

Fei Li

List of Publications by Year in descending order

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papers

2,235
citations

218381

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86
docs citations

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times ranked

2556
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic liquid-decorated COF and its covalent composite aerogel for selective CO ₂ adsorption and catalytic conversion. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4689-4698.	5.2	152
2	Preparation of rice straw-derived biochar for efficient cadmium removal by modification of oxygen-containing functional groups. <i>Science of the Total Environment</i> , 2018, 631-632, 795-802.	3.9	122
3	Integrating hierarchical bioavailability and population distribution into potential eco-risk assessment of heavy metals in road dust: A case study in Xiandao District, Changsha city, China. <i>Science of the Total Environment</i> , 2016, 541, 969-976.	3.9	121
4	Nucleic acid-selective light-up fluorescent biosensors for ratiometric two-photon imaging of the viscosity of live cells and tissues. <i>Chemical Science</i> , 2016, 7, 2257-2263.	3.7	96
5	An integrated model for assessing heavy metal exposure risk to migratory birds in wetland ecosystem: A case study in Dongting Lake Wetland, China. <i>Chemosphere</i> , 2015, 135, 14-19.	4.2	93
6	Amino modification of rice straw-derived biochar for enhancing its cadmium (II) ions adsorption from water. <i>Journal of Hazardous Materials</i> , 2019, 379, 120783.	6.5	86
7	Chemically Cross-Linked MOF Membrane Generated from Imidazolium-Based Ionic Liquid-Decorated UiO-66 Type NMOF and Its Application toward CO ₂ Separation and Conversion. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38919-38930.	4.0	83
8	Pd NP-Loaded and Covalently Cross-Linked COF Membrane Microreactor for Aqueous CBs Dechlorination at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20448-20457.	4.0	70
9	Chemosensory Gene Families in Adult Antennae of <i>Anomala corpulenta</i> Motschulsky (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlo 1.1 66		
10	Synthesis of [60]Fullerene-Fused Sultones via Sulfonic Acid Group-Directed C-H Bond Activation. <i>Organic Letters</i> , 2012, 14, 2176-2179.	2.4	64
11	Genome-wide identification and characterization of the SBP-box gene family in <i>Petunia</i> . <i>BMC Genomics</i> , 2018, 19, 193.	1.2	64
12	Pd loaded and covalent-organic framework involved chitosan aerogels and their application for a continuous flow-through aqueous CB decontamination. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11140-11146.	5.2	64
13	Identification and Characterization of Candidate Chemosensory Gene Families from <i>Spodoptera exigua</i> Developmental Transcriptomes. <i>International Journal of Biological Sciences</i> , 2015, 11, 1036-1048.	2.6	62
14	Synergistic Antibacterial and Anti-inflammatory Effects of a Drug-Loaded Self-Standing Porphyrin-COF Membrane for Efficient Skin Wound Healing. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001821.	3.9	59
15	Spin-order dependent anomalous Hall effect and magnetotransport effect in the noncollinear antiferromagnets Mn_3X with $X = N, Zn, Ag, \text{ or } Ni$. <i>Physical Review B</i> , 2019, 99, 115407.	1.1	55
16	Atlantic Multidecadal Oscillation Modulates the Impacts of Arctic Sea Ice Decline. <i>Geophysical Research Letters</i> , 2018, 45, 2497-2506.	1.5	48
17	A Series of Zn(II) Terpyridine-Based Nitrate Complexes as Two-Photon Fluorescent Probe for Identifying Apoptotic and Living Cells via Subcellular Immigration. <i>Inorganic Chemistry</i> , 2018, 57, 7676-7683.	1.9	47
18	Identification of novel odorant binding protein genes and functional characterization of OBP8 in <i>Chilo suppressalis</i> (Walker). <i>Gene</i> , 2016, 591, 425-432.	1.0	46

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19	Palladium-catalyzed synthesis of [60]fullerene-fused benzofurans via heteroannulation of phenols. <i>Chemical Communications</i> , 2017, 53, 1852-1855.	2.2	45
20	Subseasonal Reversal of East Asian Surface Temperature Variability in Winter 2014/15. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 737-752.	1.9	36
21	Impact of northern Eurasian snow cover in autumn on the warm Arctic "cold Eurasia" pattern during the following January and its linkage to stationary planetary waves. <i>Climate Dynamics</i> , 2018, 50, 1993-2006.	1.7	36
22	Core-Shell-Structured Covalent Organic Framework as a Nanoagent for Single-Laser-Induced Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17243-17254.	4.0	34
23	Development of Axially Chiral Styrene-Type Carboxylic Acid Ligands via Palladium-Catalyzed Asymmetric C-H Alkynylation. <i>Organic Letters</i> , 2021, 23, 8132-8137.	2.4	34
24	Genetic and Epigenetic Changes in Somatic Hybrid Introgression Lines Between Wheat and Tall Wheatgrass. <i>Genetics</i> , 2015, 199, 1035-1045.	1.2	33
25	Strengthened linkage between midlatitudes and Arctic in boreal winter. <i>Climate Dynamics</i> , 2019, 53, 3971-3983.	1.7	33
26	Integrated Source Apportionment, Screening Risk Assessment, and Risk Mapping of Heavy Metals in Surface Sediments: A Case Study of the Dongting Lake, Middle China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014, 20, 1213-1230.	1.7	28
27	KO ⁺ -Mediated, Three-Component Coupling Reaction of Indoles, [60]Fullerene, and Haloalkanes: One-Pot, Transition-Metal-Free Synthesis of Various 1,4-(3-Indole)(organo)[60]fullerenes. <i>Organic Letters</i> , 2017, 19, 1192-1195.	2.4	28
28	Fe ₃ O ₄ /Porphyrin Covalent Organic Framework Core-Shell Nanospheres as Interfacial Catalysts for Enzymatic Esterification. <i>ACS Applied Nano Materials</i> , 2020, 3, 10360-10368.	2.4	25
29	Synthesis of Chiral Covalent Organic Frameworks via Asymmetric Organocatalysis for Heterogeneous Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115044.	7.2	24
30	A Fluorescence Sensor for Lead (II) Ions Determination Based on Label-Free Gold Nanoparticles (GNPs)-DNAzyme Using Time-Gated Mode in Aqueous Solution. <i>Journal of Fluorescence</i> , 2017, 27, 643-649.	1.3	23
31	Transplantation of in vitro cultured endothelial progenitor cells repairs the blood-brain barrier and improves cognitive function of APP/PS1 transgenic AD mice. <i>Journal of the Neurological Sciences</i> , 2018, 387, 6-15.	0.3	23
32	Electroreductive Transformation of [60]Fullerosultones into Fullerosulfonic Acids. <i>Journal of Organic Chemistry</i> , 2013, 78, 7093-7099.	1.7	20
33	Mapping Plastic-Mulched Farmland with C-Band Full Polarization SAR Remote Sensing Data. <i>Remote Sensing</i> , 2017, 9, 1264.	1.8	20
34	KO ⁺ -Mediated Coupling of Indoles and [60]Fullerene: Transition-Metal-Free and General Synthesis of 1,2-(3-Indole)(hydro)[60]fullerenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 10605-10610.	1.7	18
35	Synthesis of covalent organic frameworks via Kabachnik-Fields reaction for water treatment. <i>Journal of Hazardous Materials</i> , 2022, 433, 128831.	6.5	18
36	An "Umpolung Relay" Strategy: One-Pot, Twice Polarity Inversion Cascade Synthesis of Diversified [60]Fulleroindoles. <i>Organic Letters</i> , 2021, 23, 1302-1308.	2.4	17

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37	Separation and determination of ephedrine and pseudoephedrine in <i>Ephedrae Herba</i> by CZE modified with a Cu(II)-lysine complex. <i>Electrophoresis</i> , 2008, 29, 658-664.	1.3	15
38	Palladium-Catalyzed Synthesis of Aromatic Sulfones via Sulfonic Acid Group-Directed C-H Activation. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2041-2046.	2.6	15
39	Flexible cellulose acetate nano-felts absorbed with capric-myristic-stearic acid ternary eutectic mixture as form-stable phase-change materials for thermal energy storage/retrieval. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 661-673.	2.0	15
40	Impact of late spring Siberian snow on summer rainfall in South-Central China. <i>Climate Dynamics</i> , 2020, 54, 3803-3818.	1.7	15
41	Micellar-enhanced ultrafiltration for the solubilization of various phenolic compounds with different surfactants. <i>Water Science and Technology</i> , 2015, 72, 623-631.	1.2	14
42	Adsorption and reduction reactions of anthraquinone derivatives on gold electrodes studied with electrochemical surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1367-1373.	1.2	13
43	Dynamic Thermosensitive Solid-State Photoluminescent Carbonized Polymer Dots as Temperature-Responsive Switches for Sensor Applications. <i>ACS Applied Nano Materials</i> , 2020, 3, 10560-10564.	2.4	13
44	Functional inhibition of urea transporter UT-B enhances endothelial-dependent vasodilatation and lowers blood pressure via L-arginine-endothelial nitric oxide synthase-nitric oxide pathway. <i>Scientific Reports</i> , 2016, 6, 18697.	1.6	12
45	Deep neural model with self-training for scientific keyphrase extraction. <i>PLoS ONE</i> , 2020, 15, e0232547.	1.1	12
46	Red-emitting fluorogenic BODIPY-tetrazine probes for biological imaging. <i>Chemical Communications</i> , 2021, 58, 298-301.	2.2	12
47	A Highly Enantioselective Access to Chiral 1-(Arylalkyl)-1,2,4-triazole Derivatives as Potential Agricultural Bactericides. <i>Chemistry and Biodiversity</i> , 2011, 8, 1497-1511.	1.0	11
48	KO ^t Bu-Promoted C4 Selective Coupling Reaction of Phenols and [60]Fullerene: One-Pot Synthesis of 4-[60]Fullerophenols under Transition-Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2018, 83, 5431-5437.	1.7	11
49	Verification and Improvement of the Ability of CFSv2 to Predict the Antarctic Oscillation in Boreal Spring. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 292-302.	1.9	11
50	Genome-Wide Identification, Characterization and Expression Analysis of TCP Transcription Factors in <i>Petunia</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6594.	1.8	11
51	LIDREB1G, a novel DREB subfamily gene from <i>Lilium longiflorum</i> , can enhance transgenic <i>Arabidopsis</i> tolerance to multiple abiotic stresses. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 489-506.	1.2	10
52	Multifield-tunable magneto-optical effects in electron- and hole-doped nitrogen-graphene crystals. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3360-3368.	2.7	10
53	Recent intensified impact of December Arctic Oscillation on subsequent January temperature in Eurasia and North Africa. <i>Climate Dynamics</i> , 2019, 52, 1077-1094.	1.7	9
54	Potassium salt promoted regioselective three-component coupling synthesis of 1,4-asymmetrical [60]fullerene bisadducts with superior electron transport properties. <i>Chemical Communications</i> , 2020, 56, 9513-9516.	2.2	9

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55	Combination of a Metal-N-Heterocyclic-Carbene Catalyst and a Chiral Aminocatalyst within a Covalent Organic Framework: a Powerful Cooperative Approach for Relay Asymmetric Catalysis. <i>Inorganic Chemistry</i> , 2022, 61, 2455-2462.	1.9	9
56	Genome-wide identification and characterization of the ALOG gene family in <i>Petunia</i> . <i>BMC Plant Biology</i> , 2019, 19, 600.	1.6	8
57	Effects of supplementation of nonforage fiber source in diets with different starch levels on growth performance, rumen fermentation, nutrient digestion, and microbial flora of Hu lambs. <i>Translational Animal Science</i> , 2021, 5, txab065.	0.4	8
58	One-pot, three-component regioselective coupling reaction of triphenylamine/carbazole derivatives with [60]fullerene and indoles via an Cu^{I} -catalyzed relay strategy. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5994-5999.	2.3	8
59	Characterization of a novel type of HMW subunit of glutenin from <i>Australopyrum retrofractum</i> . <i>Gene</i> , 2012, 492, 65-70.	1.0	7
60	<i>Bacillus amyloliquefaciens</i> PDR1 from root of karst adaptive plant enhances <i>Arabidopsis thaliana</i> resistance to alkaline stress through modulation of plasma membrane H ⁺ -ATPase activity. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 472-482.	2.8	7
61	Subseasonal prediction of winter precipitation in southern China using the early November snowpack over the Urals. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 534-541.	0.5	7
62	Analysis and Validation of Ultrasonic Probes in Liquid Level Monitoring Systems. <i>Sensors</i> , 2021, 21, 1320.	2.1	7
63	PREPARATION OF Bi ₂ O ₃ -DOPED NiO/YSZ ANODE MATERIALS FOR SOFCs. <i>Surface Review and Letters</i> , 2017, 24, 1750092.	0.5	6
64	Changes in the Fermentation and Bacterial Community by Artificial Saliva pH in RUSITEC System. <i>Frontiers in Nutrition</i> , 2021, 8, 760316.	1.6	6
65	Reduced Expression of CbUFO Is Associated with the Phenotype of a Flower-Defective <i>Cosmos bipinnatus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 2503.	1.8	5
66	Design and Reliability Analysis of a Novel Redundancy Topology Architecture. <i>Sensors</i> , 2022, 22, 2582.	2.1	5
67	Synthesis of Chiral Covalent Organic Frameworks via Asymmetric Organocatalysis for Heterogeneous Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
68	Convenient Access to β -Substituted Chiral Phenones. <i>Helvetica Chimica Acta</i> , 2009, 92, 1007-1013.	1.0	4
69	Measurement and Analysis of the Reviews in Airbnb. , 2018, , .		4
70	The Destruction of the Anaerobic Environment Caused by Rumen Fistula Surgery Leads to Differences in the Rumen Microbial Diversity and Function of Sheep. <i>Frontiers in Veterinary Science</i> , 2021, 8, 754195.	0.9	4
71	Effects of Dietary Barley Starch Contents on the Performance, Nutrient Digestion, Rumen Fermentation, and Bacterial Community of Fattening Hu Sheep. <i>Frontiers in Nutrition</i> , 2021, 8, 797801.	1.6	4
72	Reduced Graphene Oxide/Poly(2-Aminopyridine) Modified Molecularly Imprinted Glassy Carbon Electrode (GCE) for the Determination of Kanamycin in Milk and Pork by Differential Pulse Voltammetry (DPV). <i>Analytical Letters</i> , 0, , 1-13.	1.0	3

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73	Implementing a Canadian shared-care ADHD program in Beijing: Barriers and facilitators to consider prior to start-up. <i>BMC Psychiatry</i> , 2022, 22, 321.	1.1	3
74	Transition-Metal-Free Domino Reaction of [60]Fullerene, Indole, and DMSO/HCl: One-Pot Access to Diverse N-Substituted [60]Fulleroindole Derivatives. <i>Journal of Organic Chemistry</i> , 2022, 87, 7945-7954.	1.7	3
75	On Solution and Application of GPS/Gravity Boundary Value Problem. <i>Chinese Journal of Geophysics</i> , 2003, 46, 851-858.	0.2	2
76	A series of Cd ^{II} X ₂ (X=Cl, Br, I) complexes with D-A model and their third-order nonlinear optical properties with a femtosecond laser in the near IR region. <i>Journal of Coordination Chemistry</i> , 2017, 70, 960-972.	0.8	2
77	Mesoporous maltose/calcium oxalate hybrid material with abundant reaction sites and its efficient Pb(II) removal from diverse water bodies. <i>New Journal of Chemistry</i> , 2022, 46, 8566-8574.	1.4	2
78	Analyzing the haracter of Lunar Gravity Field by LP165P Model and Its Effect on Lunar Satellite Orbit. <i>Chinese Journal of Geophysics</i> , 2006, 49, 348-355.	0.2	1
79	Investigation on Reaction Interface between the Aluminum and K ₂ ZrF ₆ by Freezing the Molten Salt Reaction. <i>Acta Metallurgica Sinica (English Letters)</i> , 2017, 30, 433-437.	1.5	1
80	Influence of December snow cover over North America on January surface air temperature over the midlatitude Asia. <i>International Journal of Climatology</i> , 2020, 40, 572-584.	1.5	1
81	Supplementation of <i>Aspergillus oryzae</i> Culture Improved the Feed Dry Matter Digestibility and the Energy Supply of Total Volatile Fatty Acid Concentrations in the Rumen of Hu Sheep. <i>Frontiers in Nutrition</i> , 2022, 9, 847156.	1.6	1
82	Simulation of the Lunar Gravity Field Recovery Based on Lunar Solo and BiOrbiters. <i>Chinese Journal of Geophysics</i> , 2007, 50, 399-403.	0.2	0
83	Synthesis, nonlinear optical properties and cellular imaging of hybrid ZnS nanoparticles capped with conjugated terpyridine derivatives. <i>Journal of Materials Science</i> , 2018, 53, 1791-1800.	1.7	0
84	Innentitelbild: Synthesis of Chiral Covalent Organic Frameworks via Asymmetric Organocatalysis for Heterogeneous Asymmetric Catalysis (<i>Angew. Chem.</i> 25/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0