

Tatiana K Zakharchenko

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

162
citations

1307594
7
h-index

1474206
9
g-index

10
all docs

10
docs citations

10
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Protected anodes for lithium-air batteries. Solid State Ionics, 2011, 184, 62-64.	2.7	52
2	Lithium peroxide crystal clusters as a natural growth feature of discharge products in Li ₂ O ₂ cells. Beilstein Journal of Nanotechnology, 2013, 4, 758-762.	2.8	34
3	Small-angle neutron scattering studies of pore filling in carbon electrodes: mechanisms limiting lithium-air battery capacity. Nanoscale, 2019, 11, 6838-6845.	5.6	24
4	Homogeneous nucleation of Li ₂ O ₂ under Li ₂ O ₂ battery discharge. Nanoscale, 2020, 12, 4591-4601.	5.6	19
5	Notable Reactivity of Acetonitrile Towards Li ₂ O ₂ /LiO ₂ Probed by NAP XPS During Li ₂ O ₂ Battery Discharge. Topics in Catalysis, 2018, 61, 2114-2122.	2.8	12
6	Positive Electrode Passivation by Side Discharge Products in Li ₂ O ₂ Batteries. Langmuir, 2020, 36, 8716-8722.	3.5	9
7	Impact of Cathodic Electric Double Layer Composition on the Performance of Aprotic Li-O ₂ Batteries. Journal of the Electrochemical Society, 2021, 168, 030520.	2.9	9
8	Applying the deconvolution approach in order to enhance RRDE time resolution: Experimental noise and imposed limitations. Electrochimica Acta, 2019, 298, 858-865.	5.2	2
9	Magnetic resonance spectroscopy approaches for electrochemical research. Physical Sciences Reviews, 2018, 3, .	0.8	1