

Marcileia Zanatta

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

794
citations

567144

15
h-index

526166

27
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all docs

29
docs citations

29
times ranked

926
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights on recyclable catalytic system composed of task-specific ionic liquids for the chemical fixation of carbon dioxide. <i>Green Chemistry</i> , 2014, 16, 2815-2825.	4.6	183
2	Revisiting Ionic Liquid Structure-Property Relationship: A Critical Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7745.	1.8	79
3	Carbon Dioxide Capture by Aqueous Ionic Liquid Solutions. <i>ChemSusChem</i> , 2017, 10, 4927-4933.	3.6	70
4	Advanced porous materials from poly(ionic liquid)s: Challenges, applications and opportunities. <i>Chemical Engineering Journal</i> , 2021, 411, 128528.	6.6	53
5	The Formation of Imidazolium Salt Intimate (Contact) Ion Pairs in Solution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12817-12821.	7.2	41
6	Confined water in imidazolium based ionic liquids: a supramolecular guest@host complex case. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18297-18304.	1.3	36
7	The Nature of Carbon Dioxide in Bare Ionic Liquids. <i>ChemSusChem</i> , 2020, 13, 3101-3109.	3.6	34
8	Cation-Anion-CO ₂ Interactions in Imidazolium-Based Ionic Liquid Sorbents. <i>ChemPhysChem</i> , 2018, 19, 2879-2884.	1.0	33
9	Comparative Study of the Regioselectivity and Reaction Media for the Synthesis of <i>tert</i> -Butyl- β (5)-trifluoromethyl-1 <i>H</i> -pyrazoles. <i>European Journal of Organic Chemistry</i> , 2012, 7112-7119.		27
10	Correspondence on Preorganization and Cooperation for Highly Efficient and Reversible Capture of Low-Concentration CO ₂ by Ionic Liquids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 382-385.	7.2	27
11	Organocatalytic Imidazolium Ionic Liquids H/D Exchange Catalysts. <i>Journal of Organic Chemistry</i> , 2017, 82, 2622-2629.	1.7	26
12	Dealing with supramolecular structure for ionic liquids: a DOSY NMR approach. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2567-2571.	1.3	25
13	Efficient Electrocatalytic CO ₂ Reduction Driven by Ionic Liquid Buffer-Like Solutions. <i>ChemSusChem</i> , 2019, 12, 4170-4175.	3.6	19
14	Intermolecular hydrogen bonds in water@IL supramolecular complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11608-11614.	1.3	18
15	Correspondence on Preorganization and Cooperation for Highly Efficient and Reversible Capture of Low-Concentration CO ₂ by Ionic Liquids. <i>Angewandte Chemie</i> , 2018, 131, 388.	1.6	18
16	Photocatalytic Reverse Semi-Combustion Driven by Ionic Liquids. <i>ChemSusChem</i> , 2019, 12, 1011-1016.	3.6	17
17	The Formation of Imidazolium Salt Intimate (Contact) Ion Pairs in Solution. <i>Angewandte Chemie</i> , 2014, 126, 13031-13035.	1.6	14
18	Handling CO ₂ sorption mechanism in PIL@IL composites. <i>Journal of CO₂ Utilization</i> , 2020, 41, 101225.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Towards highly efficient continuous-flow catalytic carbon dioxide cycloadditions with additively manufactured reactors. <i>Green Chemistry</i> , 2022, 24, 3300-3308.	4.6	12
20	Ionic liquids and biomass as carbon precursors: Synergistically answering a call for CO ₂ capture and conversion. <i>Fuel</i> , 2022, 327, 125164.	3.4	11
21	Evaluation of the synthesis of 1-(pentafluorophenyl)-4,5-dihydro-1H-pyrazoles using green metrics. <i>Monatshefte für Chemie</i> , 2013, 144, 1043-1050.	0.9	9
22	Reverse Semi-Combustion Driven by Titanium Dioxide-Ionic Liquid Hybrid Photocatalyst. <i>ChemSusChem</i> , 2020, 13, 5580-5585.	3.6	8
23	DMSO/IL solvent systems for cellulose dissolution: Binary or ternary mixtures?. <i>Journal of Molecular Liquids</i> , 2022, 345, 117810.	2.3	6
24	The AEROPILs Generation: Novel Poly(Ionic Liquid)-Based Aerogels for CO ₂ Capture. <i>International Journal of Molecular Sciences</i> , 2022, 23, 200.	1.8	6
25	From biopolymer dissolution to CO ₂ capture under atmospheric pressure - A molecular view on biopolymer@Ionic liquid materials. <i>Journal of Cleaner Production</i> , 2022, 367, 132977.	4.6	4
26	Molecular Interactions in Ionic Liquids: The NMR Contribution towards Tailored Solvents. , 0, , .		3
27	Solvent influence on imidazolium based ionic liquid contact pairs. <i>Journal of Molecular Liquids</i> , 2020, 315, 113615.	2.3	2