

Yi Chen

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,527
citations

136740

32
h-index

143772

57
g-index

74
all docs

74
docs citations

74
times ranked

3763
citing authors

#	ARTICLE	IF	CITATIONS
1	Nerve bundle formation during the promotion of peripheral nerve regeneration: collagen VI-neural cell adhesion molecule 1 interaction. <i>Neural Regeneration Research</i> , 2022, 17, 1023.	1.6	17
2	Adsorption behaviors and mechanisms of Fe/Mg layered double hydroxide loaded on bentonite on Cd (II) and Pb (II) removal. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 572-583.	5.0	71
3	Ocular phenotype and genetical analysis in patients with retinopathy of prematurity. <i>BMC Ophthalmology</i> , 2022, 22, 22.	0.6	2
4	Enhancement of denitrification in biofilters by immobilized biochar under low-temperature stress. <i>Bioresource Technology</i> , 2022, 347, 126664.	4.8	31
5	Metal-organic framework derived carbon nanoarchitectures for highly efficient flow-electrode CDI desalination. <i>Environmental Research</i> , 2022, 208, 112727.	3.7	16
6	Impact of microplastics on the treatment performance of constructed wetlands: Based on substrate characteristics and microbial activities. <i>Water Research</i> , 2022, 217, 118430.	5.3	31
7	Efficacy of conbercept after switching from bevacizumab/ranibizumab in eyes of macular edema secondary to central retinal vein occlusion. <i>International Journal of Ophthalmology</i> , 2022, 15, 609-614.	0.5	2
8	Web support for the more efficient discovery of kinase inhibitors. <i>Drug Discovery Today</i> , 2022, , .	3.2	0
9	Aging behavior of microplastics affected DOM in riparian sediments: From the characteristics to bioavailability. <i>Journal of Hazardous Materials</i> , 2022, 431, 128522.	6.5	42
10	Deletion of Schizophrenia Susceptibility Gene Ulk4 Leads to Abnormal Cognitive Behaviors via Akt-GSK-3 Signaling Pathway in Mice. <i>Schizophrenia Bulletin</i> , 2022, 48, 804-813.	2.3	1
11	Association between metformin use and the risk of age-related macular degeneration in patients with type 2 diabetes: a retrospective study. <i>BMJ Open</i> , 2022, 12, e054420.	0.8	7
12	Impacts of carbon-based nanomaterials on nutrient removal in constructed wetlands: Microbial community structure, enzyme activities, and metabolism process. <i>Journal of Hazardous Materials</i> , 2021, 401, 123270.	6.5	41
13	Adsorption behavior of heavy metal ions on a polymer-immobilized amphoteric biosorbent: Surface interaction assessment. <i>Journal of Hazardous Materials</i> , 2021, 403, 123801.	6.5	58
14	Racial differences and factors associated with low femoral neck bone mineral density: an analysis of NHANES 2005–2014 data. <i>Archives of Osteoporosis</i> , 2021, 16, 9.	1.0	7
15	Mechanical Property and Microstructure of Fly Ash-Based Geopolymer Activated by Sodium Silicate. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 1765-1777.	0.9	28
16	Ulk4, a Newly Discovered Susceptibility Gene for Schizophrenia, Regulates Corticogenesis in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645368.	1.8	4
17	Simultaneous enhancement of treatment performance and energy recovery using pyrite as anodic filling material in constructed wetland coupled with microbial fuel cells. <i>Water Research</i> , 2021, 201, 117333.	5.3	44
18	Marine algae facilitate transfer of microplastics and associated pollutants into food webs. <i>Science of the Total Environment</i> , 2021, 787, 147535.	3.9	13

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19	In situ potential measurement in a flow-electrode CDI for energy consumption estimation and system optimization. <i>Water Research</i> , 2021, 203, 117522.	5.3	22
20	International Classification of Retinopathy of Prematurity, Third Edition. <i>Ophthalmology</i> , 2021, 128, e51-e68.	2.5	280
21	Scattering Analysis and Optimization of Spherical Acoustic Cloak with Unideal Pentamode Material. <i>Acta Mechanica Solida Sinica</i> , 2020, 33, 347-360.	1.0	8
22	Metagenomic analysis of the biotoxicity of titanium dioxide nanoparticles to microbial nitrogen transformation in constructed wetlands. <i>Journal of Hazardous Materials</i> , 2020, 384, 121376.	6.5	85
23	Copper oxide nanoparticles inhibited denitrifying enzymes and electron transport system activities to influence soil denitrification and N ₂ O emission. <i>Chemosphere</i> , 2020, 245, 125394.	4.2	82
24	Nanoplastics Disturb Nitrogen Removal in Constructed Wetlands: Responses of Microbes and Macrophytes. <i>Environmental Science & Technology</i> , 2020, 54, 14007-14016.	4.6	128
25	Effect of sodium sulfate on strength and microstructure of alkali-activated fly ash based geopolymer. <i>Journal of Central South University</i> , 2020, 27, 1691-1702.	1.2	19
26	Self-Optimized Ligand Effect in L1 ₂ -PtPdFe Intermetallic for Efficient and Stable Alkaline Hydrogen Oxidation Reaction. <i>ACS Catalysis</i> , 2020, 10, 15207-15216.	5.5	64
27	Impact of biochar on greenhouse gas emissions from constructed wetlands under various influent chemical oxygen demand to nitrogen ratios. <i>Bioresource Technology</i> , 2020, 303, 122908.	4.8	84
28	Sulfur cycle as an electron mediator between carbon and nitrate in a constructed wetland microcosm. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	25
29	What Roles Are Terrestrial Plants Playing in Global Microplastic Cycling?. <i>Environmental Science & Technology</i> , 2020, 54, 5325-5327.	4.6	64
30	Theory and Realization of Nonresonant Anisotropic Singly Polarized Solids Carrying Only Shear Waves. <i>Physical Review Applied</i> , 2019, 12, .	1.5	23
31	Novel lanthanum doped biochars derived from lignocellulosic wastes for efficient phosphate removal and regeneration. <i>Bioresource Technology</i> , 2019, 289, 121600.	4.8	131
32	Highly efficient nitrate removal in a heterotrophic denitrification system amended with redox-active biochar: A molecular and electrochemical mechanism. <i>Bioresource Technology</i> , 2019, 275, 297-306.	4.8	115
33	Dissolved oxygen stratification changes nitrogen speciation and transformation in a stratified lake. <i>Environmental Science and Pollution Research</i> , 2019, 26, 2898-2907.	2.7	12
34	Purification of leachate from sludge treatment beds by subsurface flow constructed wetlands: effects of plants and hydraulic retention time. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5769-5781.	2.7	12
35	Formation, extracellular polymeric substances, and structural stability of aerobic granules enhanced by granular activated carbon. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6123-6132.	2.7	39
36	Impacts of chlorothalonil on denitrification and N ₂ O emission in riparian sediments: Microbial metabolism mechanism. <i>Water Research</i> , 2019, 148, 188-197.	5.3	143

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37	Heterogeneous Ensemble for Default Prediction of Peer-to-Peer Lending in China. <i>IEEE Access</i> , 2018, 6, 54396-54406.	2.6	39
38	Cage carbon-substitute does matter for aggregation-induced emission features of <i>o</i> -carborane-functionalized anthracene triads. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4140-4149.	2.7	49
39	Synthesis of self-matting waterborne polyurethane coatings with excellent transmittance. <i>Polymer International</i> , 2018, 67, 78-84.	1.6	38
40	Mechanically triggered reversible stepwise tricolor switching and thermochromism of anthracene- <i>o</i> -carborane dyad. <i>Chemical Science</i> , 2018, 9, 5270-5277.	3.7	134
41	Phytoplankton response to polystyrene microplastics: Perspective from an entire growth period. <i>Chemosphere</i> , 2018, 208, 59-68.	4.2	434
42	Acute response of soil denitrification and N ₂ O emissions to chlorothalonil: A comprehensive molecular mechanism. <i>Science of the Total Environment</i> , 2018, 636, 1408-1415.	3.9	33
43	Synthesis, mechanism and efficient modulation of a fluorescence dye by photochromic pyrazolone with energy transfer in the crystalline state. <i>RSC Advances</i> , 2017, 7, 9847-9853.	1.7	5
44	Hydroxyl-decorated ammonium polyphosphate as flame retardant reinforcing agent in solvent-free two-component polyurethane. <i>Polymer International</i> , 2017, 66, 1598-1609.	1.6	9
45	Efficacy of Primary Intravitreal Ranibizumab for Retinopathy of Prematurity in China. <i>Ophthalmology</i> , 2017, 124, 408-409.	2.5	35
46	Broadband solid cloak for underwater acoustics. <i>Physical Review B</i> , 2017, 95, .	1.1	109
47	Recurrence of Retinopathy of Prematurity in Zone II Stage 3+ after Ranibizumab Treatment: A Retrospective Study. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-5.	0.6	21
48	The effectiveness of intra-aortic balloon pump for myocardial infarction in patients with or without cardiogenic shock: a meta-analysis and systematic review. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 148.	0.7	16
49	Occurrence, removal and environmental risk assessment of pharmaceuticals and personal care products in rural wastewater treatment wetlands. <i>Science of the Total Environment</i> , 2016, 566-567, 1660-1669.	3.9	173
50	Effect of surface free energy and wettability on the adhesion property of waterborne polyurethane adhesive. <i>RSC Advances</i> , 2016, 6, 99346-99352.	1.7	32
51	A sensitive porphyrin/reduced graphene oxide electrode for simultaneous detection of guanine and adenine. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2055-2062.	1.2	15
52	In situ synthesis of crosslinked-polyaniline nano-pillar arrays/reduced graphene oxide nanocomposites for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 665-671.	1.2	5
53	Application of A Mobile Platform-based System for the Management of Fundus Disease in Outpatient Settings. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2016, 38, 444-52.	0.2	0
54	Latticed pentamode acoustic cloak. <i>Scientific Reports</i> , 2015, 5, 15745.	1.6	106

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55	ANALYSIS OF CHANGES IN CHARACTERISTICS OF SEVERE RETINOPATHY OF PREMATURITY PATIENTS AFTER SCREENING GUIDELINES WERE ISSUED IN CHINA. <i>Retina</i> , 2015, 35, 1674-1679.	1.0	15
56	Time at Treatment of Severe Retinopathy of Prematurity in China: Recommendations for Guidelines in More Mature Infants. <i>PLoS ONE</i> , 2015, 10, e0116669.	1.1	24
57	Anterior Segment Neovascularization in Diabetic Retinopathy: A Masquerade. <i>PLoS ONE</i> , 2015, 10, e0123627.	1.1	6
58	Hierarchical architected MnCO ₃ microdumbbells: facile synthesis and enhanced performance for lithium ion batteries. <i>CrystEngComm</i> , 2015, 17, 6450-6455.	1.3	45
59	A facile strategy to synthesize three-dimensional Pd@Pt core-shell nanoflowers supported on graphene nanosheets as enhanced nanoelectrocatalysts for methanol oxidation. <i>Chemical Communications</i> , 2015, 51, 10490-10493.	2.2	55
60	Quercetin Inhibits Vascular Endothelial Growth Factor-Induced Choroidal and Retinal Angiogenesis in vitro. <i>Ophthalmic Research</i> , 2015, 53, 109-116.	1.0	41
61	The Maize <i>DWARF1</i> Encodes a Gibberellin 3-Oxidase and Is Dual Localized to the Nucleus and Cytosol. <i>Plant Physiology</i> , 2014, 166, 2028-2039.	2.3	112
62	Low-temperature and one-pot synthesis of sulfurized graphene nanosheets via in situ doping and their superior electrocatalytic activity for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20714-20722.	5.2	54
63	Immobilization and stabilization of cholesterol oxidase on modified sepharose particles. <i>International Journal of Biological Macromolecules</i> , 2013, 56, 6-13.	3.6	34
64	Morphologic changes in the anterior chamber in patients with cortical or nuclear age-related cataract. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 77-82.	0.7	18
65	Preparation and Performance Research on Glutathione Molecularly Imprinted Polymers. <i>Chromatographia</i> , 2011, 74, 443-450.	0.7	13
66	Quercetin inhibits choroidal and retinal angiogenesis in vitro. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 373-378.	1.0	53
67	Novel Rearrangement of Small Peptides in Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2004, 22, 477-481.	2.6	1
68	A Convenient Two-Step One-Pot Synthesis of Alkylthiophosphoramidates Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 641-646.	0.8	4
69	A STEPWISE ONE POT SYNTHESIS OF ALKYL THIOPHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDES. <i>Synthetic Communications</i> , 2002, 32, 1159-1167.	1.1	8
70	Rearrangement with formamide extrusion in the electrospray mass spectra of aminoacylbenzylamines. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1489-1493.	0.7	12
71	Rearrangement of P-N to P-O bonds in mass spectra of N-diisopropoxyphosphoryl amino acids/alcohols. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1936-1940.	0.7	20
72	Synthesis and Electrospray Ionization Mass Spectra of Amino Acid Thiophosphoramidates of Nucleoside. <i>Chinese Journal of Chemistry</i> , 2001, 19, 1239-1244.	2.6	4