

Robert C MassÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,861
citations

567144

15
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

3414
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-ion batteries: The emerging alternative rechargeable batteries. <i>Energy Storage Materials</i> , 2020, 25, 1-32.	9.5	160
2	Reversible and fast Na-ion storage in MoO ₂ /MoSe ₂ heterostructures for high energy-high power Na-ion capacitors. <i>Energy Storage Materials</i> , 2018, 12, 241-251.	9.5	117
3	Revitalized interest in vanadium pentoxide as cathode material for lithium-ion batteries and beyond. <i>Energy Storage Materials</i> , 2018, 11, 205-259.	9.5	221
4	REVITALIZED INTEREST IN VANADIUM PENTOXIDE AS CATHODE MATERIAL FOR ALKALI-ION BATTERIES. , 2018, , 453-580.		0
5	Hierarchical ZnO microspheres photoelectrodes assembled with Zn chalcogenide passivation layer for high efficiency quantum dot sensitized solar cells. <i>Journal of Power Sources</i> , 2018, 401, 255-262.	4.0	15
6	Design of coherent anode materials with OD Ni ₃ S ₂ nanoparticles self-assembled on 3D interconnected carbon networks for fast and reversible sodium storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7394-7402.	5.2	125
7	Energy storage through intercalation reactions: electrodes for rechargeable batteries. <i>National Science Review</i> , 2017, 4, 26-53.	4.6	122
8	A comparison of ZnS and ZnSe passivation layers on CdS/CdSe co-sensitized quantum dot solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14773-14780.	5.2	70
9	Doubling the power conversion efficiency in CdS/CdSe quantum dot sensitized solar cells with a ZnSe passivation layer. <i>Nano Energy</i> , 2016, 26, 114-122.	8.2	112
10	Novel Carbon-Encapsulated Porous SnO ₂ Anode for Lithium-Ion Batteries with Much Improved Cyclic Stability. <i>Small</i> , 2016, 12, 1945-1955.	5.2	247
11	A three layer design with mesoporous silica encapsulated by a carbon core and shell for high energy lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22739-22749.	5.2	79
12	Beyond Li-ion: electrode materials for sodium- and magnesium-ion batteries. <i>Science China Materials</i> , 2015, 58, 715-766.	3.5	241
13	Accurate energies of the He atom with undergraduate quantum mechanics. <i>American Journal of Physics</i> , 2015, 83, 730-732.	0.3	7
14	Assembly of a Robust and Economical MnO ₂ -Based Reference Electrode. <i>Journal of Chemical Education</i> , 2015, 92, 110-115.	1.1	16
15	Formation of Interfacial Layer and Long-Term Cyclability of Li ⁺ O ₂ Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14141-14151.	4.0	44
16	A survey of diverse earth abundant oxygen evolution electrocatalysts showing enhanced activity from Ni-Fe oxides containing a third metal. <i>Energy and Environmental Science</i> , 2014, 7, 2376-2382.	15.6	211
17	Direct Observation of Li ₂ O ₂ Nucleation and Growth with In-Situ Liquid ec-(S)TEM. <i>Microscopy and Microanalysis</i> , 2014, 20, 1608-1609.	0.2	0
18	Development of an O ₂ -Sensitive Fluorescence-Quenching Assay for the Combinatorial Discovery of Electrocatalysts for Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6676-6680.	7.2	60