Leonardo JosÃ© Amaral de Siqueira

List of Publications by Year
in descending order

33 papers	988 citations	430874 18 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	1196 citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and power performances of binary mixtures of ionic liquids in planar and porous electrodes by molecular dynamics simulations. Electrochimica Acta, 2022, 410, 139982.	5.2	8
2	Poly(p-phenylene vinylene-b-ethylene glycol) dispersed in butyltrimethylammonium bis(trifluoromethanesulfonyl)imide as luminescent ionic liquids. Materials Chemistry and Physics, 2022, 284, 126021.	4.0	3
3	Development of coarse-grained force field to investigate sodium-ion transport mechanisms in cyanoborate-based ionic liquid. Journal of Molecular Liquids, 2021, 338, 116648.	4.9	6
4	Comparing Graphite and Graphene Oxide Supercapacitors with a Constant Potential Model. Journal of Physical Chemistry C, 2021, 125, 2318-2326.	3.1	13
5	Molecular Dynamics Simulations of Polymerâ€“Ionic Liquid (1-Ethyl-3-methylimidazolium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Information and Modeling, 2020, 60, 485-499.	5.4	23
6	Comparing the performance of sulfonium and phosphonium ionic liquids as electrolytes for supercapacitors by molecular dynamics simulations. Electrochimica Acta, 2020, 364, 137181.	5.2	24
7	Ether-Functionalized Sulfonium Ionic Liquid and Its Binary Mixtures with Acetonitrile as Electrolyte for Electrochemical Double Layer Capacitors: A Molecular Dynamics Study. Journal of Physical Chemistry B, 2020, 124, 6679-6689.	2.6	20
8	Solvent effects and energy transfer processes in luminescent composite. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 397, 112581.	3.9	1
9	Atomistic study of the physical properties of sulfonium-based ionic liquids as electrolyte for supercapacitors. Journal of Molecular Liquids, 2019, 296, 112065.	4.9	19
10	Molecular Dynamics Simulations of Ether-Modified Phosphonium Ionic Liquid Confined in between Planar and Porous Graphene Electrode Models. Journal of Physical Chemistry C, 2019, 123, 10816-10825.	3.1	24
11	Understanding the Influence of the Electrochemical Behavior of Potassium Hexacyanoferrate(II/III) on Acetonitrile/Water Binary Mixtures: An Experimental and Molecular Dynamics Study. Journal of Physical Chemistry C, 2018, 122, 2717-2725.	3.1	5
12	Molecular dynamics simulations of polyethers and a quaternary ammonium ionic liquid as CO2 absorbers. Journal of Chemical Physics, 2018, 148, 134908.	3.0	13
13	Molecular dynamics and a spectroscopic study of sulfur dioxide absorption by an ionic liquid and its mixtures with PEO. Physical Chemistry Chemical Physics, 2016, 18, 28901-28910.	2.8	11
14	Mechanism of Action of Thymol on Cell Membranes Investigated through Lipid Langmuir Monolayers at the Airâ€“Water Interface and Molecular Simulation. Langmuir, 2016, 32, 3234-3241.	3.5	47
15	Probing the local environment of hybrid materials designed from ionic liquids and synthetic clay by Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 469-475.	3.9	20
16	Molecular Dynamics Simulations of Acidic Gases at Interface of Quaternary Ammonium Ionic Liquids. Journal of Physical Chemistry C, 2014, 118, 22012-22020.	3.1	27
17	Structure of tetraalkylammonium ionic liquids in the interlayer of modified montmorillonite. Journal of Physics Condensed Matter, 2014, 26, 284107.	1.8	6
18	The Equilibrium Structure of Lithium Salt Solutions in Ether-Functionalized Ammonium Ionic Liquids. Journal of Physical Chemistry B, 2012, 116, 12319-12324.	2.6	16

#	Article	IF	Citations
19	From molten salts to room temperature ionic liquids: Simulation studies on chloroaluminate systems. Faraday Discussions, 2012, 154, 171-188.	3.2	59
20	Effect of SO₂ on the Transport Properties of an Imidazolium Ionic Liquid and Its Lithium Solution. Journal of Physical Chemistry B, 2011, 115, 9662-9670.	2.6	18
21	Charge ordering and intermediate range order in ammonium ionic liquids. Journal of Chemical Physics, 2011, 135, 204506.	3.0	56
22	Monitoring the 1160cmâ¯1 band of pyridazine to investigate complexes with formamide. Vibrational Spectroscopy, 2011, 55, 273-278.	2.2	6
23	Raman spectra of polymer electrolytes based on poly(ethylene glycol) dimethyl ether, lithium perchlorate, and the ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate. Vibrational Spectroscopy, 2010, 54, 155-158.	2.2	19
24	Alkoxy Chain Effect on the Viscosity of a Quaternary Ammonium Ionic Liquid: Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2009, 113, 1074-1079.	2.6	99
25	Shielding of Ionic Interactions by Sulfur Dioxide in an Ionic Liquid. Journal of Physical Chemistry B, 2008, 112, 6430-6435.	2.6	52
26	Molecular Dynamics Simulation of the Ionic LiquidN-Ethyl-N,N-dimethyl-N-(2-methoxyethyl)ammonium Bis(trifluoromethanesulfonyl)imide. Journal of Physical Chemistry B, 2007, 111, 11776-11785.	2.6	71
27	The Sulfur Dioxideâ¯1-Butyl-3-Methylimidazolium Bromide Interaction:â€‰ Drastic Changes in Structural and Physical Properties. Journal of Physical Chemistry B, 2007, 111, 8717-8719.	2.6	95
28	Vibrational characterization of poly(1-methylpyrrole-co-squaric acid) and poly(1-dodecylpyrrole-co-squaric acid) by enhanced Raman spectroscopy. Journal of Raman Spectroscopy, 2006, 37, 1346-1353.	2.5	10
29	Molecular dynamics simulation of the polymer electrolyte poly(ethylene oxide)/LiClO4. II. Dynamical properties. Journal of Chemical Physics, 2006, 125, 214903.	3.0	56
30	Molecular dynamics simulation of the polymer electrolyte poly(ethyleneoxide)â•LiClO4. I. Structural properties. Journal of Chemical Physics, 2005, 122, 194911.	3.0	58
31	Molecular dynamics simulation of molten sodium chlorate. Journal of Chemical Physics, 2003, 119, 8002-8012.	3.0	18
32	Potential tuberculostatic agents. Topliss application on benzoic acid [(5-Nitro-thiophen-2-yl)-methylene]-hydrazide series. Bioorganic and Medicinal Chemistry, 2002, 10, 557-560.	3.0	81
33	Synthesis of Furan Derivatives Condensed with Carbohydrates. Molecules, 2001, 6, 728-735.	3.8	4