

# Lis G A Melo

## List of Publications by Year in descending order

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14  
papers

192  
citations

1039880

9  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

255  
citing authors

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