

Mei Yang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,951
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

3141
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Fe ₂ O ₃ multi-shelled hollow microspheres for lithium ion battery anodes with superior capacity and charge retention. <i>Energy and Environmental Science</i> , 2014, 7, 632-637.	30.8	630
2	Multi-shelled metal oxides prepared via an anion-adsorption mechanism for lithium-ion batteries. <i>Nature Energy</i> , 2016, 1, .	39.5	352
3	Accurate Control of Multishelled Co ₃ O ₄ Hollow Microspheres as High-Performance Anode Materials in Lithium-ion Batteries. <i>Angewandte Chemie</i> , 2013, 125, 6545-6548.	2.0	290
4	Hollow Multi-Shelled Structural TiO ₂ with Multiple Spatial Confinement for Long-Life Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9078-9082.	13.8	149
5	Controllable synthesis of mesostructures from TiO ₂ hollow to porous nanospheres with superior rate performance for lithium ion batteries. <i>Chemical Science</i> , 2016, 7, 793-798.	7.4	147
6	V ₂ O ₅ Textile Cathodes with High Capacity and Stability for Flexible Lithium-ion Batteries. <i>Advanced Materials</i> , 2020, 32, e1906205.	21.0	107
7	Hollow Micro-/Nanostructure Reviving Lithium-sulfur Batteries. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 313-319.	2.6	70
8	Hollow Multi-Shelled Structural TiO ₂ with Multiple Spatial Confinement for Long-Life Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2019, 131, 9176-9180.	2.0	45
9	General Synthesis of Multiple-Cores@Multiple-Shells Hollow Composites and Their Application to Lithium-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25719-25722.	13.8	44
10	Synthesis and characterization of Zn-doped MgAl-layered double hydroxide nanoparticles as PVC heat stabilizer. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	27
11	Progress and Perspectives of Hollow Multishelled Structures. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1190-1203.	4.9	17
12	Titanium nitride nanopowders produced via sodium reduction in liquid ammonia. <i>Journal of Materials Research</i> , 2009, 24, 448-451.	2.6	15
13	Hollow multishelled structural NiO as a "shelter" for high-performance Li-S batteries. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2971-2975.	5.9	14
14	Phylogeny of forkhead genes in three spiralian and their expression in Pacific oyster <i>Crassostrea gigas</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 1207-1223.	0.7	13
15	Synthesis and sintering of silicon nitride nano-powders via sodium reduction in liquid ammonia. <i>Journal of the European Ceramic Society</i> , 2016, 36, 1899-1904.	5.7	11
16	Decoding lithium batteries through advanced in situ characterization techniques. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022, 29, 965-989.	4.9	11
17	Synthesis and Sintering of Aluminium Nitride Nano-particles. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1040, 1.	0.1	3
18	Architectural design and cryogenic synthesis of Si ₃ N ₄ @(TiN@Si ₃ N ₄) for high conductivity. <i>Journal of the American Ceramic Society</i> , 2018, 101, 131-139.	3.8	3

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19	General Synthesis of Multiple@Cores@Multiple@Shells Hollow Composites and Their Application to Lithium-ion Batteries. <i>Angewandte Chemie</i> , 2021, 133, 25923-25926.	2.0	3
20	In-situ synthesis of Si ₃ N ₄ /TiN nanocomposite powders in cryogenic solution. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1056, 1.	0.1	0