Fei Yuan

List of Publications by Year in Descending Order

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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	Unraveling the Intercorrelation Between Micro/Mesopores and K Migration Behavior in Hard Carbon.. *Small*, **2022**, e2107113	11	9
27	Three-dimensional interconnected porous carbon nanoflakes with improved electron transfer and ion storage for lithium-ion batteries. *Journal of Alloys and Compounds*, **2022**, 904, 164122	5.7	1
26	Hierarchical porous carbon nanofibers with enhanced capacitive behavior as a flexible self-supporting anode for boosting potassium storage. *Journal of Power Sources*, **2022**, 523, 231043	8.9	2
25	Fe2P nanoparticles-doped carbon nanofibers with enhanced electrons transfer capability as a self-supporting anode for potassium-ion battery. *Electrochimica Acta*, **2022**, 404, 139759	6.7	1
24	Edge-enrich N-doped graphitic carbon: Boosting rate capability and cyclability for potassium ion battery. *Chemical Engineering Journal*, **2022**, 432, 134321	14.7	9
23	An insight into the initial Coulombic efficiency of carbon-based anode materials for potassium-ion batteries. *Chemical Engineering Journal*, **2022**, 428, 131093	14.7	12
22	Heteroatom-doped carbon anode materials for potassium-ion batteries: From mechanism, synthesis to electrochemical performance. *APL Materials*, **2022**, 10, 030902	5.7	1
21	Identifying the Development Trends and Technological Competition Situations for Digital Twin: A Bibliometric Overview and Patent Landscape Analysis. *IEEE Transactions on Engineering Management*, **2022**, 1-24	2.6	
20	Fundamental Understanding and Research Progress on the Interfacial Behaviors for Potassium-Ion Battery Anode.. *Advanced Science*, **2022**, e2200683	13.6	3
19	Research on Identification of Potential Directions of Artificial Intelligence Industry From the Perspective of Weak Signal. *IEEE Transactions on Engineering Management*, **2021**, 1-16	2.6	
18	Porous carbon-confined Co S nanoparticles derived from ZIF-67 for boosting lithium-ion storage.. *RSC Advances*, **2021**, 12, 939-946	3.7	
17	Enhanced electron transfer and ion storage in phosphorus/nitrogen co-doped 3D interconnected carbon nanocage toward potassium-ion battery.. *Journal of Colloid and Interface Science*, **2021**, 611, 513-522	9.3	5
16	Investment Decision of New Energy Vehicle Enterprises Using the Interval Basic Probability Assignment-Based Intuitionistic Fuzzy Set. *Mathematical Problems in Engineering*, **2021**, 2021, 1-19	1.1	
15	Amorphous carbon/graphite coupled polyhedral microframe with fast electronic channel and enhanced ion storage for potassium ion batteries. *Energy Storage Materials*, **2021**, 38, 329-337	19.4	38
14	Measuring topic network centrality for identifying technology and technological development in online communities. *Technological Forecasting and Social Change*, **2021**, 167, 120673	9.5	8
13	A comprehensive review of carbons anode for potassium-ion battery: fast kinetic, structure stability and electrochemical. *Journal of Power Sources*, **2021**, 484, 229244	8.9	23
12	Recent progress in electrochemical performance of binder-free anodes for potassium-ion batteries. *Nanoscale*, **2021**, 13, 5965-5984	7.7	5

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11	Spanish-dagger shaped CoP blooms decorated N-doped carbon branch anode for high-performance lithium and sodium storage. *Electrochimica Acta*, **2021**, 388, 138628	6.7	5
10	Recent progress in electrochemical performance of carbon-based anodes for potassium-ion batteries based on first principles calculations. *Nanotechnology*, **2021**, 32,	3.4	2
9	Synthesis of pomegranate-structured Si/C microspheres using P123 as surfactant for high-energy lithium-ion batteries. *Journal of Electroanalytical Chemistry*, **2020**, 864, 114102	4.1	9
8	Rational formation of solid electrolyte interface for high-rate potassium ion batteries. *Nano Energy*, **2020**, 75, 104979	17.1	36
7	Multi-forks hierarchical porous amorphous carbon with N-Doping for high-performance potassium-ion batteries. *Electrochimica Acta*, **2020**, 354, 136627	6.7	16
6	Monitoring and forecasting the development trends of nanogenerator technology using citation analysis and text mining. *Nano Energy*, **2020**, 71, 104636	17.1	10
5	A carbon microtube array with a multihole cross profile: releasing the stress and boosting long-cycling and high-rate potassium ion storage. *Journal of Materials Chemistry A*, **2019**, 7, 25845-25852	13	28
4	Patents and Networks: Case of Discerning the Evolutionary Nature of Technological Change in the Complex Product Industry. *Series on Technology Management*, **2018**, 93-120	0.4	
3	Trajectory Identification as Proxies for Discerning the Dynamic Nature of Technological Change The Case of Electric Vehicles Industry. *International Journal of Innovation and Technology Management*, **2017**, 14, 1740006	1.1	2
2	Identifying Novel Candidate Genes Related to Apoptosis from a Protein-Protein Interaction Network. *Computational and Mathematical Methods in Medicine*, **2015**, 2015, 715639	2.8	6
1	Identifying gastric cancer related genes using the shortest path algorithm and protein-protein interaction network. *BioMed Research International*, **2014**, 2014, 371397	3	5