

Fan Li

List of Publications by Year in descending order

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52
papers

1,735
citations

361045

20
h-index

276539

41
g-index

52
all docs

52
docs citations

52
times ranked

2196
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced photocatalytic efficiency by direct photoexcited electron transfer from pollutants adsorbed on the surface valence band of BiOBr modified with graphitized C. <i>Journal of Hazardous Materials</i> , 2022, 424, 127502.	6.5	22
2	Natural killer cell dysfunction in cancer and new strategies to utilize NK cell potential for cancer immunotherapy. <i>Molecular Immunology</i> , 2022, 144, 58-70.	1.0	23
3	Boosting the Extra Generation of Superoxide Radicals on Graphitic Carbon Nitride with Carbon Vacancies by the Modification of Pollutant Adsorption for High-Performance Photocatalytic Degradation. <i>ACS ES&T Engineering</i> , 2022, 2, 1296-1305.	3.7	8
4	Degradation of diclofenac in a photosensitization-like photocatalysis process using palladium quantum dots deposited graphite carbon nitride under solar light. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107545.	3.3	3
5	Concentrate and degrade PFOA with a photo-regenerable composite of In-doped TNTs@AC. <i>Chemosphere</i> , 2022, 300, 134495.	4.2	13
6	Origin of the Excellent Activity and Selectivity of a Single-Atom Copper Catalyst with Unsaturated Cu-N ₂ Sites via Peroxydisulfate Activation: Cu(III) as a Dominant Oxidizing Species. <i>Environmental Science & Technology</i> , 2022, 56, 8765-8775.	4.6	77
7	Three-dimensional radiological anatomy of condyle trabecular bone based on a Volume-of-Interest analysis. <i>Dentomaxillofacial Radiology</i> , 2022, 51, .	1.3	0
8	Ferric oxide nanoclusters with low-spin FeIII anchored g-C ₃ N ₄ rod for boosting photocatalytic activity and degradation of diclofenac in water under solar light. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121725.	10.8	35
9	Anti-inflammatory effects of Platycodin D on dextran sulfate sodium (DSS) induced colitis and E. coli Lipopolysaccharide (LPS) induced inflammation. <i>International Immunopharmacology</i> , 2021, 94, 107474.	1.7	29
10	Chitosan/alginate/hyaluronic acid polyelectrolyte composite sponges crosslinked with genipin for wound dressing application. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 512-523.	3.6	56
11	Cation- π induced surface cleavage of organic pollutants with \cdot OH formation from H ₂ O for water treatment. <i>IScience</i> , 2021, 24, 102874.	1.9	20
12	Liquid-phase deposition functionalized wood sponges for oil/water separation. <i>Journal of Materials Science</i> , 2021, 56, 19075-19092.	1.7	10
13	Adsorption and solid-phase photocatalytic degradation of perfluorooctane sulfonate in water using gallium-doped carbon-modified titanate nanotubes. <i>Chemical Engineering Journal</i> , 2021, 421, 129676.	6.6	43
14	A "Concentrate-& Destroy"™ technology for enhanced removal and destruction of per- and polyfluoroalkyl substances in municipal landfill leachate. <i>Science of the Total Environment</i> , 2021, 791, 148124.	3.9	21
15	Janus silver/ternary silver halide nanostructures as plasmonic photocatalysts boost the conversion of CO ₂ to acetaldehyde. <i>Nanoscale</i> , 2021, 13, 20289-20298.	2.8	5
16	Optimized biosynthesis of santalenes and santalols in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8795-8804.	1.7	7
17	A novel stacked patch antenna with dual band and diverse pattern characteristics. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 453-465.	0.9	2
18	Short-chain per- and polyfluoroalkyl substances in aquatic systems: Occurrence, impacts and treatment. <i>Chemical Engineering Journal</i> , 2020, 380, 122506.	6.6	285

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19	Enhanced Effect of Negative Differential Thermal Resistance in Nanoscale Confined Structure with Nanopatterned Surfaces. <i>Journal of Physical Chemistry C</i> , 2020, 124, 92-98.	1.5	6
20	A concentrate-and-destroy technique for degradation of perfluorooctanoic acid in water using a new adsorptive photocatalyst. <i>Water Research</i> , 2020, 185, 116219.	5.3	87
21	Ice Crystallization in Shear Flows. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21042-21049.	1.5	9
22	Transcriptome profiling and phytohormone responses of <i>Arabidopsis</i> roots to different ambient temperatures. <i>Journal of Plant Interactions</i> , 2019, 14, 314-323.	1.0	5
23	Negative differential thermal resistance through nanoscale solid-liquid-solid sandwiched structures. <i>Nanoscale</i> , 2019, 11, 13051-13057.	2.8	16
24	Segmental Janus nanoparticles of polymer composites. <i>Chemical Communications</i> , 2019, 55, 8114-8117.	2.2	13
25	Identification of unique key genes and miRNAs in latent tuberculosis infection by network analysis. <i>Molecular Immunology</i> , 2019, 112, 103-114.	1.0	15
26	Design of intelligent control system for networkable stereo garage based on microprocessor. <i>Journal of Engineering</i> , 2019, 2019, 618-622.	0.6	4
27	Research and design of cloud monitoring and management system for intelligent stereo garage. <i>Journal of Engineering</i> , 2019, 2019, 8335-8338.	0.6	4
28	Enzymatic modification of jute fabrics for enhancing the reinforcement in jute/PP composites. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 483-499.	2.6	17
29	Hydrothermal synthesis of graphene grafted titania/titanate nanosheets for photocatalytic degradation of 4-chlorophenol: Solar-light-driven photocatalytic activity and computational chemistry analysis. <i>Chemical Engineering Journal</i> , 2018, 331, 685-694.	6.6	75
30	A Wideband Dual-Band Magneto-Electric Dipole Antenna with Modified Feed Structure. , 2018, , .		0
31	Polymerization of dopamine catalyzed by laccase: Comparison of enzymatic and conventional methods. <i>Enzyme and Microbial Technology</i> , 2018, 119, 58-64.	1.6	33
32	Alzheimer's Disease and Rheumatoid Arthritis: A Mendelian Randomization Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 627.	1.4	17
33	The understanding of circular RNAs as special triggers in carcinogenesis. <i>Briefings in Functional Genomics</i> , 2017, 16, elw001.	1.3	45
34	Natural organic matter resistant powder activated charcoal supported titanate nanotubes for adsorption of Pb(II). <i>Chemical Engineering Journal</i> , 2017, 315, 191-200.	6.6	63
35	Behavioral improvements in a valproic acid rat model of autism following vitamin D supplementation. <i>Psychiatry Research</i> , 2017, 253, 28-32.	1.7	29
36	Nanoscale zero-valent iron/persulfate enhanced upflow anaerobic sludge blanket reactor for dye removal: Insight into microbial metabolism and microbial community. <i>Scientific Reports</i> , 2017, 7, 44626.	1.6	18

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37	Hydrogen titanate nanosheets with both adsorptive and photocatalytic properties used for organic dyes removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 516, 211-218.	2.3	32
38	Crystal structure of <i>Pseudomonas aeruginosa</i> RsaL bound to promoter DNA reaffirms its role as a global regulator involved in quorum-sensing. <i>Nucleic Acids Research</i> , 2017, 45, 699-710.	6.5	34
39	Molecular characterization of Ambler class A to D β -lactamases, IS _{Aba1} , and integrons reveals multidrug-resistant <i>Acinetobacter</i> spp. isolates in northeastern China. <i>Journal of Chemotherapy</i> , 2016, 28, 469-475.	0.7	3
40	High-Capacity and Photoregenerable Composite Material for Efficient Adsorption and Degradation of Phenanthrene in Water. <i>Environmental Science & Technology</i> , 2016, 50, 11174-11183.	4.6	79
41	Simultaneous removal of Cr(VI) and 4-chlorophenol through photocatalysis by a novel anatase/titanate nanosheet composite: Synergetic promotion effect and autosynchronous doping. <i>Journal of Hazardous Materials</i> , 2016, 317, 385-393.	6.5	92
42	Transcription Factors and microRNA-Co-Regulated Genes in Gastric Cancer Invasion in Ex Vivo. <i>PLoS ONE</i> , 2015, 10, e0122882.	1.1	16
43	A novel electrocardiogram parameterization algorithm and its application in myocardial infarction detection. <i>Computers in Biology and Medicine</i> , 2015, 61, 178-184.	3.9	102
44	Comparative efficacy and acceptability of five anti-tubercular drugs in treatment of multidrug resistant tuberculosis: a network meta-analysis. <i>Journal of Clinical Bioinformatics</i> , 2015, 5, 5.	1.2	3
45	Gene expression profile based classification models of psoriasis. <i>Genomics</i> , 2014, 103, 48-55.	1.3	102
46	Altered Expression of Hypoxia-Inducible Factor-1 α (HIF-1 α) and Its Regulatory Genes in Gastric Cancer Tissues. <i>PLoS ONE</i> , 2014, 9, e99835.	1.1	59
47	Notice of Retraction: A Large Icefish Population Model for Ecological Risk Assessment in Northern China Waters. , 2011, , .		0
48	Preparation and Recognition Mechanism of Gallic Acid Imprinted Polymers. <i>Helvetica Chimica Acta</i> , 2009, 92, 78-87.	1.0	14
49	Self-assembly of highly luminescent bi-1,3,4-oxadiazole derivatives through electron donor-acceptor interactions in three-dimensional crystals, two-dimensional layers and mesophases. <i>Journal of Materials Chemistry</i> , 2008, 18, 3954.	6.7	56
50	Synthesis and liquid crystalline properties of hydrazide derivatives: hydrogen bonding, molecular dipole, and smectic structures. <i>Liquid Crystals</i> , 2008, 35, 333-338.	0.9	8
51	Non-symmetric liquid crystal dimers containing the 4-nitrobenzohydrazide group: synthesis and mesomorphic behaviour. <i>Liquid Crystals</i> , 2008, 35, 793-798.	0.9	18
52	Laminar shear stress alleviates monocyte adhesion and atherosclerosis development via miR-29b-3p/CX3CL1 axis regulation. <i>Journal of Cell Science</i> , 0, , .	1.2	2