

Xing Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

3,686
citations

471509

17
h-index

888059

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. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2710-2716.	10.3	119
2	Three-dimensional graphene membrane cathode for high energy density rechargeable lithium-air batteries in ambient conditions. <i>Nano Research</i> , 2017, 10, 472-482.	10.4	32
3	Solvated Graphene Frameworks as High-Performance Anodes for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5345-5350.	13.8	124
4	Metal-Organic Framework Templated Synthesis of Ultrathin, Well-Aligned Metallic Nanowires. <i>ACS Nano</i> , 2015, 9, 3044-3049.	14.6	59
5	Reduced graphene oxide/silicon nanowire heterostructures with enhanced photoactivity and superior photoelectrochemical stability. <i>Nano Research</i> , 2015, 8, 2850-2858.	10.4	34
6	Integration of molecular and enzymatic catalysts on graphene for biomimetic generation of antithrombotic species. <i>Nature Communications</i> , 2014, 5, 3200.	12.8	90
7	Holey graphene frameworks for highly efficient capacitive energy storage. <i>Nature Communications</i> , 2014, 5, 4554.	12.8	1,161
8	Very high energy density silicide-air primary batteries. <i>Energy and Environmental Science</i> , 2013, 6, 2621.	30.8	21
9	One-step strategy to graphene/Ni(OH) ₂ composite hydrogels as advanced three-dimensional supercapacitor electrode materials. <i>Nano Research</i> , 2013, 6, 65-76.	10.4	202
10	Kinetic Manipulation of Silicide Phase Formation in Si Nanowire Templates. <i>Nano Letters</i> , 2013, 13, 3703-3708.	9.1	33
11	High-Capacity Silicon-Air Battery in Alkaline Solution. <i>ChemSusChem</i> , 2012, 5, 177-180.	6.8	50
12	Unveiling the Formation Pathway of Single Crystalline Porous Silicon Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 261-270.	8.0	156
13	pH-Operated Mechanized Porous Silicon Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 8798-8801.	13.7	146
14	Heterointegration of Pt/Si/Ag Nanowire Photodiodes and Their Photocatalytic Properties. <i>Advanced Functional Materials</i> , 2010, 20, 3005-3011.	14.9	28
15	Heterointegration of Pt/Si/Ag Nanowire Photodiodes and Their Photocatalytic Properties. <i>Advanced Functional Materials</i> , 2010, 20, n/a-n/a.	14.9	0
16	Graphene nanomesh. <i>Nature Nanotechnology</i> , 2010, 5, 190-194.	31.5	1,276
17	Photocatalytic properties of porous silicon nanowires. <i>Journal of Materials Chemistry</i> , 2010, 20, 3590.	6.7	120