

Abirami Dhanabalan

List of Publications by Year in descending order

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12
papers

1,435
citations

840776

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1125743

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docs citations

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times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	Encapsulation of Sn@carbon Nanoparticles in Bamboo-like Hollow Carbon Nanofibers as an Anode Material in Lithium-Based Batteries. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6485-6489.	13.8	551
2	Three-Dimensional Porous Core-Shell Sn@Carbon Composite Anodes for High-Performance Lithium-Ion Battery Applications. <i>Advanced Energy Materials</i> , 2012, 2, 238-244.	19.5	223
3	Enhanced electrochemical performance of porous NiO-Ni nanocomposite anode for lithium ion batteries. <i>Journal of Power Sources</i> , 2011, 196, 9625-9630.	7.8	171
4	Binder-free porous core-shell structured Ni/NiO configuration for application of high performance lithium ion batteries. <i>Electrochemistry Communications</i> , 2010, 12, 1222-1225.	4.7	159
5	Mesoporous Silicon Anodes Prepared by Magnesiothermic Reduction for Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2011, 158, A1055.	2.9	113
6	Three-dimensional porous amorphous SnO ₂ thin films as anodes for Li-ion batteries. <i>Electrochimica Acta</i> , 2009, 54, 7227-7230.	5.2	80
7	Fabrication and Characterization of SnO ₂ /Graphene Composites as High Capacity Anodes for Li-Ion Batteries. <i>Nanomaterials</i> , 2013, 3, 606-614.	4.1	39
8	Evaluating the capacity ratio and prelithiation strategies for extending cyclability in porous silicon composite anodes and lithium iron phosphate cathodes for high capacity lithium-ion batteries. <i>Journal of Energy Storage</i> , 2020, 28, 101268.	8.1	31
9	Porous SnO ₂ /CNT composite anodes: Influence of composition and deposition temperature on the electrochemical performance. <i>Journal of Materials Research</i> , 2010, 25, 1554-1560.	2.6	12
10	Facile synthesis of silicon films by photosintering as anode materials for lithium-ion batteries. <i>Journal of Power Sources</i> , 2012, 214, 21-27.	7.8	11
11	Lithium-Ion Batteries: Three-Dimensional Porous Core-Shell Sn@Carbon Composite Anodes for High-Performance Lithium-Ion Battery Applications (<i>Adv. Energy Mater.</i> 2/2012). <i>Advanced Energy Materials</i> , 2012, 2, 174-174.	19.5	2
12	Extreme Rate Capability Cycling of Porous Silicon Composite Anodes for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2021, 8, 3318-3325.	3.4	2