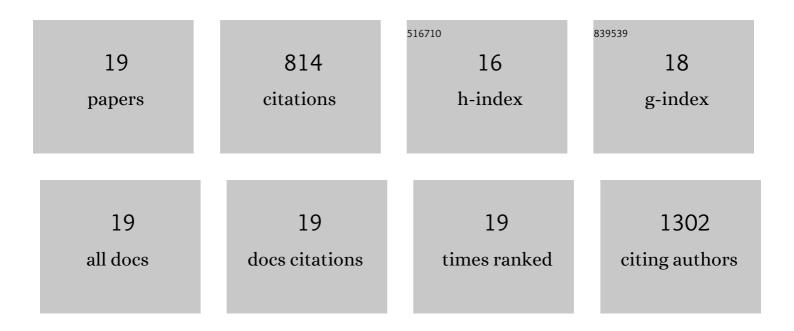
Tianyi Hou

List of Publications by Year in descending order

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ΤιλΝΥΙ ΗΟΙΙ

#	Article	IF	CITATIONS
1	Synthesis of ZnS Nanorods Coated by MoS ₂ /N-Doped Carbon Nanosheets with Enhanced Sodium Storage Properties. Journal of the Electrochemical Society, 2021, 168, 020523.	2.9	0
2	Covalent Coupling-Stabilized Transition-Metal Sulfide/Carbon Nanotube Composites for Lithium/Sodium-Ion Batteries. ACS Nano, 2021, 15, 6735-6746.	14.6	95
3	Uniform α-Fe2O3 nanoparticles with narrow gap immobilized on CNTs through N-doped carbon as high-performance lithium-ion batteries anode. Ceramics International, 2021, 47, 15743-15749.	4.8	18
4	Improving cycling stability of Bi-encapsulated carbon fibers for lithium/sodium-ion batteries by Fe2O3 pinning. Chinese Chemical Letters, 2021, 32, 2459-2462.	9.0	18
5	MnS hollow microspheres combined with carbon nanotubes for enhanced performance sodium-ion battery anode. Chinese Chemical Letters, 2020, 31, 1221-1225.	9.0	49
6	FeS/ZnS nanoflower composites as high performance anode materials for sodium ion batteries. Inorganic Chemistry Communication, 2020, 111, 107635.	3.9	17
7	Nitrogen-Doped graphene coated FeS2 microsphere composite as high-performance anode materials for sodium-ion batteries enhanced by the chemical and structural synergistic effect. Applied Surface Science, 2020, 505, 144633.	6.1	18
8	Oneâ€Pot Hydrothermal Synthesis of ZnS Nanospheres Anchored on 3D Conductive MWCNTs Networks as Highâ€Rate and Coldâ€Resistant Anode Materials for Sodiumâ€Ion Batteries. ChemElectroChem, 2020, 7, 1904-1913.	3.4	23
9	Controllable synthesis of tunable few-layered MoS2 chemically bonding with in situ conversion nitrogen-doped carbon for ultrafast reversible sodium and potassium storage. Chemical Engineering Journal, 2020, 393, 124703.	12.7	42
10	Crucial structural effects of porous Co3O4 derived from Prussian blue analogue on the enhanced gas sensing performance. Materials Letters, 2019, 242, 83-86.	2.6	16
11	MOF-derived Fe2O3: Phase control and effects of phase composition on gas sensing performance. Sensors and Actuators B: Chemical, 2019, 292, 171-179.	7.8	83
12	High-rate FeS2/CNT neural network nanostructure composite anodes for stable, high-capacity sodium-ion batteries. Nano Energy, 2018, 46, 117-127.	16.0	200
13	Highly reversible and fast sodium storage boosted by improved interfacial and surface charge transfer derived from the synergistic effect of heterostructures and pseudocapacitance in SnO ₂ -based anodes. Nanoscale, 2018, 10, 2301-2309.	5.6	40
14	Enhanced electrochemical performance of SnS nanoparticles/CNTs composite as anode material for sodium-ion battery. Chinese Chemical Letters, 2018, 29, 187-190.	9.0	52
15	Mesoporous Graphitic Carbonâ€Encapsulated Fe ₂ O ₃ Nanocomposite as Highâ€Rate Anode Material for Sodiumâ€ion Batteries. Chemistry - A European Journal, 2018, 24, 14786-14793.	3.3	29
16	Perchlorate ion doped polypyrrole coated ZnS sphere composites as a sodium-ion battery anode with superior rate capability enhanced by pseudocapacitance. RSC Advances, 2017, 7, 43636-43641.	3.6	27
17	Treatment of dye wastewater nanofiltration concentrates containing high anion levels by a pH-sensitive nano-sized Fe(<scp>iii</scp>)@silica microgel. New Journal of Chemistry, 2017, 41, 15357-15367.	2.8	8
18	Ordered mesoporous hematite promoted by magnesium selective leaching as a highly efficient heterogeneous Fenton-like catalyst. RSC Advances, 2015, 5, 40872-40883.	3.6	24

#	Article	IF	CITATIONS
19	Preparation and characterization of magnesium doped hydroxyapatite–gelatin nanocomposite. Journal of Materials Chemistry, 2005, 15, 1807.	6.7	55