

Fei Yuan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

237
citations

9
h-index

14
g-index

31
ext. papers

458
ext. citations

7.4
avg, IF

3.63
L-index

#	Paper	IF	Citations
28	Amorphous carbon/graphite coupled polyhedral microframe with fast electronic channel and enhanced ion storage for potassium ion batteries. <i>Energy Storage Materials</i> , 2021 , 38, 329-337	19.4	38
27	Rational formation of solid electrolyte interface for high-rate potassium ion batteries. <i>Nano Energy</i> , 2020 , 75, 104979	17.1	36
26	A carbon microtube array with a multihole cross profile: releasing the stress and boosting long-cycling and high-rate potassium ion storage. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25845-25852 ¹³		28
25	A comprehensive review of carbons anode for potassium-ion battery: fast kinetic, structure stability and electrochemical. <i>Journal of Power Sources</i> , 2021 , 484, 229244	8.9	23
24	Multi-forks hierarchical porous amorphous carbon with N-Doping for high-performance potassium-ion batteries. <i>Electrochimica Acta</i> , 2020 , 354, 136627	6.7	16
23	An insight into the initial Coulombic efficiency of carbon-based anode materials for potassium-ion batteries. <i>Chemical Engineering Journal</i> , 2022 , 428, 131093	14.7	12
22	Monitoring and forecasting the development trends of nanogenerator technology using citation analysis and text mining. <i>Nano Energy</i> , 2020 , 71, 104636	17.1	10
21	Synthesis of pomegranate-structured Si/C microspheres using P123 as surfactant for high-energy lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 864, 114102	4.1	9
20	Unraveling the Intercorrelation Between Micro/Mesopores and K Migration Behavior in Hard Carbon.. <i>Small</i> , 2022 , e2107113	11	9
19	Edge-enrich N-doped graphitic carbon: Boosting rate capability and cyclability for potassium ion battery. <i>Chemical Engineering Journal</i> , 2022 , 432, 134321	14.7	9
18	Measuring topic network centrality for identifying technology and technological development in online communities. <i>Technological Forecasting and Social Change</i> , 2021 , 167, 120673	9.5	8
17	Identifying Novel Candidate Genes Related to Apoptosis from a Protein-Protein Interaction Network. <i>Computational and Mathematical Methods in Medicine</i> , 2015 , 2015, 715639	2.8	6
16	Identifying gastric cancer related genes using the shortest path algorithm and protein-protein interaction network. <i>BioMed Research International</i> , 2014 , 2014, 371397	3	5
15	Enhanced electron transfer and ion storage in phosphorus/nitrogen co-doped 3D interconnected carbon nanocage toward potassium-ion battery.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 513-522	8.3	5
14	Recent progress in electrochemical performance of binder-free anodes for potassium-ion batteries. <i>Nanoscale</i> , 2021 , 13, 5965-5984	7.7	5
13	Spanish-dagger shaped CoP blooms decorated N-doped carbon branch anode for high-performance lithium and sodium storage. <i>Electrochimica Acta</i> , 2021 , 388, 138628	6.7	5
12	Fundamental Understanding and Research Progress on the Interfacial Behaviors for Potassium-Ion Battery Anode.. <i>Advanced Science</i> , 2022 , e2200683	13.6	3

11	Trajectory Identification as Proxies for Discerning the Dynamic Nature of Technological Change □ The Case of Electric Vehicles Industry. <i>International Journal of Innovation and Technology Management</i> , 2017 , 14, 1740006	1.1	2
10	Hierarchical porous carbon nanofibers with enhanced capacitive behavior as a flexible self-supporting anode for boosting potassium storage. <i>Journal of Power Sources</i> , 2022 , 523, 231043	8.9	2
9	Recent progress in electrochemical performance of carbon-based anodes for potassium-ion batteries based on first principles calculations. <i>Nanotechnology</i> , 2021 , 32,	3.4	2
8	Three-dimensional interconnected porous carbon nanoflakes with improved electron transfer and ion storage for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022 , 904, 164122	5.7	1
7	Fe ₂ P nanoparticles-doped carbon nanofibers with enhanced electrons transfer capability as a self-supporting anode for potassium-ion battery. <i>Electrochimica Acta</i> , 2022 , 404, 139759	6.7	1
6	Heteroatom-doped carbon anode materials for potassium-ion batteries: From mechanism, synthesis to electrochemical performance. <i>APL Materials</i> , 2022 , 10, 030902	5.7	1
5	Patents and Networks: Case of Discerning the Evolutionary Nature of Technological Change in the Complex Product Industry. <i>Series on Technology Management</i> , 2018 , 93-120	0.4	
4	Research on Identification of Potential Directions of Artificial Intelligence Industry From the Perspective of Weak Signal. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-16	2.6	
3	Porous carbon-confined Co S nanoparticles derived from ZIF-67 for boosting lithium-ion storage.. <i>RSC Advances</i> , 2021 , 12, 939-946	3.7	
2	Investment Decision of New Energy Vehicle Enterprises Using the Interval Basic Probability Assignment-Based Intuitionistic Fuzzy Set. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-19	1.1	
1	Identifying the Development Trends and Technological Competition Situations for Digital Twin: A Bibliometric Overview and Patent Landscape Analysis. <i>IEEE Transactions on Engineering Management</i> , 2022 , 1-24	2.6	