

Jim Benson

List of Publications by Year in descending order

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9
papers

652
citations

1477746

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1588620

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docs citations

9
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra Strong Silicon-Coated Carbon Nanotube Nonwoven Fabric as a Multifunctional Lithium-Ion Battery Anode. ACS Nano, 2012, 6, 9837-9845.	7.3	161
2	Multifunctional CNT-Polymer Composites for Ultra-Tough Structural Supercapacitors and Desalination Devices. Advanced Materials, 2013, 25, 6625-6632.	11.1	140
3	Ex-situ depth-sensing indentation measurements of electrochemically produced Si-Li alloy films. Electrochemistry Communications, 2011, 13, 818-821.	2.3	125
4	Carbon Nanotube-CoF ₂ Multifunctional Cathode for Lithium Ion Batteries: Effect of Electrolyte on Cycle Stability. Small, 2015, 11, 5164-5173.	5.2	80
5	Transformation of bulk alloys to oxide nanowires. Science, 2017, 355, 267-271.	6.0	76
6	Protons Enhance Conductivities in Lithium Halide Hydroxide/Lithium Oxyhalide Solid Electrolytes by Forming Rotating Hydroxy Groups. Advanced Energy Materials, 2018, 8, 1700971.	10.2	65
7	Nanostructured composites for high energy batteries and supercapacitors. , 2015, , .		2
8	Ion Conductivities: Protons Enhance Conductivities in Lithium Halide Hydroxide/Lithium Oxyhalide Solid Electrolytes by Forming Rotating Hydroxy Groups (Adv. Energy Mater. 3/2018). Advanced Energy Materials, 2018, 8, 1870014.	10.2	2
9	Lithium Titanate Confined in Nanoporous Copper for High-Rate Battery Applications. MRS Advances, 2018, 3, 1249-1253.	0.5	1