Xing Zhong

List of Publications by Year
in descending order

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17 papers	3,686 citations	471061 17 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	7404 citing authors

#	Article	IF	Citations
1	Three-dimensional graphene/polyimide composite-derived flexible high-performance organic cathode for rechargeable lithium and sodium batteries. Journal of Materials Chemistry A, 2017, 5, 2710-2716.	5.2	119
2	Three-dimensional graphene membrane cathode for high energy density rechargeable lithium-air batteries in ambient conditions. Nano Research, 2017, 10, 472-482.	5.8	32
3	Solvated Graphene Frameworks as Highâ€Performance Anodes for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2015, 54, 5345-5350.	7.2	124
4	Metal-Organic Framework Templated Synthesis of Ultrathin, Well-Aligned Metallic Nanowires. ACS Nano, 2015, 9, 3044-3049.	7.3	59
5	Reduced graphene oxide/silicon nanowire heterostructures with enhanced photoactivity and superior photoelectrochemical stability. Nano Research, 2015, 8, 2850-2858.	5.8	34
6	Integration of molecular and enzymatic catalysts on graphene for biomimetic generation of antithrombotic species. Nature Communications, 2014, 5, 3200.	5.8	90
7	Holey graphene frameworks for highly efficient capacitive energy storage. Nature Communications, 2014, 5, 4554.	5.8	1,161
8	Very high energy density silicideâ€“air primary batteries. Energy and Environmental Science, 2013, 6, 2621.	15.6	21
9	One-step strategy to graphene/Ni(OH)2 composite hydrogels as advanced three-dimensional supercapacitor electrode materials. Nano Research, 2013, 6, 65-76.	5.8	202
10	Kinetic Manipulation of Silicide Phase Formation in Si Nanowire Templates. Nano Letters, 2013, 13, 3703-3708.	4.5	33
11	Highâ€Capacity Siliconâ€“Air Battery in Alkaline Solution. ChemSusChem, 2012, 5, 177-180.	3.6	50
12	Unveiling the Formation Pathway of Single Crystalline Porous Silicon Nanowires. ACS Applied Materials & Interfaces, 2011, 3, 261-270.	4.0	156
13	pH-Operated Mechanized Porous Silicon Nanoparticles. Journal of the American Chemical Society, 2011, 133, 8798-8801.	6.6	146
14	Heterointegration of Pt/Si/Ag Nanowire Photodiodes and Their Photocatalytic Properties. Advanced Functional Materials, 2010, 20, 3005-3011.	7.8	28
15	Heterointegration of Pt/Si/Ag Nanowire Photodiodes and Their Photocatalytic Properties. Advanced Functional Materials, 2010, 20, n/a-n/a.	7.8	0
16	Graphene nanomesh. Nature Nanotechnology, 2010, 5, 190-194.	15.6	1,276
17	Photocatalytic properties of porous silicon nanowires. Journal of Materials Chemistry, 2010, 20, 3590.	6.7	120