

Cinzia Chiappe

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236
papers

8,585
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48
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81
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287
ext. papers

9,262
ext. citations

5
avg, IF

6.24
L-index

#	Paper	IF	Citations
236	Ionic liquids: solvent properties and organic reactivity. <i>Journal of Physical Organic Chemistry</i> , 2005 , 18, 275-297	2.1	960
235	Acute toxicity of ionic liquids to the zebrafish (<i>Danio rerio</i>). <i>Green Chemistry</i> , 2006 , 8, 238-240	10	361
234	Acute toxicity of ionic liquids for three freshwater organisms: <i>Pseudokirchneriella subcapitata</i> , <i>Daphnia magna</i> and <i>Danio rerio</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1170-6	7	227
233	Are ionic liquids a proper solution to current environmental challenges?. <i>Green Chemistry</i> , 2014 , 16, 2375-10	10	209
232	Tailor-made ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 537-558	2.9	168
231	Development of cation/anion "interaction" scales for ionic liquids through ESI-MS measurements. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 598-604	3.4	166
230	Development of Nitrile-Functionalized Ionic Liquids for C-C Coupling Reactions: Implication of Carbene and Nanoparticle Catalysts. <i>Organometallics</i> , 2007 , 26, 1588-1598	3.8	148
229	Influence of the interaction between hydrogen sulfide and ionic liquids on solubility: experimental and theoretical investigation. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 13014-9	3.4	130
228	A rationalization of the solvent effect on the Diels-Alder reaction in ionic liquids using multiparameter linear solvation energy relationships. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 2522-9	3.9	120
227	Ionic Green Solvents from Renewable Resources. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1049-1058	3.2	114
226	Influence of structural variations in cationic and anionic moieties on the polarity of ionic liquids. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 9653-61	3.4	113
225	Nucleophilic displacement reactions in ionic liquids: substrate and solvent effect in the reaction of NaN(3) and KCN with alkyl halides and tosylates. <i>Journal of Organic Chemistry</i> , 2003 , 68, 6710-5	4.2	105
224	The solvent effect on the Diels-Alder reaction in ionic liquids: multiparameter linear solvation energy relationships and theoretical analysis. <i>Green Chemistry</i> , 2010 , 12, 1330	10	102
223	Validation of the copper(i)-catalyzed azide-alkyne coupling in ionic liquids. Synthesis of a triazole-linked C-disaccharide as a case study. <i>Journal of Organic Chemistry</i> , 2008 , 73, 2458-61	4.2	97
222	Ecotoxicity of pristine graphene to marine organisms. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 101, 138-45	7	95
221	Remarkable Anion and Cation Effects on Stille Reactions in Functionalised Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 68-74	5.6	94
220	Stereoselective halogenations of alkenes and alkynes in ionic liquids. <i>Organic Letters</i> , 2001 , 3, 1061-3	6.2	94

219	Water sorption by anhydrous ionic liquids. <i>Green Chemistry</i> , 2011 , 13, 1712	10	92
218	What is the nature of the first-formed intermediates in the electrophilic halogenation of alkenes, alkynes, and allenes?. <i>Chemistry - A European Journal</i> , 2003 , 9, 1036-44	4.8	91
217	Nanostructural Organization of Ionic Liquids: Theoretical and Experimental Evidences of the Presence of Well Defined Local Structures in Ionic Liquids. <i>Monatshefte Für Chemie</i> , 2007 , 138, 1035-1043 ^{1.4}	1.4	83
216	Ionic liquids as potential enhancers for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , 2017 , 516, 45-51	6.5	77
215	The Heck reaction in ionic liquids: progress and challenges. <i>Molecules</i> , 2010 , 15, 2211-45	4.8	76
214	QSPR correlation for conductivities and viscosities of low-temperature melting ionic liquids. <i>Journal of Physical Organic Chemistry</i> , 2008 , 21, 622-629	2.1	73
213	Point-Functionalization of Ionic Liquids: An Overview of Synthesis and Applications. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6120-6139	3.2	71
212	Structural Effects on the Physico-Chemical and Catalytic Properties of Acidic Ionic Liquids: An Overview. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5517-5539	3.2	69
211	Determination of the polarities of some ionic liquids using 2-nitrocyclohexanone as the probe. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8193-6	4.2	67
210	Preparative synthesis of chiral alcohols by enantioselective reduction with <i>Daucus carota</i> root as biocatalyst. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2000 , 11, 55-58		67
209	Ionic liquids: Solvation ability and polarity. <i>Pure and Applied Chemistry</i> , 2009 , 81, 767-776	2.1	66
208	The effect of the anion on the physical properties of trihalide-based N,N-dialkylimidazolium ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 1624-30	3.9	66
207	Kinetic study of the addition of trihalides to unsaturated compounds in ionic liquids. Evidence of a remarkable solvent effect in the reaction of ICl ₂ ⁻ . <i>Journal of Organic Chemistry</i> , 2004 , 69, 6059-64	4.2	66
206	Theoretical descriptor for the correlation of aquatic toxicity of ionic liquids by quantitative structure-toxicity relationships. <i>Chemical Engineering Journal</i> , 2011 , 175, 17-23	14.7	65
205	Determination of ionic liquids solvent properties using an unusual probe: the electron donor-acceptor complex between 4,4'-bis(dimethylamino)-benzophenone and tetracyanoethene. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 4937-41	2.8	61
204	Microwave-enhanced ionothermal CuAAC for the synthesis of glycoclusters on a calix[4]arene platform. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6437-40	4.2	60
203	Trihalide-based ionic liquids. Reagent-solvents for stereoselective iodination of alkenes and alkynes. <i>Green Chemistry</i> , 2002 , 4, 621-627	10	60
202	Glucose-derived ionic liquids: exploring low-cost sources for novel chiral solvents. <i>Green Chemistry</i> , 2007 , 9, 337	10	59

201	Acute toxicity and biodegradability of N-alkyl-N-methylmorpholinium and N-alkyl-DABCO based ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 748-53	7	58
200	Biocatalysis in ionic liquids: the stereoconvergent hydrolysis of trans- β -methylstyrene oxide catalyzed by soluble epoxide hydrolase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004 , 27, 243-248		56
199	A dramatic effect of the ionic liquid structure in esterification reactions in protic ionic media. <i>Green Chemistry</i> , 2013 , 15, 137-143	10	54
198	Nitrile-functionalized pyrrolidinium ionic liquids as solvents for cross-coupling reactions involving in situ generated nanoparticle catalyst reservoirs. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1834-41	3.6	54
197	Application of hydrophilic ionic liquids as co-solvents in chloroperoxidase catalyzed oxidations. <i>Tetrahedron Letters</i> , 2006 , 47, 5089-5093	2	54
196	The metabolism of carbamazepine in humans: steric course of the enzymatic hydrolysis of the 10,11-epoxide. <i>Journal of Medicinal Chemistry</i> , 1987 , 30, 768-73	8.3	54
195	Ionic liquids: prediction of their melting points by a recursive neural network model. <i>Green Chemistry</i> , 2008 , 10, 306	10	52
194	Effect of ionic liquids on the Menshutkin reaction: an experimental and theoretical study. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8522-30	4.2	51
193	Highly efficient bromination of aromatic compounds using 3-methylimidazolium tribromide as reagent/solvent. <i>Chemical Communications</i> , 2004 , 2536-7	5.8	51
192	Selective N-alkylation of anilines in ionic liquids. <i>Green Chemistry</i> , 2006 , 8, 277-281	10	50
191	[Hmim][NO ₃] an efficient solvent and promoter in the oxidative aromatic chlorination. <i>Green Chemistry</i> , 2006 , 8, 742-745	10	49
190	Ligandless Stille cross-coupling in ionic liquids. <i>Green Chemistry</i> , 2004 , 6, 33	10	49
189	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 π -Complex Formation. <i>Journal of the American Chemical Society</i> , 1995 , 117, 12001-12002	16.4	49
188	Structures and unusual rearrangements of coordination adducts of MX(5) (M = Nb, Ta; X = F, Cl) with simple diethers. A crystallographic, spectroscopic, and computational study. <i>Inorganic Chemistry</i> , 2010 , 49, 339-51	5.1	47
187	Spectroscopic and Theoretical Investigations of Electrophilic Bromination Reactions of Alkynes: The First Evidence for π -Complexes as Reaction Intermediates. <i>Chemistry - A European Journal</i> , 1999 , 5, 1570-1580	4.8	47
186	Bromination of Alkynes in Ionic Liquids: A Kinetic Investigation. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 2831	3.2	46
185	Crown ether catalyzed stereospecific synthesis of Z- and E-stilbenes by Wittig reaction in a solid-liquid two-phases system. <i>Tetrahedron Letters</i> , 1996 , 37, 4225-4228	2	46
184	Pyrazolium- versus imidazolium-based ionic liquids: structure, dynamics and physicochemical properties. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 668-76	3.4	45

183	A theoretical study of the solvent effect on Diels-Alder reaction in room temperature ionic liquids using a supermolecular approach. <i>Theoretical Chemistry Accounts</i> , 2009 , 123, 347-352	1.9	45
182	Direct mono-N-alkylation of amines in ionic liquids: chemoselectivity and reactivity. <i>Green Chemistry</i> , 2003 , 5, 193-197	10	45
181	A simple and highly diastereoselective preparation of glycol epoxides using the MCPBA-KF complex. <i>Tetrahedron Letters</i> , 1994 , 35, 8433-8436	2	44
180	Different enantioselectivity and regioselectivity of the cytosolic and microsomal epoxide hydrolase catalyzed hydrolysis of simple phenyl substituted epoxides. <i>Tetrahedron Letters</i> , 1994 , 35, 4219-4222	2	43
179	An unusual common ion effect promotes dissolution of metal salts in room-temperature ionic liquids: a strategy to obtain ionic liquids having organic/inorganic mixed cations. <i>Green Chemistry</i> , 2010 , 12, 77-80	10	42
178	Substrate enantioselection in the microsomal epoxide hydrolase catalyzed hydrolysis of monosubstituted oxiranes. Effects of branching of alkyl chains. <i>Journal of Organic Chemistry</i> , 1989 , 54, 5978-5983	4.2	41
177	Ab initio study of ionic liquids by KS-DFT/3D-RISM-KH theory. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 3536-42	3.4	40
176	Enantioconvergent transformation of racemic cis-alkyl substituted styrene oxides to (R,R) threo diols by microsomal epoxide hydrolase catalysed hydrolysis. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 197-202		40
175	Development of cost-effective biodiesel from microalgae using protic ionic liquids. <i>Green Chemistry</i> , 2016 , 18, 4982-4989	10	39
174	Computational studies on organic reactivity in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 412-23	3.6	38
173	Synthesis and applications of ionic liquids derived from natural sugars. <i>Topics in Current Chemistry</i> , 2010 , 295, 177-95		38
172	Formation of Bromocarbenium Bromide Ion Pairs in the Electrophilic Bromination of Highly Reactive Olefins in Chlorinated Aprotic Solvents. <i>Journal of Organic Chemistry</i> , 1997 , 62, 3176-3182	4.2	38
171	Dissolution of metal salts in bis(trifluoromethylsulfonyl)imide-based ionic liquids: studying the affinity of metal cations toward a "weakly coordinating" anion. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 5078-87	2.8	37
170	Highly concentrated "solutions" of metal cations in ionic liquids: current status and future challenges. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11191-6	3.6	37
169	Basic ionic liquids based on monoquaternized 1,4-diazobicyclo[2.2.2]octane (dabco) and dicyanamide anion: Physicochemical and solvent properties. <i>Pure and Applied Chemistry</i> , 2009 , 81, 2035-2043	2.1	36
168	Spectroscopic Detection and Theoretical Studies of a 2:1 Bromine/Olefin π Complex. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1284-1287		36
167	Recycle and Extraction: Cornerstones for an Efficient Conversion of Cellulose into 5-Hydroxymethylfurfural in Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5529-5536	8.3	35
166	A general environmentally friendly access to long chain fatty acid ionic liquids (LCFA-ILs). <i>Green Chemistry</i> , 2017 , 19, 3103-3111	10	35

165	Ionic Liquids Can Significantly Improve Textile Dyeing: An Innovative Application Assuring Economic and Environmental Benefits. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2303-2308	8.3	35
164	Ab Initio Study of the Diels-Alder Reaction of Cyclopentadiene with Acrolein in a Ionic Liquid by KS-DFT/3D-RISM-KH Theory. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 179-83	6.4	35
163	A RISM approach to the liquid structure and solvation properties of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 5576-81	3.6	35
162	The "non-nucleophilic" anion [Tf2N] ⁻ competes with the nucleophilic Br ⁻ : an unexpected trapping in the dediazonation reaction in ionic liquids. <i>Chemical Communications</i> , 2006 , 897-9	5.8	35
161	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. <i>Journal of the American Chemical Society</i> , 1989 , 111, 199-202	16.4	35
160	Styrene oxidation by hydrogen peroxide in ionic liquids: the role of the solvent on the competition between two Pd-catalyzed processes, oxidation and dimerization. <i>Green Chemistry</i> , 2011 , 13, 1437	10	34
159	Preassociation, Free-Ion, and Ion-Pair Pathways in the Electrophilic Bromination of Substituted cis- and trans-Stilbenes in Protic Solvents. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12492-12502	16.4	34
158	Synthesis of glycerol carbonate from glycerol and dimethyl carbonate in basic ionic liquids. <i>Pure and Applied Chemistry</i> , 2011 , 84, 755-762	2.1	33
157	Synthesis and properties of glycerylimidazolium based ionic liquids: a promising class of task-specific ionic liquids. <i>Green Chemistry</i> , 2009 , 11, 622	10	33
156	Solvation thermodynamics of alkali and halide ions in ionic liquids through integral equations. <i>Journal of Chemical Physics</i> , 2008 , 129, 074509	3.9	31
155	Epoxidation of electrophilic alkenes in ionic liquids. <i>Green Chemistry</i> , 2002 , 4, 94-96	10	31
154	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. <i>Journal of the American Chemical Society</i> , 1989 , 111, 2640-2647	16.4	31
153	Reaction of singlet oxygen with thioanisole in ionic liquids: a solvent induced mechanistic dichotomy. <i>Organic Letters</i> , 2009 , 11, 1413-6	6.2	29
152	Effect of ionic liquids on epoxide hydrolase-catalyzed synthesis of chiral 1,2-diols. <i>Green Chemistry</i> , 2007 , 2007, 162-168	10	29
151	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. <i>Journal of the American Chemical Society</i> , 1991 , 113, 8012-8016	16.4	29
150	Evidence for a reversible electrophilic step in olefin bromination. The case of stilbenes. <i>Journal of the American Chemical Society</i> , 1987 , 109, 515-522	16.4	29
149	Systematic Synthesis and Properties Evaluation of Dicationic Ionic Liquids, and a Glance Into a Potential New Field. <i>Frontiers in Chemistry</i> , 2018 , 6, 612	5	29
148	Product enantioselectivity of the microsomal and cytosolic epoxide hydrolase catalysed hydrolysis of meso epoxides. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1170		28

147	Bromination of alkenes in acetonitrile. A rate and product study. <i>Journal of Organic Chemistry</i> , 1991 , 56, 3067-3073	4.2	28
146	A family of chiral ionic liquids from the natural pool: Relationships between structure and functional properties and electrochemical enantiodiscrimination tests. <i>Electrochimica Acta</i> , 2019 , 298, 194-209	6.7	28
145	An insight into the mechanism of the aerobic oxidation of aldehydes catalyzed by N-heterocyclic carbenes. <i>Chemical Communications</i> , 2014 , 50, 2008-11	5.8	27
144	Formation, Oxidation, and Fate of the Breslow Intermediate in the N-Heterocyclic Carbene-Catalyzed Aerobic Oxidation of Aldehydes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 302-312	4.2	26
143	Chiral ionic liquids supported on natural sporopollenin microcapsules.. <i>RSC Advances</i> , 2018 , 8, 21174-21183	3.7	26
142	Polarizability effects and dispersion interactions in alkene-Br ₂ pi-complexes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 2864-5	16.4	26
141	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. <i>Journal of the American Chemical Society</i> , 1995 , 117, 6243-6248	16.4	26
140	Substituent dependence of the diastereofacial selectivity in iodination and bromination of glycals and related cyclic enol ethers. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8470-7	4.2	25
139	The mechanism of oxidation of allylic alcohols to alpha,beta-unsaturated ketones by cytochrome P450. <i>Chemical Research in Toxicology</i> , 1996 , 9, 871-4	4	25
138	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. <i>Journal of Organic Chemistry</i> , 1992 , 57, 6474-6478	4.2	25
137	Levulinate amidinium protic ionic liquids (PILs) as suitable media for the dissolution and levulination of cellulose. <i>New Journal of Chemistry</i> , 2019 , 43, 4554-4561	3.6	25
136	Evaluation of the effect of the dicationic ionic liquid structure on the cycloaddition of CO ₂ to epoxides. <i>Journal of CO₂ Utilization</i> , 2019 , 34, 437-445	7.6	24
135	Surface active fatty acid ILs: Influence of the hydrophobic tail and/or the imidazolium hydroxyl functionalization on aggregates formation. <i>Journal of Molecular Liquids</i> , 2019 , 289, 111155	6	24
134	Excess entropy scaling of diffusion in room-temperature ionic liquids. <i>Journal of Chemical Physics</i> , 2010 , 132, 244502	3.9	24
133	Steric strain and reactivity: electrophilic bromination of trans-(1-methyl-2-adamantylidene)-1-methyladamantane. <i>Journal of Organic Chemistry</i> , 2000 , 65, 1273-9	4.2	24
132	Stereochemistry of the biotransformation of 1-hexene and 2-methyl-1-hexene with rat liver microsomes and purified P450s of rats and humans. <i>Chemical Research in Toxicology</i> , 1998 , 11, 1487-93	4	24
131	Substrate enantioselectivity in the rabbit liver microsomal epoxide hydrolase catalyzed hydrolysis of trans and cis 1-phenylpropene oxides. A comparison with styrene oxide. <i>Tetrahedron: Asymmetry</i> , 1993 , 4, 1153-1160		24
130	Comparative evaluation of antimicrobial activity of different types of ionic liquids. <i>Materials Science and Engineering C</i> , 2019 , 104, 109907	8.3	23

129	Interface properties of ionic liquids containing metal ions: features and potentialities. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 5045-51	3.6	23
128	Sugar-derived ionic liquids. <i>Chimia</i> , 2011 , 65, 76-80	1.3	23
127	Exploring and exploiting different catalytic systems for the direct conversion of cellulose into levulinic acid. <i>New Journal of Chemistry</i> , 2018 , 42, 1845-1852	3.6	22
126	Thermal behavior analysis as a valuable tool for comparing ionic liquids of different classes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 3335-3345	4.1	22
125	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. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 651-9	3.9	22
124	Diastereoselective bromination of allyl glycosides using tetrabutylammonium tribromide. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 221-230		22
123	Synthesis of colloidal Ag nanoparticles with citrate based ionic liquids as reducing and capping agents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 538, 506-512	5.1	22
122	From pollen grains to functionalized microcapsules: a facile chemical route using ionic liquids. <i>Green Chemistry</i> , 2017 , 19, 1028-1033	10	21
121	How to make a green product greener: use of ionic liquids as additives during essential oil hydrodistillation. <i>RSC Advances</i> , 2015 , 5, 69894-69898	3.7	21
120	Ionic liquids, ultra-sounds and microwaves: an effective combination for a sustainable extraction with higher yields. The cumin essential oil case. <i>Reaction Chemistry and Engineering</i> , 2017 , 2, 577-589	4.9	21
119	Electrodeposition of transition metals from highly concentrated solutions of ionic liquids. <i>Surface and Coatings Technology</i> , 2015 , 264, 23-31	4.4	21
118	Access to cross-linked chitosans by exploiting CO ₂ and the double solvent-catalytic effect of ionic liquids. <i>Green Chemistry</i> , 2017 , 19, 1235-1239	10	20
117	Synthesis and properties of trialkyl(2,3-dihydroxypropyl)phosphonium salts, a new class of hydrophilic and hydrophobic glyceryl-functionalized ILs. <i>Green Chemistry</i> , 2012 , 14, 148-155	10	20
116	Auto-Tandem Catalysis in Ionic Liquids: Synthesis of 2-Oxazolidinones by Palladium-Catalyzed Oxidative Carbonylation of Propargylic Amines in EmimEtSO ₃ . <i>Molecules</i> , 2016 , 21,	4.8	20
115	Product as Reaction Solvent: An Unconventional Approach for Ionic Liquid Synthesis. <i>Organic Process Research and Development</i> , 2016 , 20, 2080-2084	3.9	20
114	Hydrogen Sulfide and Ionic Liquids: Absorption, Separation, and Oxidation. <i>Topics in Current Chemistry</i> , 2017 , 375, 52	7.2	19
113	Development of a stereoselective Ugi reaction starting from an oxanorbornene amino acid derivative. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 3819-29	3.9	19
112	Coordination environment of highly concentrated solutions of Cu(II) in ionic liquids through a multidisciplinary approach. <i>ChemPhysChem</i> , 2012 , 13, 1885-92	3.2	19

111	Basicity of pyridine and some substituted pyridines in ionic liquids. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3912-5	4.2	19
110	Novel (glycerol)borate-based ionic liquids: an experimental and theoretical study. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5082-8	3.4	19
109	The base-catalyzed keto-enol interconversion of 2-nitrocyclohexanone in ionic liquids. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6572-6	4.2	19
108	Reversibility of bromonium ion formation and its effect on olefin reactivity in electrophilic bromination. New evidence from the 5H-dibenz[b,f]azepine system. <i>Journal of the American Chemical Society</i> , 1988 , 110, 546-552	16.4	19
107	Temperature effects on the viscosity and the wavelength-dependent refractive index of imidazolium-based ionic liquids with a phosphorus-containing anion. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 8201-8209	3.6	18
106	Insights into the levulinate-based ionic liquid class: synthesis, cellulose dissolution evaluation and ecotoxicity assessment. <i>New Journal of Chemistry</i> , 2019 , 43, 13010-13019	3.6	18
105	Improvements in the enzymatic synthesis of phosphatidylserine employing ionic liquids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 84, 132-135		18
104	An efficient stereoselective synthesis of enantiomerically pure mono- and di-O-hexadecyl- β -D-glucosylglycerol ethers by epoxidation of an allyl β -D-glucopyranoside asymmetrically induced by the glucide moiety. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 765-773		18
103	Strain and reactivity: electrophilic addition of bromine and tribromide salts to cyclic allenes. <i>Chemistry - A European Journal</i> , 2002 , 8, 967-78	4.8	18
102	Enantioconvergent transformation of racemic cis-Dialkyl substituted epoxides to (R,R) threo diols by microsomal epoxide hydrolase catalysed hydrolysis. <i>Tetrahedron Letters</i> , 1996 , 37, 9089-9092	2	18
101	Kinetics and stereochemistry of the microsomal epoxide hydrolase-catalyzed hydrolysis of cis-stilbene oxides. <i>Chirality</i> , 1994 , 6, 577-82	2.1	18
100	Enantioselectivity of the enzymatic hydrolysis of cyclohexene oxide and (\oplus)-1-methylcyclohexene oxide: a comparison between microsomal and cytosolic epoxide hydrolases. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 2369-2373		18
99	Physico-chemical properties and nanoscale morphology in N-alkyl-N-methylmorpholinium dicyanamide room temperature ionic liquids. <i>Journal of Molecular Liquids</i> , 2013 , 187, 252-259	6	17
98	Solvent effects in ionic liquids: empirical linear energy-density relationships. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 10041-9	3.6	17
97	Photochirogenesis in chiral ionic liquid: enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylic acid in (R)-1-methyl-3-(2,3-dihydroxypropyl)imidazolium bistriflimide. <i>Chemical Communications</i> , 2010 , 46, 3472-4	5.8	17
96	Lifetime of the glucosyl oxocarbenium ion and stereoselectivity in the glycosidation of phenols with. <i>Tetrahedron</i> , 1997 , 53, 10471-10478	2.4	17
95	Deracemization of (\oplus)-cis-dialkyl substituted oxides via enantioconvergent hydrolysis catalysed by microsomal epoxide hydrolase. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 341-350		17
94	From molten salts to ionic liquids: effect of ion asymmetry and charge distribution. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 035108	1.8	17

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