Marc Walter

List of Publications by Citations

19 papers	1,634 citations	16 h-index	20 g-index
20 ext. papers	1,831 ext. citations	8.9 avg, IF	5.1 L-index

#	Paper	IF	Citations
19	Monodisperse antimony nanocrystals for high-rate Li-ion and Na-ion battery anodes: nano versus bulk. *Nano Letters*, **2014**, 14, 1255-62	11.5	380
18	Monodisperse and inorganically capped Sn and Sn/SnO2 nanocrystals for high-performance Li-ion battery anodes. *Journal of the American Chemical Society*, **2013**, 135, 4199-202	16.4	314
17	Pyrite (FeS2) nanocrystals as inexpensive high-performance lithium-ion cathode and sodium-ion anode materials. *Nanoscale*, **2015**, 7, 9158-63	7.7	151
16	Polypyrenes as High-Performance Cathode Materials for Aluminum Batteries. *Advanced Materials*, **2018**, 30, e1705644	24	122
15	Monodisperse SnSb nanocrystals for Li-ion and Na-ion battery anodes: synergy and dissonance between Sn and Sb. *Nanoscale*, **2015**, 7, 455-9	7.7	118
14	Efficient and Inexpensive Sodium–Magnesium Hybrid Battery. *Chemistry of Materials*, **2015**, 27, 7452-7458	9.6	81
13	Unraveling the core-shell structure of ligand-capped Sn/SnOx nanoparticles by surface-enhanced nuclear magnetic resonance, Mössbauer, and X-ray absorption spectroscopies. *ACS Nano*, **2014**, 8, 2639-48	16.7	81
12	Inexpensive colloidal SnSb nanoalloys as efficient anode materials for lithium- and sodium-ion batteries. *Journal of Materials Chemistry A*, **2016**, 4, 7053-7059	13	75
11	Challenges and benefits of post-lithium-ion batteries. *New Journal of Chemistry*, **2020**, 44, 1677-1683	3.6	66
10	Inexpensive antimony nanocrystals and their composites with red phosphorus as high-performance anode materials for Na-ion batteries. *Scientific Reports*, **2015**, 5, 8418	4.9	57
9	Monodisperse CoSn and FeSn nanocrystals as high-performance anode materials for lithium-ion batteries. *Nanoscale*, **2018**, 10, 6827-6831	7.7	41
8	Evaluation of Metal Phosphide Nanocrystals as Anode Materials for Na-ion Batteries. *Chimia*, **2015**, 69, 724-728	1.3	35
7	Cost-effective sol-gel synthesis of porous CuO nanoparticle aggregates with tunable specific surface area. *Scientific Reports*, **2019**, 9, 11758	4.9	33
6	Oxidized Co-Sn nanoparticles as long-lasting anode materials for lithium-ion batteries. *Nanoscale*, **2018**, 10, 3777-3783	7.7	22
5	Porous Ge@C materials via twin polymerization of germanium(II) salicyl alcoholates for Li-ion batteries. *Journal of Materials Chemistry A*, **2016**, 4, 2705-2719	13	19
4	Colloidal BiF3 nanocrystals: a bottom-up approach to conversion-type Li-ion cathodes. *Nanoscale*, **2015**, 7, 16601-5	7.7	17
3	A high-voltage concept with sodium-ion conducting β″-alumina for magnesium-sodium dual-ion batteries. *Communications Chemistry*, **2019**, 2,	6.3	13

2	From molecular germanates to microporous Ge@C via twin polymerization. *Dalton Transactions*, **2016**, 45, 5741-51	4.3	8
1	Monodisperse CoSb nanocrystals as high-performance anode material for Li-ion batteries. *Chemical Communications*, **2020**, 56, 13872-13875	5.8	1