

Daniel Barraco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9333719/publications.pdf>

Version: 2024-02-01

10
papers

106
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite polymer electrolyte with high inorganic additive contents to enable metallic lithium anode. <i>Electrochimica Acta</i> , 2022, 404, 139772.	5.2	12
2	Characterization of amorphous Li_xSi structures from ReaxFF <i>via</i> accelerated exploration of local minima. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16776-16784.	2.8	4
3	Activated carbon from pyrolysis of peanut shells as cathode for lithium-sulfur batteries. <i>Biomass and Bioenergy</i> , 2021, 146, 105971.	5.7	25
4	On the role of oxidized graphene interfaces in lithium sulfur batteries: Thermodynamic and kinetic aspects using density functional theory. <i>Applied Surface Science</i> , 2021, 550, 149358.	6.1	8
5	Improving the polysulfide barrier by efficient carbon nanofibers coating on separator/cathode for Li-S batteries. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2341-2351.	2.5	7
6	Modeling of substitutionally modified graphene structures to prevent the shuttle mechanism in lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2019, 309, 402-414.	5.2	21
7	First-Principles studies of silicon underpotential deposition on defective graphene and its relevance for lithium-ion battery materials. <i>Electrochimica Acta</i> , 2016, 208, 92-101.	5.2	14
8	New kinetic insight into the spontaneous oxidation process of lithium in air by EPMA. <i>Applied Surface Science</i> , 2016, 383, 64-70.	6.1	4
9	A Theorem Relating Solutions of a Fourth-Order Theory of Gravity to General Relativity. <i>General Relativity and Gravitation</i> , 1999, 31, 213-218.	2.0	2
10	The energy concept and the binding energy in a class of scalar-tensor theories of gravity. <i>Classical and Quantum Gravity</i> , 1994, 11, 2113-2126.	4.0	9