

He Li

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,683
citations

279798

23
h-index

289244

40
g-index

48
all docs

48
docs citations

48
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of nanostructured transition metal sulfides as anodes for lithium ion batteries. <i>Journal of Energy Chemistry</i> , 2018, 27, 1536-1554.	12.9	212
2	One-Dimensional Cu ₂ S Nanorods as the Cathode Material for High-Performance Aluminum-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17942-17949.	8.0	111
3	CuS Microspheres as High-Performance Anode Material for Na-ion Batteries. <i>Electrochimica Acta</i> , 2017, 247, 851-859.	5.2	102
4	Realizing high reversible capacity: 3D intertwined CNTs inherently conductive network for CuS as an anode for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2018, 332, 49-56.	12.7	99
5	Investigation of the Reversible Intercalation/Deintercalation of Al into the Novel Li ₃ VO ₄ @C Microsphere Composite Cathode Material for Aluminum-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28486-28494.	8.0	98
6	Microwave-assisted Synthesis of CuS/Graphene Composite for Enhanced Lithium Storage Properties. <i>Electrochimica Acta</i> , 2017, 225, 443-451.	5.2	89
7	Nitrogen and oxygen dual-doped hollow carbon nanospheres derived from catechol/polyamine as sulfur hosts for advanced lithium sulfur batteries. <i>Carbon</i> , 2017, 124, 23-33.	10.3	79
8	Highly ordered metal ion imprinted mesoporous silica particles exhibiting specific recognition and fast adsorption kinetics. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7147.	10.3	55
9	Directly Coating a Multifunctional Interlayer on the Cathode via Electrospinning for Advanced Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29804-29811.	8.0	55
10	Preparation of monodispersed sulfur nanoparticles-partly reduced graphene oxide-polydopamine composite for superior performance lithium-sulfur battery. <i>Carbon</i> , 2017, 114, 8-14.	10.3	53
11	Diterpenoid lead stevioside and its hydrolysis products steviol and isosteviol: Biological activity and structural modification. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 885-906.	5.5	48
12	Investigation of the Na Storage Property of One-Dimensional Cu ₂ S Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13491-13498.	8.0	45
13	The identification of molecular target of (20S) ginsenoside Rh2 for its anti-cancer activity. <i>Scientific Reports</i> , 2017, 7, 12408.	3.3	44
14	Facile Synthesis of Rod-like Cu ₂ S and Insight into its Improved Lithium Storage Property. <i>ChemSusChem</i> , 2017, 10, 2235-2241.	6.8	43
15	High sulfur-containing carbon polysulfide polymer as a novel cathode material for lithium-sulfur battery. <i>Scientific Reports</i> , 2017, 7, 11386.	3.3	43
16	High sulfur loading lithium-sulfur batteries based on a upper current collector electrode with lithium-ion conductive polymers. <i>Journal of Materials Chemistry A</i> , 2017, 5, 97-101.	10.3	41
17	Scutellarin derivatives as apoptosis inducers: Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 270-281.	5.5	38
18	Assessing the moisture migration during microwave drying of coal using low-field nuclear magnetic resonance. <i>Drying Technology</i> , 2018, 36, 567-577.	3.1	31

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19	A Critical Evaluation of the Effect of Electrode Thickness and Side Reactions on Electrolytes for Aluminum-Sulfur Batteries. <i>ChemSusChem</i> , 2020, 13, 3514-3523.	6.8	31
20	Self-templating thermolysis synthesis of Cu ₂ -xS@M (M = C, TiO ₂ , MoS ₂) hollow spheres and their application in rechargeable lithium batteries. <i>Nano Research</i> , 2018, 11, 831-844.	10.4	30
21	Physical confinement and chemical adsorption of porous C/CNT micro/nano-spheres for CoS and Co ₉ S ₈ as advanced lithium batteries anodes. <i>Electrochimica Acta</i> , 2019, 299, 489-499.	5.2	29
22	The Synthesis of Polymeric Nanospheres and the Application as High-Temperature Nano-Plugging Agent in Water Based Drilling Fluid. <i>Frontiers in Chemistry</i> , 2020, 8, 247.	3.6	29
23	Development of surface imprinted core-shell nanoparticles and their application in a solid-phase dispersion extraction matrix for methyl parathion. <i>Journal of Chromatography A</i> , 2014, 1336, 59-66.	3.7	25
24	Construction of Plasmonic Core-Satellite Nanostructures on Substrates Based on DNA-Directed Self-Assembly as a Sensitive and Reproducible Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27131-27139.	8.0	23
25	Modified Biosurfactant Cationic Alkyl Polyglycoside as an Effective Additive for Inhibition of Highly Reactive Shale. <i>Energy & Fuels</i> , 2020, 34, 1680-1687.	5.1	21
26	Preparation of One-dimensional Bamboo-like Cu ₂ -xS@C Nanorods with Enhanced Lithium Storage Properties. <i>Electrochimica Acta</i> , 2017, 247, 271-280.	5.2	19
27	Test-Data Generation Guided by Static Defect Detection. <i>Journal of Computer Science and Technology</i> , 2009, 24, 284-293.	1.5	18
28	Kinsenoside and polysaccharide production by rhizome culture of <i>Anoectochilus roxburghii</i> in continuous immersion bioreactor systems. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 527-535.	2.3	15
29	Lasiokaurin derivatives: synthesis, antimicrobial and antitumor biological evaluation, and apoptosis-inducing effects. <i>Archives of Pharmacal Research</i> , 2017, 40, 796-806.	6.3	14
30	An artificial receptor fabricated by target recognition determinant imprinting for selective capture of Î±-amanitin. <i>Journal of Chromatography A</i> , 2014, 1324, 190-197.	3.7	13
31	Optimal Energy Management Strategy for an Islanded Microgrid with Hybrid Energy Storage. <i>Journal of Electrical Engineering and Technology</i> , 2021, 16, 1313-1325.	2.0	13
32	Facilitating Charge Reactions in Al-S Batteries with Redox Mediators. <i>ChemSusChem</i> , 2021, 14, 3139-3146.	6.8	12
33	Effect of several physicochemical factors on callus biomass and bioactive compound accumulation of <i>R. sachalinensis</i> bioreactor culture. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 241-250.	2.1	11
34	Practical Fixed-Time Consensus Tracking for Multiple Euler-Lagrange Systems With Stochastic Packet Losses and Input/Output Constraints. <i>IEEE Systems Journal</i> , 2022, 16, 6185-6196.	4.6	11
35	Specific Interaction With Human Serum Albumin Reduces Ginsenoside Cytotoxicity in Human Umbilical Vein Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 498.	3.5	10
36	Ultrafast One-Pot Air Atmospheric Solution Combustion Approach To Fabricate Mesoporous Metal Sulfide/Carbon Composites with Enhanced Lithium Storage Properties. <i>ACS Applied Energy Materials</i> , 2018, 1, 6190-6197.	5.1	9

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37	Towards understanding aluminum sulfur batteries with imidazolium-based electrolytes: A phenomenological model. <i>Journal of Power Sources</i> , 2022, 529, 231254.	7.8	9
38	Identification of miRNA-mRNA Regulatory Modules Involved in Lipid Metabolism and Seed Development in a Woody Oil Tree (<i>Camellia oleifera</i>). <i>Cells</i> , 2022, 11, 71.	4.1	9
39	A biting-down approach to hierarchical decomposition of object-oriented systems based on structure analysis. <i>Journal of Software: Evolution and Process</i> , 2010, 22, 567-596.	1.1	8
40	Small RNA profiling for identification of microRNAs involved in regulation of seed development and lipid biosynthesis in yellowhorn. <i>BMC Plant Biology</i> , 2021, 21, 464.	3.6	8
41	Operando characterization of active surface area and passivation effects on sulfur-carbon composites for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2022, 403, 139572.	5.2	7
42	The construction of high sulfur content spherical sulfur-carbon nanotube-polyethylene glycol-nickel nitrate hydroxide composites for lithium sulfur battery. <i>Journal of Alloys and Compounds</i> , 2017, 729, 331-337.	5.5	6
43	Deposition pattern, effect on nitrogen removal and component analysis of deposited sludge in a carousel oxidation ditch. <i>Desalination and Water Treatment</i> , 2014, 52, 6079-6087.	1.0	4
44	Quantitative proteomic analysis of <i>Xanthoceras sorbifolium</i> Bunge seedlings in response to drought and heat stress. <i>Plant Physiology and Biochemistry</i> , 2021, 160, 8-17.	5.8	4
45	Identification of a telomeric DNA-binding protein in <i>Eimeria tenella</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 599-602.	2.1	3
46	Nontargeted metabolomic and multigene expression analyses reveal the mechanism of oil biosynthesis in sea buckthorn berry pulp rich in palmitoleic acid. <i>Food Chemistry</i> , 2022, 374, 131719.	8.2	3
47	Impact of Compression on the Electrochemical Performance of the Sulfur/Carbon Composite Electrode in Lithium-Sulfur Batteries. <i>Batteries and Supercaps</i> , 2022, 5, .	4.7	3
48	Corrections to "Practical Fixed-Time Consensus Tracking for Multiple Euler-Lagrange Systems With Stochastic Packet Losses and Input/Output Constraints" [2021 DOI: 10.1109/JSYST.2021.3112720]. <i>IEEE Systems Journal</i> , 2022, 16, 1709-1709.	4.6	0