

Cinzia Chiappe

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/773273/cinzia-chiappe-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

236
papers

8,585
citations

48
h-index

81
g-index

287
ext. papers

9,262
ext. citations

5
avg, IF

6.24
L-index

#	Paper	IF	Citations
236	Electrochemical and spectroscopic study of vanadyl acetylacetonate in ionic liquids interactions. <i>Electrochimica Acta</i> , 2021 , 373, 137865	6.7	1
235	Chiral Biobased Ionic Liquids with Cations or Anions including Bile Acid Building Blocks as Chiral Selectors in Voltammetry. <i>ChemElectroChem</i> , 2021 , 8, 1377-1387	4.3	4
234	Improved carbon dioxide absorption in double-charged ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 23130-23140	3.6	1
233	Ionic liquid-promoted green synthesis of biologically relevant diaryl thioethers. <i>Green Chemistry Letters and Reviews</i> , 2020 , 13, 295-302	4.7	3
232	Purification of Kraft cellulose under mild conditions using choline acetate based deep eutectic solvents. <i>Green Chemistry</i> , 2020 , 22, 8680-8691	10	14
231	Fe-functionalized paramagnetic sporopollenin from pollen grains: one-pot synthesis using ionic liquids. <i>Scientific Reports</i> , 2020 , 10, 12005	4.9	1
230	Remarkable Effect of [Li(G4)]TFSI Solvate Ionic Liquid (SIL) on the Regio- and Stereoselective Ring Opening of β -Gluco Carbasugar 1,2-Epoxides. <i>Molecules</i> , 2019 , 24,	4.8	4
229	Investigation of a family of structurally-related guanidinium ionic liquids through XPS and thermal analysis. <i>Journal of Molecular Liquids</i> , 2019 , 277, 280-289	6	7
228	Comparative evaluation of antimicrobial activity of different types of ionic liquids. <i>Materials Science and Engineering C</i> , 2019 , 104, 109907	8.3	23
227	A Robust Fungal Allomelanin Mimic: An Antioxidant and Potent π -Electron Donor with Free-Radical Properties that can be Tuned by Ionic Liquids. <i>ChemPlusChem</i> , 2019 , 84, 1331-1337	2.8	15
226	Nanoscale PDA disassembly in ionic liquids: structure-property relationships underpinning redox tuning. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 12380-12388	3.6	5
225	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
224	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
223	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
222	Unexpected Intrinsic Lability of Thiol-Functionalized Carboxylate Imidazolium Ionic Liquids. <i>Molecules</i> , 2019 , 24,	4.8	2
221	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
220	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

219	An insight into the intermolecular vibrational modes of dicationic ionic liquids through far-infrared spectroscopy and DFT calculations.. <i>RSC Advances</i> , 2019 , 9, 30269-30276	3.7	5
218	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
217	Design and Synthesis of Ionic Liquid-Based Matrix Metalloproteinase Inhibitors (MMPIs): A Simple Approach to Increase Hydrophilicity and to Develop MMPI-Coated Gold Nanoparticles. <i>ChemMedChem</i> , 2019 , 14, 686-698	3.7	1
216	Microheterogeneity in Ionic Liquid Mixtures: Hydrogen Bonding, Dispersed Ions, and Dispersed Ion Clusters. <i>Australian Journal of Chemistry</i> , 2019 , 72, 106	1.2	7
215	Modifying bis(triflimide) ionic liquids by dissolving early transition metal carbamates. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 5057-5066	3.6	9
214	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
213	Chiral ionic liquids supported on natural sporopollenin microcapsules.. <i>RSC Advances</i> , 2018 , 8, 21174-21183	3.3	26
212	A computational study of the effect of ionic liquid anions on Reichardt's dye solvatochromism. <i>Theoretical Chemistry Accounts</i> , 2018 , 137, 1	1.9	1
211	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
210	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
209	Divergent Syntheses of (Z)-3-Alkylideneisobenzofuran-1(3H)-ones and 1H-Ischromen-1-ones by Copper-Catalyzed Cycloisomerization of 2-Alkynylbenzoic Acids in Ionic Liquids. <i>Journal of Organic Chemistry</i> , 2018 , 83, 6673-6680	4.2	17
208	Phosphate and Phosphonate-Based Ionic Liquids as New Additives in <i>Foeniculum vulgare</i> Essential Oil Extraction. <i>Australian Journal of Chemistry</i> , 2018 , 71, 127	1.2	3
207	An insight into the molecular mechanism of the masking process in titanium tanning. <i>Clean Technologies and Environmental Policy</i> , 2017 , 19, 259-267	4.3	8
206	Synthesis and study of the stability of amidinium/guanidinium carbamates of amines and β -amino acids. <i>New Journal of Chemistry</i> , 2017 , 41, 1798-1805	3.6	11
205	Chiral ionic liquid assisted synthesis of some metal oxides. <i>RSC Advances</i> , 2017 , 7, 1154-1160	3.7	8
204	Copper-Catalyzed Recyclable Synthesis of (Z)-3-Alkylideneisoindolinones by Cycloisomerization of 2-Alkynylbenzamides in Ionic Liquids. <i>ChemistrySelect</i> , 2017 , 2, 894-899	1.8	11
203	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
202	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

201	Divergent syntheses of iodinated isobenzofuranones and isochromenones by iodolactonization of 2-alkynylbenzoic acids in ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4831-4841	3.9	14
200	A general environmentally friendly access to long chain fatty acid ionic liquids (LCFA-ILs). <i>Green Chemistry</i> , 2017 , 19, 3103-3111	10	35
199	Hydrogen Sulfide and Ionic Liquids: Absorption, Separation, and Oxidation. <i>Topics in Current Chemistry</i> , 2017 , 375, 52	7.2	19
198	From pollen grains to functionalized microcapsules: a facile chemical route using ionic liquids. <i>Green Chemistry</i> , 2017 , 19, 1028-1033	10	21
197	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
196	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
195	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
194	Ionic liquids as potential enhancers for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , 2017 , 516, 45-51	6.5	77
193	Hydrogen Sulfide and Ionic Liquids: Absorption, Separation, and Oxidation. <i>Topics in Current Chemistry Collections</i> , 2017 , 265-289	1.8	3
192	Nanoscale Disassembly and Free Radical Reorganization of Polydopamine in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 11942-11950	3.4	13
191	Ionic liquids and green chemistry 2016 , 385-404		4
190	Development of cost-effective biodiesel from microalgae using protic ionic liquids. <i>Green Chemistry</i> , 2016 , 18, 4982-4989	10	39
189	Arrangements of enantiopure and racemic ionic liquids at the liquid/air interface: the role of chirality on self-assembly and layering. <i>RSC Advances</i> , 2016 , 6, 8053-8060	3.7	8
188	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
187	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
186	Considerable effect of dimethylimidazolium dimethylphosphate in cinnamon essential oil extraction by hydrodistillation. <i>RSC Advances</i> , 2016 , 6, 52421-52426	3.7	7
185	Surface study of metal-containing ionic liquids by means of photoemission and absorption spectroscopies. <i>Surface Science</i> , 2016 , 648, 360-365	1.8	5
184	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

183	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
182	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
181	Alkylation of Methyl Linoleate with Propene in Ionic Liquids in the Presence of Metal Salts. <i>Molecules</i> , 2015 , 20, 21840-53	4.8	5
180	Electrodeposition of transition metals from highly concentrated solutions of ionic liquids. <i>Surface and Coatings Technology</i> , 2015 , 264, 23-31	4.4	21
179	Ecotoxicity of pristine graphene to marine organisms. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 101, 138-45	7	95
178	Eco-friendly titanium tanning for the manufacture of bovine upper leathers: pilot-scale studies. <i>Clean Technologies and Environmental Policy</i> , 2014 , 16, 1795-1803	4.3	15
177	Tuning of the freezing and melting points of [Hmim][NO ₃] by the addition of water and nitrate salts. <i>RSC Advances</i> , 2014 , 4, 40407-40413	3.7	1
176	Functionalized phosphonium based ionic liquids: properties and application in metal extraction. <i>RSC Advances</i> , 2014 , 4, 38848-38854	3.7	11
175	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
174	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
173	Are ionic liquids a proper solution to current environmental challenges?. <i>Green Chemistry</i> , 2014 , 16, 2375-10	10	209
172	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
171	Structural Features and Properties of Metal Complexes in Ionic Liquids: Application in Alkylation Reactions. <i>Topics in Organometallic Chemistry</i> , 2013 , 79-93	0.6	6
170	Reply to the comment on "Computational studies on organic reactivity in ionic liquids" by C. Chiappe and C. S. Pomelli, <i>Phys. Chem. Chem. Phys.</i> , 2013, 15, 412. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 11141-2	3.6	2
169	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
168	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
167	Computational studies on organic reactivity in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 412-23	3.6	38
166	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

- 165 The first solvation shell of Reichardt's dye in ionic liquids: a semiempirical study. *Highlights in Theoretical Chemistry*, **2013**, 299-305
- 164 Ionic Liquids Applied to CO₂ Fixation and Conversion. *Green Energy and Technology*, **2013**, 81-94 0.6
- 163 Accelerating effect of imidazolium ionic liquids on the singlet oxygen promoted oxidation of thioethers: A theoretical study. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 240, 59-65 4.7 6
- 162 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 10 20
- 161 Improvements in the enzymatic synthesis of phosphatidylserine employing ionic liquids. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 84, 132-135 18
- 160 Solvent effects in ionic liquids: empirical linear energy-density relationships. *Physical Chemistry Chemical Physics*, **2012**, 14, 10041-9 3.6 17
- 159 Development of a stereoselective Ugi reaction starting from an oxanorbornene amino acid derivative. *Organic and Biomolecular Chemistry*, **2012**, 10, 3819-29 3.9 19
- 158 Interface properties of ionic liquids containing metal ions: features and potentialities. *Physical Chemistry Chemical Physics*, **2012**, 14, 5045-51 3.6 23
- 157 Polymerizable ionic liquids for the preparation of polystyrene/clay composites. *Polymer International*, **2012**, 61, 426-433 3.3 14
- 156 Coordination environment of highly concentrated solutions of Cu(II) in ionic liquids through a multidisciplinary approach. *ChemPhysChem*, **2012**, 13, 1885-92 3.2 19
- 155 The first solvation shell of Reichardt's dye in ionic liquids: a semiempirical study. *Theoretical Chemistry Accounts*, **2012**, 131, 1 1.9 11
- 154 Chiral ionic liquid-mediated photochirogenesis. Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid. *Organic and Biomolecular Chemistry*, **2011**, 9, 7105-12 3.9 14
- 153 Influence of structural variations in cationic and anionic moieties on the polarity of ionic liquids. *Journal of Physical Chemistry B*, **2011**, 115, 9653-61 3.4 113
- 152 Water sorption by anhydrous ionic liquids. *Green Chemistry*, **2011**, 13, 1712 10 92
- 151 Acute toxicity and biodegradability of N-alkyl-N-methylmorpholinium and N-alkyl-DABCO based ionic liquids. *Ecotoxicology and Environmental Safety*, **2011**, 74, 748-53 7 58
- 150 Theoretical descriptor for the correlation of aquatic toxicity of ionic liquids by quantitative structure-toxicity relationships. *Chemical Engineering Journal*, **2011**, 175, 17-23 14.7 65
- 149 Structural Effects on the Physico-Chemical and Catalytic Properties of Acidic Ionic Liquids: An Overview. *European Journal of Organic Chemistry*, **2011**, 2011, 5517-5539 3.2 69
- 148 Sugar-derived ionic liquids. *Chimia*, **2011**, 65, 76-80 1.3 23

147	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
146	Effect of several ionic liquids on the synthesis of 1,3-diphenyl-3-(phenylamino)propan-1-one in supercritical carbon dioxide. <i>RSC Advances</i> , 2011 , 1, 761	3.7	5
145	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
144	The Heck reaction in ionic liquids: progress and challenges. <i>Molecules</i> , 2010 , 15, 2211-45	4.8	76
143	Excess entropy scaling of diffusion in room-temperature ionic liquids. <i>Journal of Chemical Physics</i> , 2010 , 132, 244502	3.9	24
142	Copper(I)-Catalyzed Azide-Alkyne Cycloadditions in Ionic Liquids under Amine-Free Conditions. <i>Synthesis</i> , 2010 , 2010, 2043-2048	2.9	2
141	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
140	Synthesis and applications of ionic liquids derived from natural sugars. <i>Topics in Current Chemistry</i> , 2010 , 295, 177-95		38
139	Basicity of pyridine and some substituted pyridines in ionic liquids. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3912-5	4.2	19
138	Reaction of singlet oxygen with thioanisole in ionic liquid-acetonitrile binary mixtures. <i>Organic Letters</i> , 2010 , 12, 5116-9	6.2	13
137	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
136	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
135	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
134	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
133	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
132	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
131	A theoretical study of the copper(I)-catalyzed 1,3-dipolar cycloaddition reaction in dabco-based ionic liquids: the anion effect on regioselectivity. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1958-62	3.6	11
130	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

129	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
128	Ionic liquids: Solvation ability and polarity. <i>Pure and Applied Chemistry</i> , 2009 , 81, 767-776	2.1	66
127	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
126	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
125	Acute toxicity of ionic liquids for three freshwater organisms: Pseudokirchneriella subcapitata, Daphnia magna and Danio rerio. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1170-6	7	227
124	Effect of ionic liquids on the Menschutkin reaction: an experimental and theoretical study. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8522-30	4.2	51
123	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
122	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
121	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
120	Radical Additions of Thiols to Alkenes and Alkynes in Ionic Liquids. <i>Current Organic Chemistry</i> , 2009 , 13, 1726-1732	1.7	15
119	Ionic liquids: prediction of their melting points by a recursive neural network model. <i>Green Chemistry</i> , 2008 , 10, 306	10	52
118	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
117	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
116	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
115	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, 2522-2529	3.9	120
114	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
113	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
112	The Possibility to Obtain a New Generation of Ionic Liquids Starting From Natural Compounds 2008 , 13-35		0

111	Effect of ionic liquids on epoxide hydrolase-catalyzed synthesis of chiral 1,2-diols. <i>Green Chemistry</i> , 2007 , 2007, 162-168	10	29
110	Glucose-derived ionic liquids: exploring low-cost sources for novel chiral solvents. <i>Green Chemistry</i> , 2007 , 9, 337	10	59
109	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
108	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
107	Ionic Green Solvents from Renewable Resources. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1049-1058	3.2	114
106	Competing kinetic pathways in the bromine addition to allylic ethers in 1,2-dichloroethane: Opposite temperature effects. <i>International Journal of Chemical Kinetics</i> , 2007 , 39, 197-203	1.4	3
105	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	83
104	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
103	Development of Nitrile-Functionalized Ionic Liquids for C ₁₁ Coupling Reactions: Implication of Carbene and Nanoparticle Catalysts. <i>Organometallics</i> , 2007 , 26, 1588-1598	3.8	148
102	The Interactions Affecting Organic Reactivity and Selectivity in Ionic Liquids. <i>ACS Symposium Series</i> , 2007 , 1-15	0.4	2
101	Ecotoxicity of Ionic Liquids in an Aquatic Environment 2007 , 259-278		3
100	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
99	[Hmim][NO ₃] an efficient solvent and promoter in the oxidative aromatic chlorination. <i>Green Chemistry</i> , 2006 , 8, 742-745	10	49
98	The "non-nucleophilic" anion [Tf ₂ N] ⁻ 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
97	Selective N-alkylation of anilines in ionic liquids. <i>Green Chemistry</i> , 2006 , 8, 277-281	10	50
96	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
95	Acute toxicity of ionic liquids to the zebrafish (<i>Danio rerio</i>). <i>Green Chemistry</i> , 2006 , 8, 238-240	10	361
94	Recent Advances in the Representation of Molecular Structures for RecNN-QSPR Analysis 2006 , 1352-1355		

93	Application of hydrophilic ionic liquids as co-solvents in chloroperoxidase catalyzed oxidations. <i>Tetrahedron Letters</i> , 2006 , 47, 5089-5093	2	54
92	A novel synthesis of tetramesityldisilene. <i>Tetrahedron Letters</i> , 2006 , 47, 8893-8895	2	7
91	The first intermediates in the bromination of bicyclo[3.3.1]nonylidenebicyclo[3.3.1]nonane, combination of experiments and theoretical results. <i>Journal of Molecular Modeling</i> , 2006 , 12, 631-9	2	7
90	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
89	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
88	Tailor-made ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 537-558	2.9	168
87	Nucleophilic substitution of chlorobis(4-methoxyphenyl)methane: reactivity of carbenium ions in ILs-trifluoroethanol mixtures. <i>Tetrahedron Letters</i> , 2005 , 46, 6675-6678	2	12
86	cis-Bromination of alkynes without cationic intermediates. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1412-6	16.4	15
85	cis-Bromierung von Alkinen ohne kationische Zwischenstufen. <i>Angewandte Chemie</i> , 2005 , 117, 1437-1443	1.6	5
84	Ionic liquids: solvent properties and organic reactivity. <i>Journal of Physical Organic Chemistry</i> , 2005 , 18, 275-297	2.1	960
83	Influence of alkene structure on the stability of alkeneBr ₂ complexes: Effect of chlorine substitution. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 3235-3240	3.6	6
82	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
81	Synthesis and characterization of the syn-bromonium ion of 4-equ chloroadamantylidenadamantane, towards a chiral bromination reagent. <i>Tetrahedron Letters</i> , 2004 , 45, 3003-3005	2	1
80	Ligandless Stille cross-coupling in ionic liquids. <i>Green Chemistry</i> , 2004 , 6, 33	10	49
79	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
78	Highly efficient bromination of aromatic compounds using 3-methylimidazolium tribromide as reagent/solvent. <i>Chemical Communications</i> , 2004 , 2536-7	5.8	51
77	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
76	Stereochemical aspects in the 4-vinylcyclohexene biotransformation with rat liver microsomes and purified cytochrome P450s: diepoxide formation and hydrolysis. <i>Chemical Research in Toxicology</i> , 2003 , 16, 56-65	4	1

75	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
74	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
73	Direct mono-N-alkylation of amines in ionic liquids: chemoselectivity and reactivity. <i>Green Chemistry</i> , 2003 , 5, 193-197	10	45
72	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
71	Bromination of Alkynes in Ionic Liquids: A Kinetic Investigation. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 2831	3.2	46
70	Reactivity of homoallylic substituted adamantylideneadamantanes with bromine. Substituent effects on the stability of the ionic and nonionic intermediates. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7066-74	4.2	14
69	Trihalide-based ionic liquids. Reagent-solvents for stereoselective iodination of alkenes and alkynes. <i>Green Chemistry</i> , 2002 , 4, 621-627	10	60
68	Epoxidation of electrophilic alkenes in ionic liquids. <i>Green Chemistry</i> , 2002 , 4, 94-96	10	31
67	Equilibria and UV-Spectral Characteristics of BrCl, BrCl ₂ and Br ₂ Cl Species in 1,2-Dichloroethane: Stereoselectivity and Kinetics of the Electrophilic Addition of these Species to Alkenes. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3501-3510	3.2	12
66	Enantioselective hydrolysis of epoxides: the employment of the soluble fraction from <i>Vicia sativa</i> seedlings. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001 , 14, 125-129		1
65	Stereoselective halogenations of alkenes and alkynes in ionic liquids. <i>Organic Letters</i> , 2001 , 3, 1061-3	6.2	94
64	Stereochemical aspects in the 4-vinylcyclohexene biotransformation with rat liver microsomes and purified p450s. monoepoxides and diols. <i>Chemical Research in Toxicology</i> , 2001 , 14, 492-9	4	7
63	The anomalous course of the microsomal transformation of the exo-2,3-epoxides of norbornene and norbornadiene. The possible involvement of a general acid activation during the enzymatic hydrolysis of these oxides. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2000 , 10, 539-544		7
62	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
61	Stereochemical course of the biotransformation of isoprene monoepoxides and of the corresponding diols with liver microsomes from control and induced rats. <i>Chemical Research in Toxicology</i> , 2000 , 13, 831-8	4	15
60	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
59	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
58	Stereo- and enantioselectivity of the soluble epoxide hydrolase-catalysed hydrolysis of (±)-cis-dialkyl substituted oxiranes. <i>Tetrahedron</i> , 1999 , 55, 11589-11594	2.4	10

57	Direct Synthesis of Stable Adamantylideneadamantane Bromonium Salts. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 3237-3239	3.2	5
56	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
55	Deracemization of (\pm)-cis-dialkyl substituted oxides via enantioconvergent hydrolysis catalysed by microsomal epoxide hydrolase. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 341-350		17
54	An efficient stereoselective synthesis of enantiomerically pure aziridine derivatives of allyl β -D-glucopyranosides asymmetrically induced by a glucide moiety. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 4079-4088		8
53	Radical bromination of 1,1- and 1,2-diphenylethylenes in 1,2-dichloroethane. <i>Journal of Physical Organic Chemistry</i> , 1998 , 11, 685-692	2.1	2
52	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
51	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
50	A kinetic, product and kinetic isotope effect investigation of the bromination of 1,1-diphenylethylenes and of their 2,2-dideuterioderivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997 , 581-584		6
49	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
48	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
47	Naphthyl as a chiral auxiliary in an asymmetric 1,4-addition reaction. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 2311-2317		14
46	Concentration dependence of the steric course of bromine addition to acenaphthylene. A product and kinetic study. <i>Tetrahedron</i> , 1997 , 53, 785-790	2.4	5
45	Stereoelectronic control in two-step additions to initiated by electrophilic halogens. <i>Tetrahedron</i> , 1997 , 53, 3417-3424	2.4	16
44	Lifetime of the glucosyl oxocarbenium ion and stereoselectivity in the glycosidation of phenols with. <i>Tetrahedron</i> , 1997 , 53, 10471-10478	2.4	17
43	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
42	Spektroskopischer Nachweis und theoretische Untersuchungen eines 2:1-Brom-Olefin- π Komplexes. <i>Angewandte Chemie</i> , 1997 , 109, 1339-1343	3.6	7
41	Crown Ether Catalyzed Stereoselective Synthesis of Vinyl Ethers in a Solid Liquid Two-Phase System. <i>Synlett</i> , 1996 , 1996, 880-882	2.2	4
40	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

39	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
38	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
37	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
36	Diastereoselective bromination of allyl glycosides using tetrabutylammonium tribromide. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 221-230		22
35	Kinetic resolution by epoxide hydrolase catalyzed hydrolysis of racemic methyl substituted methylenecyclohexene oxides. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 1911-1918		17
34	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, 12301-12308	16.4	49
33	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
32	Facial Stereoselectivity of Two-Step Additions Initiated by Electrophilic Halogens to Methylenecyclohexanes. A Comparison with Epoxidation. <i>Journal of Organic Chemistry</i> , 1995 , 60, 6214-6217	4.2	15
31	New mechanistic insight into the electrophilic bromination of olefins. <i>Industrial Chemistry Library</i> , 1995 , 128-151		6
30	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
29	A simple and highly diastereoselective preparation of glycol epoxides using the MCPBA-KF complex. <i>Tetrahedron Letters</i> , 1994 , 35, 8433-8436	2	44
28	The rabbit liver microsomal biotransformation of 1,1-dialkylethylenes: enantioface selection of epoxidation and enantioselectivity of epoxide hydrolysis. <i>Chirality</i> , 1994 , 6, 207-12	2.1	9
27	Kinetics and stereochemistry of the microsomal epoxide hydrolase-catalyzed hydrolysis of cis-stilbene oxides. <i>Chirality</i> , 1994 , 6, 577-82	2.1	18
26	Enantioselectivity in the Rabbit Liver Microsomal Biotransformation of Styrene and Phenylpropenes. <i>Biocatalysis</i> , 1994 , 10, 149-157		4
25	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. <i>Journal of Organic Chemistry</i> , 1993 , 58, 3575-3577	4.2	17
24	A dynamic NMR investigation of the adamantylideneadamantane/bromine system. Kinetic and thermodynamic evidence for reversible formation of the bromonium ion/Br ⁻ pairs. <i>Journal of Organic Chemistry</i> , 1993 , 58, 3401-3406	4.2	11
23	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
22	Kinetic evidence for rate determination during the nucleophilic step of olefin bromination. The case of 5H-dibenz[b,f]azepine-5-carbonyl chloride. <i>Journal of Organic Chemistry</i> , 1993 , 58, 7120-7127	4.2	3

21	The detection of ionic intermediates during the bromination of 5H-dibenz[b,f]azepine-5-carboxamide in 1,2-dichloroethane. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1992 , 637		4
20	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
19	The cytochrome P-450 catalyzed oxidation of 1-methylcyclohexene. Competition between hydroxylation and epoxidation and absolute stereochemistry of the epoxidation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991 , 1, 121-124	2.9	5
18	Factors affecting the reversibility of the electrophilic step in olefin bromination. The case of 5H-dibenzo [a, d] cycloheptene. <i>Journal of Physical Organic Chemistry</i> , 1991 , 4, 387-398	2.1	8
17	Regio- and enantio-selectivity of the cytosolic epoxide hydrolase-catalysed hydrolysis of racemic monosubstituted alkyloxiranes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991 , 361		16
16	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
15	Bromination of alkenes in acetonitrile. A rate and product study. <i>Journal of Organic Chemistry</i> , 1991 , 56, 3067-3073	4.2	28
14	Concentration dependence of the steric course of the bromine addition to arylalkenes. The case of stilbenes. <i>Journal of Organic Chemistry</i> , 1990 , 55, 4094-4098	4.2	9
13	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
12	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
11	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
10	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
9	Product enantioselectivity in the microsomal epoxide hydrolase catalyzed hydrolysis of 10,11-dihydro-10,11-epoxy-5H-dibenzo[a,d]cycloheptene. <i>Journal of Organic Chemistry</i> , 1989 , 54, 968-970	4.2	12
8	Enantioselectivity of the enzymatic hydrolysis of cyclohexene oxide and (R)-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
7	The low reactivity of 5H-dibenzo[a, d]cycloheptene 10,11-oxide in microsomal epoxide hydrolase catalysed hydration. <i>Xenobiotica</i> , 1989 , 19, 279-85	2	3
6	Restricted conformational processes in 10,11-dihydro-5H-dibenz [b,f]azepine derivatives. a DNMR study. <i>Tetrahedron</i> , 1988 , 44, 4863-4870	2.4	4
5	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
4	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

- | | | | |
|---|---|-----|----|
| 3 | 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 |
| 2 | Enzymatic Oxidation Chemistry319-350 | | 1 |
| 1 | The first intermediates in the bromination of bicyclo[3.3.1]nonylidenebicyclo[3.3.1]nonane, combination of experiments and theoretical results631-639 | | |