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List of Publications by Year in descending order

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16
papers

3,442
citations

623734

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h-index

940533

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16
docs citations

16
times ranked

5599
citing authors

#	ARTICLE	IF	CITATIONS
1	Cation-controlled wetting properties of vermiculite membranes and its promise for fouling resistant oil-water separation. Nature Communications, 2020, 11, 1097.	12.8	89
2	Electrically controlled water permeation through graphene oxide membranes. Nature, 2018, 559, 236-240.	27.8	263
3	Tunable sieving of ions using graphene oxide membranes. Nature Nanotechnology, 2017, 12, 546-550.	31.5	1,364
4	Ultrathin graphene-based membrane with precise molecular sieving and ultrafast solvent permeation. Nature Materials, 2017, 16, 1198-1202.	27.5	549
5	Dynamical spin injection at a quasi-one-dimensional ferromagnet-graphene interface. Applied Physics Letters, 2015, 106, .	3.3	12
6	“Bubble-Free”™ Electrochemical Delamination of CVD Graphene Films. Small, 2015, 11, 189-194.	10.0	85
7	Molten synthesis of ZnO.Fe ₃ O ₄ and Fe ₂ O ₃ and its electrochemical performance. Electrochimica Acta, 2014, 118, 75-80.	5.2	73
8	Ultrathin Hexagonal Hybrid Nanosheets Synthesized by Graphene Oxide-Assisted Exfoliation of Co(OH)_2 Mesocrystals. Chemistry - A European Journal, 2014, 20, 12444-12452.	3.3	18
9	Interconnected Network of CoMoO ₄ Submicrometer Particles As High Capacity Anode Material for Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2013, 5, 918-923.	8.0	194
10	Facile synthesis and Li-storage performance of SnO nanoparticles and microcrystals. RSC Advances, 2013, 3, 3118.	3.6	23
11	Morphologically Robust NiFe ₂ O ₄ Nanofibers as High Capacity Li-Ion Battery Anode Material. ACS Applied Materials & Interfaces, 2013, 5, 9957-9963.	8.0	278
12	Zn ₂ SnO ₄ Nanowires versus Nanoplates: Electrochemical Performance and Morphological Evolution during Li-Cycling. ACS Applied Materials & Interfaces, 2013, 5, 6054-6060.	8.0	109
13	(N,F)-Co-doped TiO ₂ : synthesis, anatase-rutile conversion and Li-cycling properties. CrystEngComm, 2012, 14, 978-986.	2.6	53
14	Electrospun Fe_2O_3 nanorods as a stable, high capacity anode material for Li-ion batteries. Journal of Materials Chemistry, 2012, 22, 12198.	6.7	249
15	Li-cycling properties of nano-crystalline $(\text{Ni}_{1-x}\text{Zn}_x)\text{Fe}_2\text{O}_4$ ($0 \leq x \leq 1$). Journal of Solid State Electrochemistry, 2012, 16, 1823-1832.	2.5	70
16	Co ²⁺ doped ZnO nanoflowers grown by hydrothermal method. Journal of the Ceramic Society of Japan, 2010, 118, 333-336.	1.1	13