

# Tiphaine Poux

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8112709/publications.pdf>

Version: 2024-02-01

15  
papers

1,002  
citations

759233

12  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1746  
citing authors

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