Jinxing Wang

List of Publications by Year
in descending order

28 papers	646 citations	759233 12 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	857 citing authors

#	Article	IF	Citations
1	Hydrothermal synthesis and electrochemical properties of V2O5 nanomaterials with different dimensions. Ceramics International, 2015, 41, 12626-12632.	4.8	83
2	Facile synthesis of three-dimensional NiCo₂O₄ with different morphology for supercapacitors. RSC Advances, 2016, 6, 70077-70084.	3.6	75
3	Facile synthesis of NiMn 2 O 4 nanosheet arrays grown on nickel foam as novel electrode materials for high-performance supercapacitors. Ceramics International, 2016, 42, 14963-14969.	4.8	75
4	Morphology-controllable synthesis of CuCo2O4 arrays on Ni foam as advanced electrodes for supercapacitors. Journal of Alloys and Compounds, 2019, 789, 193-200.	5.5	56
5	Fe doped Î´-MnO2 nanoneedles as advanced supercapacitor electrodes. Ceramics International, 2018, 44, 18770-18775.	4.8	53
6	The potential application of VS2 as an electrode material for Mg ion battery: A DFT study. Applied Surface Science, 2021, 544, 148775.	6.1	50
7	Hydrothermal synthesis of hierarchical mesoporous NiO nanourchins and their supercapacitor application. Materials Letters, 2016, 162, 67-70.	2.6	44
8	Hydrothermal synthesis of vanadium pentoxide nanostructures and their morphology control. Ceramics International, 2013, 39, 2639-2643.	4.8	31
9	Ni@NiCo2O4 core/shells composite as electrode material for supercapacitor. Ceramics International, 2017, 43, 2057-2062.	4.8	29
10	Insight into the effect of crystalline structure on the oxygen reduction reaction activities of one-dimensional MnO2. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 109, 191-197.	2.7	23
11	Ag2O loaded NiO ball-flowers for high performance supercapacitors. Materials Letters, 2016, 177, 71-75.	2.6	22
12	Enhanced electrocatalytic activity of a hierarchical CeO2 @MnO2 core-shell composite for oxygen reduction reaction. Ceramics International, 2018, 44, 23073-23079.	4.8	20
13	A study on the precursor of vanadium pentoxide by the hydrothermal method. Ceramics International, 2014, 40, 317-321.	4.8	11
14	CuMnO₂ Nanoflakes as Cathode Catalyst for Oxygen Reduction Reaction in Magnesium-Air Battery. Journal of the Electrochemical Society, 2021, 168, 100502.	2.9	11
15	Nanosheet-assembled hollow NiO ball-flower for high-performance supercapacitor. Journal of Materials Science: Materials in Electronics, 2016, 27, 8020-8026.	2.2	9
16	Hydrothermal preparation of nickel-manganese oxide with microsphere structure grown on Ni foam and supercapacitive performance. Materials Letters, 2017, 187, 11-14.	2.6	9
17	Electrochemical properties of hollow MnO2 nanostructure: synthesis and application. Journal of Materials Science: Materials in Electronics, 2017, 28, 418-425.	2.2	7
18	Facile hydrothermal synthesis of 3D flower-like NiCo2O4/CeO2 composite as effective oxygen reduction reaction catalyst. Journal of Materials Science: Materials in Electronics, 2020, 31, 16600-16608.	2.2	6

#	Article	IF	Citations
19	Synthesis of 3D Mesoporous Wall-Like MnO2 with Improved Electrochemical Performance. Journal of Electronic Materials, 2017, 46, 1539-1545.	2.2	5
20	First-principles prediction of layered MoO₂ and MoOSe as promising cathode materials for magnesium ion batteries. Nanotechnology, 2021, 32, 495405.	2.6	5
21	Prussian Blue Analogue Derived Co₃O₄/CuO Nanoparticles as Effective Oxygen Reduction Reaction Catalyst for Magnesium-Air Battery. Journal of the Electrochemical Society, 2022, 169, 010532.	2.9	5
22	Crystalline Nanoscale M₂O₃ (M=Gd, Nd) Thin Films Grown by Molecular Beam Epitaxy on Si(111). Materials Transactions, 2009, 50, 2115-2117.	1.2	4
23	Boosting magnesium storage in MoS₂ via a 1T phase introduction and interlayer expansion strategy: theoretical prediction and experimental verification. Sustainable Energy and Fuels, 2021, 5, 5471-5480.	4.9	4
24	Enhancing Mg²⁺ and Mg²⁺/Li⁺ Storage by Introducing Active Defect Sites and Edge Surfaces in MoSe₂. ChemElectroChem, 2021, 8, 4252-4260.	3.4	3
25	Quick determination of included angles distribution for miscut substrate. Measurement: Journal of the International Measurement Confederation, 2016, 89, 300-304.	5.0	2
26	Core-Shell CuS@MoS₂ Cathodes for High-Performance Hybrid Mg-Li Ion Batteries. Journal of the Electrochemical Society, 2022, 169, 073502.	2.9	2
27	Structural and strain relaxation study of epitaxially grown nano-thick Nd<inf>2</inf>O<inf>3</inf>/Si(111) heterostructure. , 2009, , .		1
28	Control synthesis and formation mechanism of sphereâ€like titanium dioxide. Micro and Nano Letters, 2015, 10, 23-27.	1.3	1