

Tiphaine Poux

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,002
citations

759233

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996975

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docs citations

16
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of PMMA-grafted/Ti hybrid biomaterial interface in corrosive media. Pure and Applied Chemistry, 2019, 91, 1617-1629.	1.9	3
2	Improving the Cycling Stability of SnO ₂ Graphite Electrodes. ACS Applied Energy Materials, 2019, 2, 7364-7374.	5.1	10
3	Challenges in the understanding oxygen reduction electrocatalysis on transition metal oxides. Current Opinion in Electrochemistry, 2019, 14, 23-31.	4.8	44
4	The counterintuitive impact of separator electrolyte combinations on the cycle life of graphite silicon composite electrodes. Journal of Power Sources, 2017, 343, 142-147.	7.8	7
5	Relationship between the Properties and Cycle Life of Si/C Composites as Performance-Enhancing Additives to Graphite Electrodes for Li-Ion Batteries. Journal of the Electrochemical Society, 2017, 164, A190-A203.	2.9	12
6	Cycling Behavior of Silicon-Containing Graphite Electrodes, Part B: Effect of the Silicon Source. Journal of Physical Chemistry C, 2017, 121, 25718-25728.	3.1	22
7	Cycling Behavior of Silicon-Containing Graphite Electrodes, Part A: Effect of the Lithiation Protocol. Journal of Physical Chemistry C, 2017, 121, 18423-18429.	3.1	20
8	On the correlation between electrode expansion and cycling stability of graphite/Si electrodes for Li-ion batteries. Carbon, 2016, 105, 42-51.	10.3	55
9	Pitfalls in Li-S Rate-Capability Evaluation. Journal of the Electrochemical Society, 2016, 163, A1139-A1145.	2.9	23
10	Study of Hydrogen Peroxide Reactions on Manganese Oxides as a Tool To Decode the Oxygen Reduction Reaction Mechanism. ChemElectroChem, 2016, 3, 1667-1677.	3.4	39
11	Rationalizing the Influence of the Mn(IV)/Mn(III) Red-Ox Transition on the Electrocatalytic Activity of Manganese Oxides in the Oxygen Reduction Reaction. Electrochimica Acta, 2016, 187, 161-172.	5.2	97
12	Progress Towards Commercially Viable Li-S Battery Cells. Advanced Energy Materials, 2015, 5, 1500118.	19.5	355
13	Electrocatalysis of hydrogen peroxide reactions on perovskite oxides: experiment versus kinetic modeling. Physical Chemistry Chemical Physics, 2014, 16, 13595-13600.	2.8	61
14	Electrocatalytic Oxygen Reduction Reaction on Perovskite Oxides: Series versus Direct Pathway. ChemPhysChem, 2014, 15, 2108-2120.	2.1	77
15	Dual role of carbon in the catalytic layers of perovskite/carbon composites for the electrocatalytic oxygen reduction reaction. Catalysis Today, 2012, 189, 83-92.	4.4	177