

Lei Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,780
citations

516710

16
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2031
citing authors

#	ARTICLE	IF	CITATIONS
1	Constructed wetlands for rural domestic wastewater treatment: A coupling of tidal strategy, in-situ bio-regeneration of zeolite and Fe(II)-oxygen denitrification. <i>Bioresource Technology</i> , 2022, 344, 126185.	9.6	15
2	Biomimetic cuttlebone polyvinyl alcohol/carbon nanotubes/hydroxyapatite aerogel scaffolds enhanced bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112221.	5.0	12
3	Co ₂ MnO ₂ Nanorods for High-Performance Sodium/Potassium-Ion Batteries and Highly Conductive Gel-Type Supercapacitors. <i>Advanced Science</i> , 2022, 9, e2105510.	11.2	20
4	Denitrification performance and mechanism of denitrification biofilm reactor based on carbon-nitrate counter-diffusional. <i>Bioresource Technology</i> , 2022, 348, 126804.	9.6	10
5	Removal of micro organic pollutants in high salinity wastewater by comproportionation system of Fe(VI)/Fe(III): Enhancement of chloride and bicarbonate. <i>Water Research</i> , 2022, 214, 118182.	11.3	22
6	Scalable, superelastic, and superhydrophobic MXene/silver nanowire/melamine hybrid sponges for high-performance electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5336-5344.	5.5	16
7	Functional analysis of a viral promoter from a strawberry vein banding virus isolate from China. <i>Virology Journal</i> , 2022, 19, 60.	3.4	0
8	Strawberry vein banding virus-based vector for transient overexpression in strawberry plants. <i>Phytopathology Research</i> , 2022, 4, .	2.4	0
9	Lightweight and hydrophobic Ni/GO/PVA composite aerogels for ultrahigh performance electromagnetic interference shielding. <i>Nanotechnology Reviews</i> , 2022, 11, 1722-1732.	5.8	10
10	Superlyophilic Interfaces Assisted Thermal Management. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 643-652.	2.6	3
11	Optimization of Ni-Based Catalysts for Dry Reforming of Methane via Alloy Design: A Review. <i>Energy & Fuels</i> , 2022, 36, 5102-5151.	5.1	29
12	Enhancing ammonia oxidation mediated using different crystalline Mn-oxides in an anoxic environment. <i>Journal of Environmental Management</i> , 2022, 315, 115109.	7.8	6
13	Flexible, high-strength and multifunctional polyvinyl alcohol/MXene/polyaniline hydrogel enhancing skin wound healing. <i>Biomaterials Science</i> , 2022, 10, 3585-3596.	5.4	23
14	Strawberry Vein Banding Virus Movement Protein P1 Interacts With Light-Harvesting Complex II Type 1 Like of <i>Fragaria vesca</i> to Promote Viral Infection. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	2
15	Bioresourced eugenol derived phthalonitrile resin for high temperature composite. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50721.	2.6	11
16	Ecological Network Analysis for Water Pollution Metabolism in Urban Water Use System: Case Study of Fuzhou, China. <i>Water (Switzerland)</i> , 2021, 13, 834.	2.7	3
17	The Central Roles of Noncoding RNA in Estrogen-Dependent Female Reproductive System Tumors. <i>International Journal of Endocrinology</i> , 2021, 2021, 1-10.	1.5	1
18	Characterization of the Roles of SGT1/RAR1, EDS1/NDR1, NPR1, and NRC/ADR1/NRG1 in Sw-5b-Mediated Resistance to Tomato Spotted Wilt Virus. <i>Viruses</i> , 2021, 13, 1447.	3.3	11

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19	Dual Doping of Titania for Enhanced Na Storage Performance. ACS Applied Materials & Interfaces, 2021, 13, 44214-44223.	8.0	14
20	Accelerated degradation of pharmaceuticals by ferrous ion/chlorine process: Roles of Fe(IV) and reactive chlorine species. Science of the Total Environment, 2021, 787, 147584.	8.0	15
21	The metabolic patterns of the complete nitrates removal in the biofilm denitrification systems supported by polymer and water-soluble carbon sources as the electron donors. Bioresource Technology, 2021, 342, 126002.	9.6	16
22	Hierarchical Ti ₃ C ₂ T _x MXene/Ni Chain/ZnO Array Hybrid Nanostructures on Cotton Fabric for Durable Self-Cleaning and Enhanced Microwave Absorption. ACS Nano, 2020, 14, 8634-8645.	14.6	270
23	High-temperature properties and failure mechanism of 3D six-directional braided composites under out-of-plane compression. Polymer Composites, 2020, 41, 2233-2244.	4.6	6
24	Experimental Investigation on the Shear Properties and Failure Mechanism of 3D MWK Glass/Epoxy Composites under Compressive Loading. Fibers and Polymers, 2020, 21, 138-147.	2.1	8
25	The influence mechanism of temperature on solid phase denitrification based on denitrification performance, carbon balance, and microbial analysis. Science of the Total Environment, 2020, 732, 139333.	8.0	38
26	Synergistic Effects between MXenes and Ni Chains in Flexible and Ultrathin Electromagnetic Interference Shielding Films. Advanced Materials Interfaces, 2019, 6, 1900961.	3.7	74
27	High Temperature Mechanical Response and Failure Analysis of 3D Five-Directional Braided Composites with Different Braiding Angles. Materials, 2019, 12, 3506.	2.9	16
28	Eugenol-Derived Bismaleimide High Performance Resins and Composites Using Diisocyanate as Property Modifier. Macromolecular Materials and Engineering, 2019, 304, 1800713.	3.6	14
29	The multiscale enhancement of mechanical properties of 3D MWK composites via poly(oxypropylene) diamines and GO nanoparticles. Nanotechnology Reviews, 2019, 8, 587-599.	5.8	8
30	Fabrication, mechanical properties and failure mechanism of random and aligned nanofiber membrane with different parameters. Nanotechnology Reviews, 2019, 8, 218-226.	5.8	21
31	Strawberry Vein Banding Virus P6 Protein Is a Translation Trans-Activator and Its Activity Can be Suppressed by FvIF3g. Viruses, 2018, 10, 717.	3.3	9
32	Identification of Strawberry vein banding virus encoded P6 as an RNA silencing suppressor. Virology, 2018, 520, 103-110.	2.4	18
33	Research on the Increase of Power Line Communication Transmission Distance by the Introduction of an Inductor. Journal of Science and Technology in Lighting, 2018, 41, 136-142.	0.4	0
34	The Intracellular Immune Receptor Sw-5b Confers Broad-Spectrum Resistance to Tospoviruses through Recognition of a Conserved 21-Amino Acid Viral Effector Epitope. Plant Cell, 2017, 29, 2214-2232.	6.6	77
35	Enhanced flux performance of polyamide composite membranes prepared via interfacial polymerization assisted with ethyl formate. Water Science and Technology, 2017, 76, 1884-1894.	2.5	9
36	A multilayered regulatory mechanism for the autoinhibition and activation of a plant NLR resistance protein with an extra N-terminal domain. New Phytologist, 2016, 212, 161-175.	7.3	44

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37	Effect of temperature on bending properties and failure mechanism of three-dimensional multiaxial warp-knitted carbon/epoxy composites. High Performance Polymers, 2016, 28, 239-252.	1.8	6
38	Plasmodesmata targeting and intercellular trafficking of Tomato spotted wilt tospovirus movement protein NSm is independent of its function in HR induction. Journal of General Virology, 2016, 97, 1990-1997.	2.9	13
39	The ER-Membrane Transport System Is Critical for Intercellular Trafficking of the NSm Movement Protein and Tomato Spotted Wilt Tospovirus. PLoS Pathogens, 2016, 12, e1005443.	4.7	87
40	A highly durable silica/polyimide superhydrophobic nanocomposite film with excellent thermal stability and abrasion-resistant performance. Journal of Materials Chemistry A, 2015, 3, 713-718.	10.3	69
41	Prevalence of antibiotic resistance genes and their relationship with antibiotics in the Huangpu River and the drinking water sources, Shanghai, China. Science of the Total Environment, 2013, 458-460, 267-272.	8.0	299
42	Occurrence, distribution and seasonal variation of antibiotics in the Huangpu River, Shanghai, China. Chemosphere, 2011, 82, 822-828.	8.2	393
43	Spatial effect in the analysis of technological progress and energy efficiency in China — An empirical study based on a spatial econometric model. , 2011, , .		1
44	Toxicity Prediction of Antibiotics on Luminescent Bacteria, Photobacterium phosphoreum, Based on Their Quantitative Structure—Activity Relationship Models. Bulletin of Environmental Contamination and Toxicology, 2010, 85, 550-555.	2.7	26
45	Effect of manure compost on the herbicide prometryne bioavailability to wheat plants. Journal of Hazardous Materials, 2010, 184, 337-344.	12.4	35