

J Baudoux

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

937
citations

623734

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713466

21
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25
all docs

25
docs citations

25
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic liquids and chirality: opportunities and challenges. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3081-3093.	1.8	401
2	Asymmetric Malonic and Acetoacetic Acid Syntheses – A Century of Enantioselective Decarboxylative Protonations. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5493-5506.	2.4	81
3	Design and synthesis of novel ionic liquid/liquid crystals (IL2Cs) with axial chirality. <i>Tetrahedron Letters</i> , 2005, 46, 1137-1140.	1.4	67
4	Environmentally benign metal-free decarboxylative aldol and Mannich reactions. <i>Green Chemistry</i> , 2010, 12, 252-259.	9.0	57
5	Organocatalyzed route to enantioenriched pipercolic esters: decarboxylation of an aminomalonate hemiester. <i>Tetrahedron</i> , 2006, 62, 6155-6165.	1.9	43
6	From Ionic Liquid Epoxy Monomer to Tunable Epoxy–Amine Network: Reaction Mechanism and Final Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3602-3613.	6.7	33
7	Dimethyldioxirane (DMDO) as a valuable oxidant for the synthesis of polyfunctional aromatic imidazolium monomers bearing epoxides. <i>Green Chemistry</i> , 2017, 19, 5054-5059.	9.0	31
8	Direct Synthesis of β -Hydroxy- α -amino Acids via Diastereoselective Decarboxylative Aldol Reaction. <i>Organic Letters</i> , 2013, 15, 5770-5773.	4.6	29
9	New Epoxy Thermosets Derived from a Bisimidazolium Ionic Liquid Monomer: An Experimental and Modeling Investigation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12208-12221.	6.7	25
10	Antibacterial surface based on new epoxy-amine networks from ionic liquid monomers. <i>European Polymer Journal</i> , 2019, 116, 56-64.	5.4	24
11	Cycloaliphatic epoxidized ionic liquids as new versatile monomers for the development of shape memory PIL networks by 3D printing. <i>Polymer Chemistry</i> , 2020, 11, 5475-5483.	3.9	23
12	Ionic Liquids: A Versatile Platform for the Design of a Multifunctional Epoxy Networks 2.0 Generation. <i>Progress in Polymer Science</i> , 2022, 132, 101581.	24.7	22
13	CNSL, a Promising Building Blocks for Sustainable Molecular Design of Surfactants: A Critical Review. <i>Molecules</i> , 2022, 27, 1443.	3.8	21
14	Thioamide-Substituted Cinchona Alkaloids as Efficient Organocatalysts for Asymmetric Decarboxylative Reactions of MAHOs. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4319-4323.	2.4	19
15	Straightforward and Stereoselective Synthesis of β , γ -Diamino Acid Derivatives by Means of an Organocatalyzed Decarboxylative Mannich Reaction. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3240-3243.	2.4	10
16	Stereoselective synthesis of dehydroamino acids using malonic acid half oxyester and aromatic aldehydes. <i>Tetrahedron</i> , 2016, 72, 2369-2375.	1.9	9
17	Sulfonimides versus ketosulfonamides as epoxidized imidazolium counterions: towards a new generation of ionic liquid monomers. <i>New Journal of Chemistry</i> , 2021, 45, 2953-2957.	2.8	7
18	3-[2-(Oxiran-2-yl)ethyl]-1-[4-[(2-oxiran-2-yl)ethoxy]benzyl]imidazolium bis(Trifluoromethane)sulfonimide. <i>MolBank</i> , 2018, 2018, M974.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Self-Catalyzed Coupling between Brønsted-Acidic Imidazolium Salts and Epoxy-Based Materials: A Theoretical/Experimental Study. ACS Sustainable Chemistry and Engineering, 2019, 7, 19050-19061.	6.7	5
20	Metal-Free S _N 2 Decarboxylative Rearrangement of α -Keto Esters. European Journal of Organic Chemistry, 2011, 2011, 4170-4175.	2.4	4
21	Sulfonates as Versatile Structural Counterions of Epoxidized Salts. ChemSusChem, 2022, 15, .	6.8	4
22	Synthesis of 1-[1H,1H,2H,2H-perfluorooctyl]-3-[2-(oxiran-2-yl)ethyl]imidazolium 4-[(2-oxiran-2-yl)ethoxy]benzenesulfonate as a New Perfluorinated Ionic Monomer. MolBank, 2022, 2022, M1409.	0.5	0