

Lis G A Melo

List of Publications by Year in descending order

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14
papers

192
citations

1039880

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1125617

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docs citations

14
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	4D imaging of polymer electrolyte membrane fuel cell catalyst layers by soft X-ray spectro-tomography. <i>Journal of Power Sources</i> , 2018, 381, 72-83.	4.0	48
2	Evaluating focused ion beam and ultramicrotome sample preparation for analytical microscopies of the cathode layer of a polymer electrolyte membrane fuel cell. <i>Journal of Power Sources</i> , 2016, 312, 23-35.	4.0	22
3	Quantitative Mapping of Ionomer in Catalyst Layers by Electron and X-ray Spectromicroscopy. <i>ECS Transactions</i> , 2017, 80, 275-282.	0.3	20
4	X-ray Absorption and Solid-State NMR Spectroscopy of Fluorinated Proton Conducting Polymers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3233-3244.	1.5	18
5	Imaging Reactivity of the Pt-Ionomer Interface in Fuel-Cell Catalyst Layers. <i>ACS Catalysis</i> , 2020, 10, 8285-8292.	5.5	16
6	Nano characterization of gunshot residues from Brazilian ammunition. <i>Forensic Science International</i> , 2014, 240, 69-79.	1.3	15
7	Electron beam damage of perfluorosulfonic acid studied by soft X-ray spectromicroscopy. <i>Micron</i> , 2019, 121, 8-20.	1.1	12
8	Characterization of X-ray Damage to Perfluorosulfonic Acid Using Correlative Microscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16023-16033.	1.5	11
9	Electron beam damage of epoxy resin films studied by scanning transmission X-ray spectromicroscopy. <i>Micron</i> , 2019, 120, 74-79.	1.1	11
10	Effect of UV radiation damage in air on polymer film thickness, studied by soft X-ray spectromicroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16625-16640.	1.3	8
11	First-principles X-ray absorption dose calculation for time-dependent mass and optical density. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 833-847.	1.0	6
12	Optimizing Soft X-ray Spectromicroscopy for Fuel Cell Studies: X-ray Damage of Ionomer.. <i>Microscopy and Microanalysis</i> , 2018, 24, 460-461.	0.2	4
13	Calculating absorption dose when X-ray irradiation modifies material quantity and chemistry. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 834-848.	1.0	1
14	Quantitative Mapping of Ionomer in Catalyst Layers by Electron and X-ray Spectromicroscopy. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0