Cinzia Chiappe

List of Publications by Year
in descending order

240 papers	9,962 citations	38660 50 h-index	51492 86 g-index
287 all docs	287 docs citations	287 times ranked	8948 citing authors

#	Article	IF	Citations
1	Ionic liquids: solvent properties and organic reactivity. Journal of Physical Organic Chemistry, 2005, 18, 275-297.	0.9	1,051
2	Acute toxicity of ionic liquids to the zebrafish (Danio rerio). Green Chemistry, 2006, 8, 238-240.	4.6	389
3	Acute toxicity of ionic liquids for three freshwater organisms: Pseudokirchneriella subcapitata, Daphnia magna and Danio rerio. Ecotoxicology and Environmental Safety, 2009, 72, 1170-1176.	2.9	254
4	Are ionic liquids a proper solution to current environmental challenges?. Green Chemistry, 2014, 16, 2375.	4.6	240
5	Development of Cation/Anion â€œInteractionâ€•Scales for Ionic Liquids through ESI-MS Measurements. Journal of Physical Chemistry B, 2007, 111, 598-604.	1.2	181
6	Tailor-made ionic liquids. Journal of Chemical Thermodynamics, 2005, 37, 537-558.	1.0	180
7	Development of Nitrile-Functionalized Ionic Liquids for Câ^'C Coupling Reactions:â€‰ Implication of Carbene and Nanoparticle Catalysts. Organometallics, 2007, 26, 1588-1598.	1.1	160
8	Influence of the Interaction between Hydrogen Sulfide and Ionic Liquids on Solubility:â€‰ Experimental and Theoretical Investigation. Journal of Physical Chemistry B, 2007, 111, 13014-13019.	1.2	148
9	Influence of Structural Variations in Cationic and Anionic Moieties on the Polarity of Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 9653-9661.	1.2	134
10	A rationalization of the solvent effect on the Dielsâ€“Alder reaction in ionic liquids using multiparameter linear solvation energy relationships. Organic and Biomolecular Chemistry, 2008, 6, 2522.	1.5	131
11	Ionic Green Solvents from Renewable Resources. European Journal of Organic Chemistry, 2007, 2007, 1049-1058.	1.2	130
12	The solvent effect on the Dielsâ€“Alder reaction in ionic liquids: multiparameter linear solvation energy relationships and theoretical analysis. Green Chemistry, 2010, 12, 1330.	4.6	114
13	Nucleophilic Displacement Reactions in Ionic Liquids:Â Substrate and Solvent Effect in the Reaction of NaN3and KCN with Alkyl Halides and Tosylatesâ€. Journal of Organic Chemistry, 2003, 68, 6710-6715.	1.7	113
14	Ecotoxicity of pristine graphene to marine organisms. Ecotoxicology and Environmental Safety, 2014, 101, 138-145.	2.9	111
15	Remarkable Anion and Cation Effects on Stille Reactions in Functionalised Ionic Liquids. Advanced Synthesis and Catalysis, 2006, 348, 68-74.	2.1	106
16	Validation of the Copper(I)-Catalyzed Azideâ^'Alkyne Coupling in Ionic Liquids. Synthesis of a Triazole-Linked C-Disaccharide as a Case Study. Journal of Organic Chemistry, 2008, 73, 2458-2461.	1.7	105
17	Stereoselective Halogenations of Alkenes and Alkynes in Ionic Liquids. Organic Letters, 2001, 3, 1061-1063.	2.4	103
18	What is the Nature of the First-Formed Intermediates in the Electrophilic Halogenation of Alkenes, Alkynes, and Allenes?. Chemistry - A European Journal, 2003, 9, 1036-1044.	1.7	102

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19	Water sorption by anhydrous ionic liquids. Green Chemistry, 2011, 13, 1712.	4.6	102
20	Ionic liquids as potential enhancers for transdermal drug delivery. International Journal of Pharmaceutics, 2017, 516, 45-51.	2.6	101
21	Nanostructural Organization of Ionic Liquids: Theoretical and Experimental Evidences of the Presence of Well Defined Local Structures in Ionic Liquids. Monatshefte FÃ¼r Chemie, 2007, 138, 1035-1043.	0.9	92
22	QSPR correlation for conductivities and viscosities of lowâ€temperature melting ionic liquids. Journal of Physical Organic Chemistry, 2008, 21, 622-629.	0.9	84
23	The Heck Reaction in Ionic Liquids: Progress and Challenges. Molecules, 2010, 15, 2211-2245.	1.7	84
24	Pointâ€Functionalization of Ionic Liquids: An Overview of Synthesis and Applications. European Journal of Organic Chemistry, 2014, 2014, 6120-6139.	1.2	80
25	Glucose-derived ionic liquids: exploring low-cost sources for novel chiral solvents. Green Chemistry, 2007, 9, 337.	4.6	78
26	Ionic liquids: Solvation ability and polarity. Pure and Applied Chemistry, 2009, 81, 767-776.	0.9	78
27	Preparative synthesis of chiral alcohols by enantioselective reduction with Daucus carota root as biocatalyst. Journal of Molecular Catalysis B: Enzymatic, 2000, 11, 55-58.	1.8	76
28	Structural Effects on the Physicoâ€Chemical and Catalytic Properties of Acidic Ionic Liquids: An Overview. European Journal of Organic Chemistry, 2011, 2011, 5517-5539.	1.2	76
29	The effect of the anion on the physical properties of trihalide-based N,N-dialkylimidazolium ionic liquids. Organic and Biomolecular Chemistry, 2005, 3, 1624.	1.5	75
30	Theoretical descriptor for the correlation of aquatic toxicity of ionic liquids by quantitative structureâ€“toxicity relationships. Chemical Engineering Journal, 2011, 175, 17-23.	6.6	75
31	Trihalide-based ionic liquids. Reagent-solvents for stereoselective iodination of alkenes and alkynes. Green Chemistry, 2002, 4, 621-627.	4.6	72
32	Acute toxicity and biodegradability of N-alkyl-N-methylmorpholinium and N-alkyl-DABCO based ionic liquids. Ecotoxicology and Environmental Safety, 2011, 74, 748-753.	2.9	71
33	Kinetic Study of the Addition of Trihalides to Unsaturated Compounds in Ionic Liquids. Evidence of a Remarkable Solvent Effect in the Reaction of ICl2-. Journal of Organic Chemistry, 2004, 69, 6059-6064.	1.7	70
34	Determination of the Polarities of Some Ionic Liquids Using 2-Nitrocyclohexanone as the Probe. Journal of Organic Chemistry, 2005, 70, 8193-8196.	1.7	70
35	Determination of Ionic Liquids Solvent Properties Using an Unusual Probe:Â The Electron Donorâ^'Acceptor Complex between 4,4â€˜-bis(Dimethylamino)-benzophenone and Tetracyanoethene. Journal of Physical Chemistry A, 2006, 110, 4937-4941.	1.1	69
36	Microwave-Enhanced Ionothermal CuAAC for the Synthesis of Glycoclusters on a Calix[4]arene Platform. Journal of Organic Chemistry, 2008, 73, 6437-6440.	1.7	62

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37	A dramatic effect of the ionic liquid structure in esterification reactions in protic ionic media. Green Chemistry, 2013, 15, 137-143.	4.6	62
38	The metabolism of carbamazepine in humans: steric course of the enzymic hydrolysis of the 10,11-epoxide. Journal of Medicinal Chemistry, 1987, 30, 768-773.	2.9	61
39	Biocatalysis in ionic liquids: the stereoconvergent hydrolysis of trans-Î²-methylstyrene oxide catalyzed by soluble epoxide hydrolase. Journal of Molecular Catalysis B: Enzymatic, 2004, 27, 243-248.	1.8	60
40	Nature of the Interaction of Olefin-Bromine Complexes. Inference from (E)-2,2,5,5-Tetramethyl-3,4-diphenylhex-3-ene, the First Example of an Olefin Whose Reaction with Bromine Stops at the Stage of .pi. Complex Formation. Journal of the American Chemical Society, 1995, 117, 12001-12002.	6.6	59
41	Selective N-alkylation of anilines in ionic liquids. Green Chemistry, 2006, 8, 277-281.	4.6	59
42	Application of hydrophilic ionic liquids as co-solvents in chloroperoxidase catalyzed oxidations. Tetrahedron Letters, 2006, 47, 5089-5093.	0.7	59
43	Highly efficient bromination of aromatic compounds using 3-methylimidazolium tribromide as reagent/solvent. Chemical Communications, 2004, , 2536.	2.2	58
44	Ionic liquids: prediction of their melting points by a recursive neural network model. Green Chemistry, 2008, 10, 306.	4.6	58
45	Nitrile-functionalized pyrrolidinium ionic liquids as solvents for cross-coupling reactions involving in situ generated nanoparticlecatalyst reservoirs. Physical Chemistry Chemical Physics, 2010, 12, 1834-1841.	1.3	58
46	Spectroscopic and Theoretical Investigations of Electrophilic Bromination Reactions of Alkynes: The First Evidence for Ï€ Complexes as Reaction Intermediates. Chemistry - A European Journal, 1999, 5, 1570-1580.	1.7	55
47	Ligandless Stille cross-coupling in ionic liquidsElectronic supplementary information (ESI) available: Stille coupling of iodobenzene with tributylvinylstannane in ionic liquids with complexed palladium catalyst. See http://www.rsc.org/suppdata/gc/b3/b313221h/. Green Chemistry, 2004, 6, 33.	4.6	55
48	Crown ether catalyzed stereospecific synthesis of Z- and E-stilbenes by wittig reaction in a solid-liquid two-phases system. Tetrahedron Letters, 1996, 37, 4225-4228.	0.7	54
49	Direct mono-N-alkylation of amines in ionic liquids: chemoselectivity and reactivityThis work was presented at the Green Solvents for Catalysis Meeting, held in Bruschal, Germany, 13â€“16 October 2002.. Green Chemistry, 2003, 5, 193-197.	4.6	54
50	Effect of Ionic Liquids on the Menschutkin Reaction: An Experimental and Theoretical Study. Journal of Organic Chemistry, 2009, 74, 8522-8530.	1.7	54
51	Development of cost-effective biodiesel from microalgae using protic ionic liquids. Green Chemistry, 2016, 18, 4982-4989.	4.6	52
52	Synthesis and Applications of Ionic Liquids Derived from Natural Sugars. Topics in Current Chemistry, 2010, 295, 177-195.	4.0	51
53	An unusual common ion effect promotes dissolution of metal salts in room-temperature ionic liquids: a strategy to obtain ionic liquids having organicâ€“inorganic mixed cations. Green Chemistry, 2010, 12, 77-80.	4.6	51
54	[Hmim][NO3]â€”an efficient solvent and promoter in the oxidative aromatic chlorination. Green Chemistry, 2006, 8, 742-745.	4.6	50

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55	A simple and highly diastereoselective preparation of glycal epoxides using the MCPBA-KF complex. Tetrahedron Letters, 1994, 35, 8433-8436.	0.7	49
56	Bromination of Alkynes in Ionic Liquids â^' A Kinetic Investigation. European Journal of Organic Chemistry, 2002, 2002, 2831.	1.2	49
57	Structures and Unusual Rearrangements of Coordination Adducts of MX5 (M = Nb, Ta; X = F, Cl) with Simple Diethers. A Crystallographic, Spectroscopic, and Computational Study. Inorganic Chemistry, 2010, 49, 339-351.	1.9	49
58	Pyrazolium- versus Imidazolium-Based Ionic Liquids: Structure, Dynamics and Physicochemical Properties. Journal of Physical Chemistry B, 2013, 117, 668-676.	1.2	49
59	Comparative evaluation of antimicrobial activity of different types of ionic liquids. Materials Science and Engineering C, 2019, 104, 109907.	3.8	49
60	Enantioconvergent transformation of racemic cis-Î²-alkyl substituted styrene oxides to (R,R) threo diols by microsomal epoxide hydrolase catalysed hydrolysis. Tetrahedron: Asymmetry, 1996, 7, 197-202.	1.8	48
61	A theoretical study of the solvent effect on Diels-Alder reaction in room temperature ionic liquids using a supermolecular approach. Theoretical Chemistry Accounts, 2009, 123, 347-352.	0.5	48
62	Systematic Synthesis and Properties Evaluation of Dicationic Ionic Liquids, and a Glance Into a Potential New Field. Frontiers in Chemistry, 2018, 6, 612.	1.8	48
63	Substrate enantioselection in the microsomal epoxide hydrolase catalyzed hydrolysis of monosubstituted oxiranes. Effects of branching of alkyl chains. Journal of Organic Chemistry, 1989, 54, 5978-5983.	1.7	47
64	Recycle and Extraction: Cornerstones for an Efficient Conversion of Cellulose into 5-Hydroxymethylfurfural in Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2017, 5, 5529-5536.	3.2	47
65	Different enantioselectivity and regioselectivity of the cytosolic and microsomal epoxide hydrolase catalyzed hydrolysis of simple phenyl substituted epoxides. Tetrahedron Letters, 1994, 35, 4219-4222.	0.7	46
66	Evaluation of the effect of the dicationic ionic liquid structure on the cycloaddition of CO2 to epoxides. Journal of CO2 Utilization, 2019, 34, 437-445.	3.3	45
67	Ab Initio Study of Ionic Liquids by KS-DFT/3D-RISM-KH Theory. Journal of Physical Chemistry B, 2009, 113, 3536-3542.	1.2	43
68	Purification of Kraft cellulose under mild conditions using choline acetate based deep eutectic solvents. Green Chemistry, 2020, 22, 8680-8691.	4.6	43
69	The formation of pentabromide ions from bromine and bromide in moderate polarity aprotic solvents and their possible involvement in the product determining step of olefin. Journal of the American Chemical Society, 1989, 111, 199-202.	6.6	42
70	Formation of Bromocarbenium Bromide Ion Pairs in the Electrophilic Bromination of Highly Reactive Olefins in Chlorinated Aprotic Solventsâ€. Journal of Organic Chemistry, 1997, 62, 3176-3182.	1.7	42
71	Highly concentrated â€œsolutionsâ€•of metal cations in ionic liquids: current status and future challenges. Physical Chemistry Chemical Physics, 2010, 12, 11191.	1.3	42
72	Spectroscopic Detection and Theoretical Studies of a 2:1 Bromineâ€“Olefinï€ Complex. Angewandte Chemie International Edition in English, 1997, 36, 1284-1287.	4.4	41

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73	The â€œnon-nucleophilicâ€•anion [Tf2N]â€“ competes with the nucleophilic Brâ€“: an unexpected trapping in the dediazoniation reaction in ionic liquids. Chemical Communications, 2006, , 897.	2.2	41
74	The solution behavior of the adamantylideneadamantane-bromine system: existence of equilibrium mixtures of bromonium-polybromide salts and a strong 1:1 molecular charge-transfer complex. Journal of the American Chemical Society, 1989, 111, 2640-2647.	6.6	40
75	Dissolution of Metal Salts in Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids: Studying the Affinity of Metal Cations Toward a â€œWeakly Coordinatingâ€•Anion. Journal of Physical Chemistry A, 2015, 119, 5078-5087.	1.1	40
76	A general environmentally friendly access to long chain fatty acid ionic liquids (LCFA-ILs). Green Chemistry, 2017, 19, 3103-3111.	4.6	40
77	Styrene oxidation by hydrogen peroxide in ionic liquids: the role of the solvent on the competition between two Pd-catalyzed processes, oxidation and dimerization. Green Chemistry, 2011, 13, 1437.	4.6	39
78	Computational studies on organic reactivity in ionic liquids. Physical Chemistry Chemical Physics, 2013, 15, 412-423.	1.3	39
79	An insight into the mechanism of the aerobic oxidation of aldehydes catalyzed by N-heterocyclic carbenes. Chemical Communications, 2014, 50, 2008-2011.	2.2	39
80	Epoxidation of electrophilic alkenes in ionic liquids. Green Chemistry, 2002, 4, 94-96.	4.6	38
81	Basic ionic liquids based on monoquaternized 1,4-diazobicyclo[2.2.2]octane (dabco) and dicyanamide anion: Physicochemical and solvent properties. Pure and Applied Chemistry, 2009, 81, 2035-2043.	0.9	38
82	Ab Initio Study of the Dielsâ”Alder Reaction of Cyclopentadiene with Acrolein in a Ionic Liquid by KS-DFT/3D-RISM-KH Theory. Journal of Chemical Theory and Computation, 2010, 6, 179-183.	2.3	38
83	Ionic Liquids Can Significantly Improve Textile Dyeing: An Innovative Application Assuring Economic and Environmental Benefits. ACS Sustainable Chemistry and Engineering, 2015, 3, 2303-2308.	3.2	38
84	Formation, Oxidation, and Fate of the Breslow Intermediate in the N-Heterocyclic Carbene-Catalyzed Aerobic Oxidation of Aldehydes. Journal of Organic Chemistry, 2017, 82, 302-312.	1.7	38
85	A family of chiral ionic liquids from the natural pool: Relationships between structure and functional properties and electrochemical enantiodiscrimination tests. Electrochimica Acta, 2019, 298, 194-209.	2.6	38
86	Preassociation, Free-Ion, and Ion-Pair Pathways in the Electrophilic Bromination of Substitutedcis-andtrans-Stilbenes in Protic Solvents. Journal of the American Chemical Society, 1997, 119, 12492-12502.	6.6	37
87	Synthesis of glycerol carbonate from glycerol and dimethyl carbonate in basic ionic liquids. Pure and Applied Chemistry, 2011, 84, 755-762.	0.9	37
88	Thermal behavior analysis as a valuable tool for comparing ionic liquids of different classes. Journal of Thermal Analysis and Calorimetry, 2019, 138, 3335-3345.	2.0	37
89	Evidence for a reversible electrophilic step in olefin bromination. The case of stilbenes. Journal of the American Chemical Society, 1987, 109, 515-522.	6.6	36
90	A RISM approach to the liquid structure and solvation properties of ionic liquids. Physical Chemistry Chemical Physics, 2007, 9, 5576.	1.3	36

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91	Synthesis and properties of glycerylimidazolium based ionic liquids: a promising class of task-specific ionic liquids. Green Chemistry, 2009, 11, 622.	4.6	36
92	Levulinate amidinium protic ionic liquids (PILs) as suitable media for the dissolution and levulination of cellulose. New Journal of Chemistry, 2019, 43, 4554-4561.	1.4	36
93	Different reversibility of bromonium vs .beta.-bromocarbonium ions formed during the electrophilic bromination of substituted stilbenes. Evidence for rate determination during the product-forming step. Journal of the American Chemical Society, 1991, 113, 8012-8016.	6.6	35
94	Chiral ionic liquids supported on natural sporopollenin microcapsules. RSC Advances, 2018, 8, 21174-21183.	1.7	35
95	Surface active fatty acid ILs: Influence of the hydrophobic tail and/or the imidazolium hydroxyl functionalization on aggregates formation. Journal of Molecular Liquids, 2019, 289, 111155.	2.3	34
96	Bromination of alkenes in acetonitrile. A rate and product study. Journal of Organic Chemistry, 1991, 56, 3067-3073.	1.7	33
97	Reaction of Crowded Olefins with Bromine. A Comparison of the Strained (E)-2,2,3,4,5,5-Hexamethylhex-3-ene with the Sterically Hindered Tetraisobutylethylene. Journal of the American Chemical Society, 1995, 117, 6243-6248.	6.6	33
98	Solvation thermodynamics of alkali and halide ions in ionic liquids through integral equations. Journal of Chemical Physics, 2008, 129, 074509.	1.2	32
99	Reaction of Singlet Oxygen with Thioanisole in Ionic Liquids: a Solvent Induced Mechanistic Dichotomy. Organic Letters, 2009, 11, 1413-1416.	2.4	32
100	Ionic liquids, ultra-sounds and microwaves: an effective combination for a sustainable extraction with higher yields. The cumin essential oil case. Reaction Chemistry and Engineering, 2017, 2, 577-589.	1.9	32
101	Insights into the levulinate-based ionic liquid class: synthesis, cellulose dissolution evaluation and ecotoxicity assessment. New Journal of Chemistry, 2019, 43, 13010-13019.	1.4	32
102	Effect of ionic liquids on epoxide hydrolase-catalyzed synthesis of chiral 1,2-diols. Green Chemistry, 2007, 9, 162-168.	4.6	31
103	Sugar-Derived Ionic Liquids. Chimia, 2011, 65, 76.	0.3	31
104	Product enantioselectivity of the microsomal and cytosolic epoxide hydrolase catalysed hydrolysis of meso epoxides. Journal of the Chemical Society Chemical Communications, 1989, , 1170.	2.0	30
105	Substituent Dependence of the Diastereofacial Selectivity in Iodination and Bromination of Glycals and Related Cyclic Enol Ethers. Journal of Organic Chemistry, 2000, 65, 8470-8477.	1.7	30
106	Electrodeposition of transition metals from highly concentrated solutions of ionic liquids. Surface and Coatings Technology, 2015, 264, 23-31.	2.2	30
107	Exploring and exploiting different catalytic systems for the direct conversion of cellulose into levulinic acid. New Journal of Chemistry, 2018, 42, 1845-1852.	1.4	30
108	Synthesis of colloidal Ag nanoparticles with citrate based ionic liquids as reducing and capping agents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 506-512.	2.3	30

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109	Stereoselectivity and reversibility of electrophilic bromine addition to stilbenes in chloroform: influence of the bromide-tribromide-pentabromide equilibrium in the counteranion of the ionic intermediates. Journal of Organic Chemistry, 1992, 57, 6474-6478.	1.7	29
110	Stereochemistry of the Biotransformation of 1-Hexene and 2-Methyl-1-hexene with Rat Liver Microsomes and Purified P450s of Rats and Humans. Chemical Research in Toxicology, 1998, 11, 1487-1493.	1.7	29
111	Hydrogen Sulfide and Ionic Liquids: Absorption, Separation, and Oxidation. Topics in Current Chemistry, 2017, 375, 52.	3.0	29
112	Reversibility of bromonium ion formation and its effect on olefin reactivity in electrophilic bromination. New evidence from the 5H-dibenz[b,f]azepine system. Journal of the American Chemical Society, 1988, 110, 546-552.	6.6	28
113	Steric Strain and Reactivity:â€‰ Electrophilic Bromination of trans-(1-Methyl-2-adamantylidene)-1-methyladamantane. Journal of Organic Chemistry, 2000, 65, 1273-1279.	1.7	28
114	Polarizability Effects and Dispersion Interactions in Alkene-Br2Ï€-Complexes. Journal of the American Chemical Society, 2003, 125, 2864-2865.	6.6	28
115	Excess entropy scaling of diffusion in room-temperature ionic liquids. Journal of Chemical Physics, 2010, 132, 244502.	1.2	28
116	Temperature effects on the viscosity and the wavelength-dependent refractive index of imidazolium-based ionic liquids with a phosphorus-containing anion. Physical Chemistry Chemical Physics, 2017, 19, 8201-8209.	1.3	28
117	From pollen grains to functionalized microcapsules: a facile chemical route using ionic liquids. Green Chemistry, 2017, 19, 1028-1033.	4.6	28
118	Access to cross-linked chitosans by exploiting CO₂ and the double solvent-catalytic effect of ionic liquids. Green Chemistry, 2017, 19, 1235-1239.	4.6	27
119	The Mechanism of Oxidation of Allylic Alcohols to Î±,Î²-Unsaturated Ketones by Cytochrome P450â€. Chemical Research in Toxicology, 1996, 9, 871-874.	1.7	26
120	A recyclable and base-free method for the synthesis of 3-iodothiophenes by the iodoheterocyclisation of 1-mercapto-3-alkyn-2-ols in ionic liquids. Organic and Biomolecular Chemistry, 2014, 12, 651-659.	1.5	26
121	Substrate enantioselectivity m the rabbit liver microsomal epoxide hydrolase catalyzed hydrolysis of trans and cis 1-phenylpropene oxides. A comparison with styrene oxide. Tetrahedron: Asymmetry, 1993, 4, 1153-1160.	1.8	25
122	Novel (Glycerol)borate-Based Ionic Liquids: An Experimental and Theoretical Study. Journal of Physical Chemistry B, 2010, 114, 5082-5088.	1.2	25
123	Interface properties of ionic liquids containing metal ions: features and potentialities. Physical Chemistry Chemical Physics, 2012, 14, 5045.	1.3	25
124	Product as Reaction Solvent: An Unconventional Approach for Ionic Liquid Synthesis. Organic Process Research and Development, 2016, 20, 2080-2084.	1.3	25
125	Auto-Tandem Catalysis in Ionic Liquids: Synthesis of 2-Oxazolidinones by Palladium-Catalyzed Oxidative Carbonylation of Propargylic Amines in EmimEtSO4. Molecules, 2016, 21, 897.	1.7	24
126	A Robust Fungal Allomelanin Mimic: An Antioxidant and Potent Ï€â€Electron Donor with Freeâ€Radical Properties that can be Tuned by Ionic Liquids. ChemPlusChem, 2019, 84, 1331-1337.	1.3	24

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127	Large formation constant of a transient 1:1 dl-D3-trishomocubylidene-D3-trishomocubane-dibromine charge-transfer complex: general implications for the mechanism of electrophilic bromination of olefins. Journal of Organic Chemistry, 1993, 58, 3575-3577.	1.7	23
128	Diastereoselective bromination of allyl glycosides using tetrabutylammonium tribromide. Tetrahedron: Asymmetry, 1995, 6, 221-230.	1.8	23
129	Divergent Syntheses of (Z)-3-Alkylideneisobenzofuran-1(3H)-ones and 1H-Isochromen-1-ones by Copper-Catalyzed Cycloisomerization of 2-Alkynylbenzoic Acids in Ionic Liquids. Journal of Organic Chemistry, 2018, 83, 6673-6680.	1.7	23
130	Deracemization of (Â±)-cis-dialkyl substituted oxides via enantioconvergent hydrolysis catalysed by microsomal epoxide hydrolase. Tetrahedron: Asymmetry, 1998, 9, 341-350.	1.8	22
131	Synthesis and properties of trialkyl(2,3-dihydroxypropyl)phosphonium salts, a new class of hydrophilic and hydrophobic glyceryl-functionalized ILs. Green Chemistry, 2012, 14, 148-155.	4.6	22
132	Improvements in the enzymatic synthesis of phosphatidylserine employing ionic liquids. Journal of Molecular Catalysis B: Enzymatic, 2012, 84, 132-135.	1.8	22
133	How to make a green product greener: use of ionic liquids as additives during essential oil hydrodistillation. RSC Advances, 2015, 5, 69894-69898.	1.7	22
134	Enantioselectivity of the enzymatic hydrolysis of cyclohexene oxide and (Â±)-1-methylcyclohexene oxide: a comparison between microsomal and cytosolic epoxide hydrolases. Journal of the Chemical Society Perkin Transactions 1, 1989, , 2369-2373.	0.9	21
135	Kinetics and stereochemistry of the microsomal epoxide hydrolase-catalyzed hydrolysis ofcis-stilbene oxides. Chirality, 1994, 6, 577-582.	1.3	21
136	Lifetime of the glucosyl oxocarbenium ion and stereoselectivity in the glycosidation of phenols with. Tetrahedron, 1997, 53, 10471-10478.	1.0	21
137	Stereochemical Course of the Biotransformation of Isoprene Monoepoxides and of the Corresponding Diols with Liver Microsomes from Control and Induced Rats. Chemical Research in Toxicology, 2000, 13, 831-838.	1.7	21
138	The Base-Catalyzed Ketoâ^'Enol Interconversion of 2-Nitrocyclohexanone in Ionic Liquids. Journal of Organic Chemistry, 2009, 74, 6572-6576.	1.7	21
139	Basicity of Pyridine and Some Substituted Pyridines in Ionic Liquids. Journal of Organic Chemistry, 2010, 75, 3912-3915.	1.7	21
140	Development of a stereoselective Ugi reaction starting from an oxanorbornene Î²-amino acid derivative. Organic and Biomolecular Chemistry, 2012, 10, 3819.	1.5	21
141	Regio- and enantio-selectivity of the cytosolic epoxide hydrolase-catalysed hydrolysis of racemic monosubstituted alkyloxiranes. Journal of the Chemical Society Perkin Transactions 1, 1991, , 361.	0.9	20
142	Enantioconvergent transformation of racemic cis-Dialkyl substituted epoxides to (R,R) threo diols by microsomal epoxide hydrolase catalysed hydrolysis. Tetrahedron Letters, 1996, 37, 9089-9092.	0.7	20
143	Stereoelectronic control in two-step additions to initiated by electrophilic halogens. Tetrahedron, 1997, 53, 3417-3424.	1.0	20
144	Strain and Reactivity: Electrophilic Addition of Bromine and Tribromide Salts to Cyclic Allenes. Chemistry - A European Journal, 2002, 8, 967-978.	1.7	20

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145	From molten salts to ionic liquids: effect of ion asymmetry and charge distribution. Journal of Physics Condensed Matter, 2008, 20, 035108.	0.7	20
146	Coordination Environment of Highly Concentrated Solutions of Cu^{II} in Ionic Liquids through a Multidisciplinary Approach. ChemPhysChem, 2012, 13, 1885-1892.	1.0	20
147	Eco-friendly titanium tanning for the manufacture of bovine upper leathers: pilot-scale studies. Clean Technologies and Environmental Policy, 2014, 16, 1795-1803.	2.1	20
148	An efficient stereoselective synthesis of enantiomerically pure mono- and di-O-hexadecyl-Î²-d-glucosylglycerol ethers by epoxidation of an allyl Î²-d-glucopyranoside asymmetrically induced by the glucide moiety. Tetrahedron: Asymmetry, 1997, 8, 765-773.	1.8	19
149	Kinetic resolution by epoxide hydrolase catalyzed hydrolysis of racemic methyl substituted methylenecyclohexene oxides. Tetrahedron: Asymmetry, 1995, 6, 1911-1918.	1.8	18
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