl)-3-((3-(2-(pyridin-2-yl)vinyl)-1H-indazol-6-yl)thio)propanamide (CHMFL-ABL-121) as a highly potent ABL kinase inhibitor capable of overcoming a variety of ABL mutants including T315I for chronic myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 61-81.	5.5	7
172	Seedâ€“Initiated Synthesis and Tunable Doping Graphene for Highâ€“Performance Photodetectors. <i>Advanced Optical Materials</i> , 2019, 7, 1901388.	7.3	7
173	Increasing lithium extraction performance by adding sulfonated poly (ether ether ketone) into blockâ€“copolymer ethylene vinyl alcohol membrane. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1559-1568.	3.2	7
174	Spatial variation of particulate black carbon, and its sources in a large eutrophic urban lake in China. <i>Science of the Total Environment</i> , 2022, 803, 150057.	8.0	7
175	Mechanisms for PACAP-induced prolactin gene expression in grass carp pituitary cells. <i>Journal of Endocrinology</i> , 2017, 233, 37-51.	2.6	6
176	Numerical simulation on ferrofluid flow in fractured porous media based on discrete-fracture model. <i>Open Physics</i> , 2017, 15, 370-378.	1.7	6
177	Molecularly Selective Regulation of Delivery Fluxes by Employing Supramolecular Interactions in Layerâ€“byâ€“Layer Films. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1067-1073.	3.3	6
178	An External CAM Therapy (Tian Jiu) versus Placebo in Treatment of Allergic Rhinitis: A Pilot Single-Blinded, Three-Arm, Randomized Controlled Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-11.	1.2	6
179	Discovery and characterization of a novel highly potent and selective type II native and drug-resistant V299L mutant BCR-ABL inhibitor (CHMFL-ABL-039) for Chronic Myeloid Leukemia (CML). <i>Cancer Biology and Therapy</i> , 2019, 20, 877-885.	3.4	6
180	Head-to-Head Comparison of Neck 18F-FDG PET/MR and PET/CT in the Diagnosis of Differentiated Thyroid Carcinoma Patients after Comprehensive Treatment. <i>Cancers</i> , 2021, 13, 3436.	3.7	6

#	ARTICLE	IF	CITATIONS
181	Identification of the Differential Expression Profiles of Serum and Tissue Proteins During Rat Hepatocarcinogenesis. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303461875678.	1.9	5
182	Microbial fuel cells coupled with the bioleaching technique that enhances the recovery of Cu from the secondary mine tailings in the bioelectrochemical system. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13181.	2.3	5
183	Fish and marine fatty acids intakes, the <i>FADS</i> genotypes and long-term weight gain: a prospective cohort study. <i>BMJ Open</i> , 2019, 9, e022877.	1.9	5
184	Mechanisms of water flooding characteristic curve upwarping at high water-cut stage and influencing factors. <i>Chinese Science Bulletin</i> , 2019, 64, 2751-2760.	0.7	5
185	Graphene Encapsulating Boron Nitride Electrostatic Assemblies for Fabrication of Polymer Composites with High Thermal Conductivity. <i>Advanced Composites Letters</i> , 2016, 25, 096369351602500.	1.3	4
186	Atmospheric nitrogen deposition in Yangtze River Delta: insights gained from the nitrogen content and isotopic composition of the moss <i>Haplocladium microphyllum</i> . <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 202-209.	1.3	4
187	Morphological characteristics and ecological risk assessment of nitrogen and phosphorus in the sediments of Futunxi watershed in Fujian province. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 335.	2.7	4
188	Exploiting cancer's phenotypic guise against itself: targeting ectopically expressed peptide G-protein coupled receptors for lung cancer therapy. <i>Oncotarget</i> , 2017, 8, 104615-104637.	1.8	4
189	Combination of electrokinetics and nano zero-valent iron-based adsorption enhances Sb(V) removal from feed water in the batch and column mode processes. , 0, 150, 166-191.		4
190	Dihydroartemisinin is potential therapeutics for treating late-stage CRC by targeting the elevated c-Myc level. <i>Cell Death and Disease</i> , 2021, 12, 1053.	6.3	4
191	Electrosynthetic Route to Cyclopentadienyl Rhenium Hydride Complexes Enabled by Electrochemical Investigations of their Redox-Induced Formation. <i>Organometallics</i> , 2020, 39, 1730-1743.	2.3	3
192	Trends in the impact of socioeconomic developments on polycyclic aromatic hydrocarbon concentrations in Dianchi Lake. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2954-2964.	5.3	3
193	Protocol for the National Nurse Health Study (NNHS): a web-based ambispective cohort study. <i>BMJ Open</i> , 2021, 11, e049958.	1.9	3
194	Birth weight modifies the relation between adulthood levels of insulin-like growth factor-1 and type 2 diabetes: a prospective cohort study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001885.	2.8	3
195	Surface Characteristics and Biological Responses of Si, Mg and CO <sub>3</sub> Substituted Nano-Hydroxyapatite Coatings. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015, 5, 822-832.	0.1	3
196	One-century sedimentary record, sources, and ecological risk of polycyclic aromatic hydrocarbons in Dianchi Lake, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33427-33442.	5.3	3
197	Rock-On-A-Chip Approach Provides New Insight for Well Interferences in Liquids-Rich Shale Plays. , 2017, , .		2
198	Network-based analysis with primary cells reveals drug response landscape of acute myeloid leukemia. <i>Experimental Cell Research</i> , 2020, 393, 112054.	2.6	2

#	ARTICLE	IF	CITATIONS
199	The influence of nutrients on the composition and quantity of buried organic carbon in a eutrophic plateau lake, Southwest China. <i>Science of the Total Environment</i> , 2022, 836, 155726.	8.0	2
200	Aerobic oxidation of $\hat{I}^2$ -isophorone by tetraphenylporphyrin catalysts in pyridine solution. <i>Journal of Molecular Catalysis A</i> , 2015, 410, 110-120.	4.8	1
201	Cylindrical Electrolyser Enhanced Electrokinetic Remediation of Municipal Solid Waste Incineration Fly Ashes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 301, 012097.	0.6	1
202	Characteristic Analysis of Downhole Pressure Signal while Drilling under Drillstring Washout Conditions. <i>Materials Science Forum</i> , 0, 944, 1040-1049.	0.3	1
203	Numerical simulation of ferrofluid flow in porous media under coupled magnetic and seepage fields. <i>Chinese Science Bulletin</i> , 2017, 62, 836-846.	0.7	1
204	Numerical Simulation of Rock Fracture under Dynamic Loading Using Manifold Method. <i>Key Engineering Materials</i> , 0, , 235-238.	0.4	1
205	Growth characteristics of carbon nanotubes by DC-PCVD. , 2011, , .		0
206	The surface morphology of diamond films by hot cathode DC-PCVD. , 2011, , .		0
207	Properties of yellow organic light-emitting devices based on E-2-2-5-bromothinophen-2-ylvinylquinolin-Zinc. , 2011, , .		0
208	Effects of the thickness of DPVBi on the performance of WOLED. , 2011, , .		0
209	Studies on Capture of Modified Ca-Based Sorbents for Zn, Pb, As in Coal During the Process of Combustion Based on the Analysis of Fundamental Characteristics of Trace Elements and Coal Samples. <i>Asian Journal of Chemistry</i> , 2014, 26, 5789-5796.	0.3	0
210	Tolerability, exposure and pharmacokinetics in healthy subjects of a Chinese herbal medicine MaZiRenWan (MZRW): Study protocol for a randomized open-labelled, three-arm phase 0/1 clinical trial. <i>European Journal of Integrative Medicine</i> , 2016, 8, 581-586.	1.7	0
211	Erosion Law of Inner Drill Pipe in Reelwell Reverse Circulation Directional Drilling. <i>Materials Science Forum</i> , 0, 944, 1061-1066.	0.3	0
212	A five-coordinate iron(III) porphyrin complex including a neutral axial pyridine $\langle i \rangle N \langle /i \rangle$ -oxide ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 717-722.	0.5	0
213	Corrosion Strength Analysis of Casing in Offshore Thermal Recovery Wells. <i>Materials Science Forum</i> , 2019, 944, 956-964.	0.3	0
214	Electrokinetic removals of arsenate and arsenite from the aqueous environment by a fluidized bed of superparamagnetic iron oxide nanoparticle-coated pyrite microelectrodes. <i>Separation Science and Technology</i> , 2021, 56, 344-358.	2.5	0
215	Study on Influence of Mechanical Parameters of Cement Plug on Sealing Integrity of Abandoned Wellbore. <i>Mechanisms and Machine Science</i> , 2020, , 585-595.	0.5	0