

Lei Jiang

List of Publications by Year in descending order

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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	Occurrence, distribution and seasonal variation of antibiotics in the Huangpu River, Shanghai, China. <i>Chemosphere</i> , 2011, 82, 822-828.	8.2	393
2	Prevalence of antibiotic resistance genes and their relationship with antibiotics in the Huangpu River and the drinking water sources, Shanghai, China. <i>Science of the Total Environment</i> , 2013, 458-460, 267-272.	8.0	299
3	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. <i>ACS Nano</i> , 2020, 14, 8634-8645.	14.6	270
4	The ER-Membrane Transport System Is Critical for Intercellular Trafficking of the NSm Movement Protein and Tomato Spotted Wilt Tospovirus. <i>PLoS Pathogens</i> , 2016, 12, e1005443.	4.7	87
5	The Intracellular Immune Receptor Sw-5b Confers Broad-Spectrum Resistance to Tospoviruses through Recognition of a Conserved 21-Amino Acid Viral Effector Epitope. <i>Plant Cell</i> , 2017, 29, 2214-2232.	6.6	77
6	Synergistic Effects between MXenes and Ni Chains in Flexible and Ultrathin Electromagnetic Interference Shielding Films. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900961.	3.7	74
7	A highly durable silica/polyimide superhydrophobic nanocomposite film with excellent thermal stability and abrasion-resistant performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 713-718.	10.3	69
8	A multilayered regulatory mechanism for the autoinhibition and activation of a plant <i>CC-NB-LRR</i> resistance protein with an extra N-terminal domain. <i>New Phytologist</i> , 2016, 212, 161-175.	7.3	44
9	The influence mechanism of temperature on solid phase denitrification based on denitrification performance, carbon balance, and microbial analysis. <i>Science of the Total Environment</i> , 2020, 732, 139333.	8.0	38
10	Effect of manure compost on the herbicide prometryne bioavailability to wheat plants. <i>Journal of Hazardous Materials</i> , 2010, 184, 337-344.	12.4	35
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	Toxicity Prediction of Antibiotics on Luminescent Bacteria, <i>Photobacterium phosphoreum</i> , Based on Their Quantitative Structure-Activity Relationship Models. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 85, 550-555.	2.7	26
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	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
15	Fabrication, mechanical properties and failure mechanism of random and aligned nanofiber membrane with different parameters. <i>Nanotechnology Reviews</i> , 2019, 8, 218-226.	5.8	21
16	CoMnO 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
17	Identification of Strawberry vein banding virus encoded P6 as an RNA silencing suppressor. <i>Virology</i> , 2018, 520, 103-110.	2.4	18
18	High Temperature Mechanical Response and Failure Analysis of 3D Five-Directional Braided Composites with Different Braiding Angles. <i>Materials</i> , 2019, 12, 3506.	2.9	16

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19	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. <i>Bioresource Technology</i> , 2021, 342, 126002.	9.6	16
20	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
21	Accelerated degradation of pharmaceuticals by ferrous ion/chlorine process: Roles of Fe(IV) and reactive chlorine species. <i>Science of the Total Environment</i> , 2021, 787, 147584.	8.0	15
22	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
23	Eugenol-Derived Bismaleimide High Performance Resins and Composites Using Diisocyanate as Property Modifier. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800713.	3.6	14
24	Dual Doping of Titania for Enhanced Na Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44214-44223.	8.0	14
25	Plasmodesmata targeting and intercellular trafficking of Tomato spotted wilt tospovirus movement protein NSm is independent of its function in HR induction. <i>Journal of General Virology</i> , 2016, 97, 1990-1997.	2.9	13
26	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
27	Bio-resourced eugenol derived phthalonitrile resin for high temperature composite. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50721.	2.6	11
28	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
29	Denitrification performance and mechanism of denitrification biofilm reactor based on carbon-nitrate counter-diffusional. <i>Bioresource Technology</i> , 2022, 348, 126804.	9.6	10
30	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
31	Enhanced flux performance of polyamide composite membranes prepared via interfacial polymerization assisted with ethyl formate. <i>Water Science and Technology</i> , 2017, 76, 1884-1894.	2.5	9
32	Strawberry Vein Banding Virus P6 Protein Is a Translation Trans-Activator and Its Activity Can be Suppressed by FvELF3g. <i>Viruses</i> , 2018, 10, 717.	3.3	9
33	The multiscale enhancement of mechanical properties of 3D MWK composites via poly(oxypropylene) diamines and GO nanoparticles. <i>Nanotechnology Reviews</i> , 2019, 8, 587-599.	5.8	8
34	Experimental Investigation on the Shear Properties and Failure Mechanism of 3D MWK Glass/Epoxy Composites under Compressive Loading. <i>Fibers and Polymers</i> , 2020, 21, 138-147.	2.1	8
35	Effect of temperature on bending properties and failure mechanism of three-dimensional multi-axial warp-knitted carbon/epoxy composites. <i>High Performance Polymers</i> , 2016, 28, 239-252.	1.8	6
36	High-temperature properties and failure mechanism of 3D six-directional braided composites under out-of-plane compression. <i>Polymer Composites</i> , 2020, 41, 2233-2244.	4.6	6

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37	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
38	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
39	Superlyophilic Interfaces Assisted Thermal Management. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 643-652.	2.6	3
40	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
41	Spatial effect in the analysis of technological progress and energy efficiency in China — An empirical study based on a spatial econometric model. , 2011, , .		1
42	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
43	Research on the Increase of Power Line Communication Transmission Distance by the Introduction of an Inductor. <i>Journal of Science and Technology in Lighting</i> , 2018, 41, 136-142.	0.4	0
44	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
45	Strawberry vein banding virus-based vector for transient overexpression in strawberry plants. <i>Phytopathology Research</i> , 2022, 4, .	2.4	0