

Yaping Wang

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.

19
papers

703
citations

15
h-index

19
g-index

19
ext. papers

793
ext. citations

7.7
avg, IF

4.11
L-index

#	Paper	IF	Citations
19	A Facile Carbon Quantum Dot-Modified Reduction Approach Towards Tunable Sb@CQDs Nanoparticles for High Performance Sodium Storage. <i>Batteries and Supercaps</i> , 2020 , 3, 463-469	5.6	15
18	Towards a durable high performance anode material for lithium storage: stabilizing N-doped carbon encapsulated FeS nanosheets with amorphous TiO ₂ . <i>Journal of Materials Chemistry A</i> , 2019 , 7, 16541-16552	13	16
17	Na-Ion Batteries: A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binder-Free Anodes for Sodium-Ion Batteries (Adv. Sci. 16/2019). <i>Advanced Science</i> , 2019 , 6, 1970098	13.6	3
16	Heterogeneous NiS/NiO multi-shelled hollow microspheres with enhanced electrochemical performances for hybrid-type asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9153-9160	13	76
15	Self-templating synthesis of double-wall shelled vanadium oxide hollow microspheres for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6792-6799	13	26
14	Electrospun Single Crystalline Fork-Like KVO as High-Performance Cathode Materials for Lithium-Ion Batteries. <i>Frontiers in Chemistry</i> , 2018 , 6, 195	5	18
13	Preparation and Properties of a Flexible Al ₂ O ₃ /Al/Al ₂ O ₃ Composite. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-5	1.5	2
12	In situ formation of porous graphitic carbon wrapped MnO/Ni microsphere networks as binder-free anodes for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12316-12322	13	20
11	Nitrogen-Doped Yolk-Shell-Structured CoSe/C Dodecahedra for High-Performance Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3624-3633	9.5	197
10	Rational design of multi-shelled CoO/Co ₉ S ₈ hollow microspheres for high-performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 18448-18456	13	78
9	Hydrothermal synthesis of coherent porous V ₂ O ₃ /carbon nanocomposites for high-performance lithium- and sodium-ion batteries. <i>Science China Materials</i> , 2017 , 60, 717-727	7.1	47
8	Dodecahedron-Shaped Porous Vanadium Oxide and Carbon Composite for High-Rate Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17303-11	9.5	35
7	High-rate performance electrospun Na _{0.44} MnO ₂ nanofibers as cathode material for sodium-ion batteries. <i>Journal of Power Sources</i> , 2016 , 310, 102-108	8.9	82
6	Controllable Preparation of VO/Graphene Nanocomposites as Cathode Materials for Lithium-Ion Batteries. <i>Nanoscale Research Letters</i> , 2016 , 11, 549	5	13
5	Multi-shelled Fe ₂ O ₃ microspheres for high-rate supercapacitors. <i>Science China Materials</i> , 2016 , 59, 247-253	7.1	22
4	Significant increase of Curie temperature and large piezoelectric coefficient in Ba(Ti _{0.80} Zr _{0.20})O ₃ -0.5(Ba _{0.70} Ca _{0.30})TiO ₃ nanofibers. <i>Applied Physics Letters</i> , 2015 , 107, 042903	3.4	16
3	Template-free synthesis of Na _{0.33} V ₂ O ₅ microspheres as cathode materials for lithium-ion batteries. <i>CrystEngComm</i> , 2015 , 17, 4774-4780	3.3	15

- 2 Variations of local piezoelectricity in multiferroic $\text{CoFe}_2\text{O}_4/\text{Pb}(\text{Zr}_{0.3}\text{Ti}_{0.7})\text{O}_3$ composite nanofibers. *Materials Letters*, **2015**, 157, 311-314 3.3 7
- 1 Substrate clamping effect onto magnetoelectric coupling in multiferroic BaTiO_3 - CoFe_2O_4 core-shell nanofibers via coaxial electrospinning. *Europhysics Letters*, **2015**, 112, 27002 1.6 15