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List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

3,442
citations

623734

14
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

5599
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable sieving of ions using graphene oxide membranes. <i>Nature Nanotechnology</i> , 2017, 12, 546-550.	31.5	1,364
2	Ultrathin graphene-based membrane with precise molecular sieving and ultrafast solvent permeation. <i>Nature Materials</i> , 2017, 16, 1198-1202.	27.5	549
3	Morphologically Robust NiFe ₂ O ₄ Nanofibers as High Capacity Li-Ion Battery Anode Material. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9957-9963.	8.0	278
4	Electrically controlled water permeation through graphene oxide membranes. <i>Nature</i> , 2018, 559, 236-240.	27.8	263
5	Electrospun γ -Fe ₂ O ₃ nanorods as a stable, high capacity anode material for Li-ion batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 12198.	6.7	249
6	Interconnected Network of CoMoO ₄ Submicrometer Particles As High Capacity Anode Material for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 918-923.	8.0	194
7	Zn ₂ SnO ₄ Nanowires versus Nanoplates: Electrochemical Performance and Morphological Evolution during Li-Cycling. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6054-6060.	8.0	109
8	Cation-controlled wetting properties of vermiculite membranes and its promise for fouling resistant oil-water separation. <i>Nature Communications</i> , 2020, 11, 1097.	12.8	89
9	"Bubble-Free"™ Electrochemical Delamination of CVD Graphene Films. <i>Small</i> , 2015, 11, 189-194.	10.0	85
10	Molten synthesis of ZnO.Fe ₃ O ₄ and Fe ₂ O ₃ and its electrochemical performance. <i>Electrochimica Acta</i> , 2014, 118, 75-80.	5.2	73
11	Li-cycling properties of nano-crystalline (Ni ^{1-x} Zn ^x)Fe ₂ O ₄ (0 ≤ x ≤ 1). <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1823-1832.	2.5	70
12	(N,F)-Co-doped TiO ₂ : synthesis, anatase-rutile conversion and Li-cycling properties. <i>CrystEngComm</i> , 2012, 14, 978-986.	2.6	53
13	Facile synthesis and Li-storage performance of SnO nanoparticles and microcrystals. <i>RSC Advances</i> , 2013, 3, 3118.	3.6	23
14	Ultrathin Hexagonal Hybrid Nanosheets Synthesized by Graphene Oxide-Assisted Exfoliation of γ -Co(OH) ₂ Mesocrystals. <i>Chemistry - A European Journal</i> , 2014, 20, 12444-12452.	3.3	18
15	Co ²⁺ doped ZnO nanoflowers grown by hydrothermal method. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 333-336.	1.1	13
16	Dynamical spin injection at a quasi-one-dimensional ferromagnet-graphene interface. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	12