

Snia P M Ventura

List of Publications by Year in Descending Order

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

145
papers

5,347
citations

41
h-index

69
g-index

159
ext. papers

6,242
ext. citations

6.8
avg, IF

6
L-index

#	Paper	IF	Citations
145	Purification of Immunoglobulin Y from egg yolk using thermoresponsive aqueous micellar two-phase systems comprising ionic liquids. <i>Separation and Purification Technology</i> , 2022 , 120589	8.3	0
144	Supplementation of carotenoids from peach palm waste () obtained with an ionic liquid mediated process displays kidney anti-inflammatory and antioxidant outcomes.. <i>Food Chemistry: X</i> , 2022 , 13, 100245	4.7	0
143	Identification of azaphilone derivatives of <i>Monascus</i> colorants from <i>Talaromyces amestolkiae</i> and their halochromic properties. <i>Food Chemistry</i> , 2022 , 372, 131214	8.5	3
142	Using aqueous solutions of ionic liquids as chlorophyll eluents in solid-phase extraction processes. <i>Chemical Engineering Journal</i> , 2022 , 428, 131073	14.7	7
141	Bio-Based Solar Energy Harvesting for Onsite Mobile Optical Temperature Sensing in Smart Cities.. <i>Advanced Science</i> , 2022 , e2104801	13.6	3
140	Crustacean waste biorefinery as a sustainable cost-effective business model. <i>Chemical Engineering Journal</i> , 2022 , 135937	14.7	2
139	Uncovering the potential of aqueous solutions of deep eutectic solvents on the extraction and purification of collagen type I from Atlantic codfish (<i>Gadus morhua</i>). <i>Green Chemistry</i> , 2021 , 23, 8940-8948	10	2
138	Sustainable Strategy Based on Induced Precipitation for the Purification of Phycobiliproteins. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 3942-3954	8.3	7
137	Multiproduct Microalgae Biorefineries Mediated by Ionic Liquids. <i>Trends in Biotechnology</i> , 2021 , 39, 1131-1143	11.43	6
136	Protein-olive oil-in-water nanoemulsions as encapsulation materials for curcumin acting as anticancer agent towards MDA-MB-231 cells. <i>Scientific Reports</i> , 2021 , 11, 9099	4.9	6
135	Enhancing Artemisinin Solubility in Aqueous Solutions: Searching for Hydrotropes based on Ionic Liquids. <i>Fluid Phase Equilibria</i> , 2021 , 534, 112961	2.5	1
134	The Bright Side of Cyanobacteria: Revising the Nuisance Potential and Prospecting Innovative Biotechnology-Based Solutions to Integrate Water Management Programs. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 7182-7197	8.3	2
133	Extraction and Fractionation of Pigments from <i>Saccharina latissima</i> (Linnaeus, 2006) Using an Ionic Liquid + Oil + Water System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6599-6612	8.3	10
132	Evaluating the hazardous impact of ionic liquids - Challenges and opportunities. <i>Journal of Hazardous Materials</i> , 2021 , 412, 125215	12.8	29
131	Cholinium-based ionic liquids as bioinspired hydrotropes to tackle solubility challenges in drug formulation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 164, 86-92	5.7	7
130	Sequential recovery of C-phycoyanin and chlorophylls from <i>Anabaena cylindrica</i> . <i>Separation and Purification Technology</i> , 2021 , 255, 117538	8.3	8
129	Extraction of chlorophyll from wild and farmed <i>Ulva</i> spp. using aqueous solutions of ionic liquids. <i>Separation and Purification Technology</i> , 2021 , 254, 117589	8.3	17

128	Recovery of pigments from <i>Ulva rigida</i> . <i>Separation and Purification Technology</i> , 2021 , 255, 117723	8.3	9
127	Economic analysis of the production and recovery of green fluorescent protein using ATPS-based bioprocesses. <i>Separation and Purification Technology</i> , 2021 , 254, 117595	8.3	7
126	New insights on the effects of ionic liquid structural changes at the gene expression level: Molecular mechanisms of toxicity in <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2021 , 409, 124517	12.8	6
125	Insights on the use of alternative solvents and technologies to recover bio-based food pigments. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021 , 20, 787-818	16.4	14
124	Study of the partition of sodium diclofenac and norfloxacin in aqueous two-phase systems based on copolymers and dextran. <i>Fluid Phase Equilibria</i> , 2021 , 530, 112868	2.5	4
123	Purification of green fluorescent protein using fast centrifugal partition chromatography. <i>Separation and Purification Technology</i> , 2021 , 257, 117648	8.3	2
122	Recovery of Chlorophyll a Derivative from <i>Spirulina maxima</i> : Its Purification and Photosensitizing Potential. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 1772-1780	8.3	4
121	Carotenoids obtained from an ionic liquid-mediated process display anti-inflammatory response in the adipose tissue-liver axis. <i>Food and Function</i> , 2021 , 12, 8478-8491	6.1	2
120	Zwitterionic compounds are less ecotoxic than their analogous ionic liquids. <i>Green Chemistry</i> , 2021 , 23, 3683-3692	10	6
119	Microalgae as Contributors to Produce Biopolymers. <i>Marine Drugs</i> , 2021 , 19,	6	11
118	Amino-acid-based chiral ionic liquids characterization and application in aqueous biphasic systems. <i>Fluid Phase Equilibria</i> , 2021 , 542-543, 113091	2.5	3
117	Environmentally friendly luminescent solar concentrators based on an optically efficient and stable green fluorescent protein. <i>Green Chemistry</i> , 2020 , 22, 4943-4951	10	15
116	Separation and purification of biomacromolecules based on microfluidics. <i>Green Chemistry</i> , 2020 , 22, 4391-4410	10	25
115	Emerging seaweed extraction techniques using ionic liquids 2020 , 287-311		3
114	Ionic Liquid-Mediated Recovery of Carotenoids from the <i>Bactris gasipaes</i> Fruit Waste and Their Application in Food-Packaging Chitosan Films. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 4085-4095	8.3	26
113	Potential Threats of Ionic Liquids to the Environment and Ecosphere 2020 , 1-17		0
112	Protein Cohabitation: Improving the Photochemical Stability of R-Phycocerythrin in the Solid State. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 6249-6255	6.4	9
111	Development of a Microfluidic Platform for R-Phycocerythrin Purification Using an Aqueous Micellar Two-Phase System. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 17097-17105	8.3	3

110	Unravelling the Interactions between Surface-Active Ionic Liquids and Triblock Copolymers for the Design of Thermal Responsive Systems. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 7046-7058	3.4	6
109	Separation of mandelic acid enantiomers using solid-liquid biphasic systems with chiral ionic liquids. <i>Separation and Purification Technology</i> , 2020 , 252, 117468	8.3	7
108	Recovering PHA from mixed microbial biomass: Using non-ionic surfactants as a pretreatment step. <i>Separation and Purification Technology</i> , 2020 , 253, 117521	8.3	11
107	Applicability of heuristic rules defining structure–toxicity relationships of ionic liquids: an integrative assessment using species sensitivity distributions (SSD). <i>Green Chemistry</i> , 2020 , 22, 6176-6186	10	6
106	Imidazolium-based Ionic Liquids as Adjuvants to Form Polyethylene Glycol with Salt Buffer Aqueous Biphasic Systems. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 3794-3801	2.8	4
105	Glycine-betaine-derived ionic liquids: Synthesis, characterization and ecotoxicological evaluation. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 184, 109580	7	18
104	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of Escherichia Coli Cells. <i>ChemPhysChem</i> , 2019 , 20, 727-735	3.2	14
103	PEGylation as an efficient tool to enhance cytochrome c thermostability: a kinetic and thermodynamic study. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4432-4439	7.3	6
102	Efficient Extraction of Carotenoids from Using Aqueous Solutions of Tween 20. <i>Marine Drugs</i> , 2019 , 17,	6	7
101	Odd/Even Effect in the Formation and Extraction Performance of Ionic-Liquid-Based Aqueous Biphasic Systems. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 8323-8331	3.9	5
100	Synthesis and characterization of analogues of glycine-betaine ionic liquids and their use in the formation of aqueous biphasic systems. <i>Fluid Phase Equilibria</i> , 2019 , 494, 239-245	2.5	10
99	Ionic liquid-high performance extractive approach to recover carotenoids from <i>Bactris gasipaes</i> fruits. <i>Green Chemistry</i> , 2019 , 21, 2380-2391	10	35
98	Synthesis and characterization of chiral ionic liquids based on quinine, l-proline and l-valine for enantiomeric recognition. <i>Journal of Molecular Liquids</i> , 2019 , 283, 410-416	6	17
97	Cytotoxicity profiling of deep eutectic solvents to human skin cells. <i>Scientific Reports</i> , 2019 , 9, 3932	4.9	48
96	R-phycoerythrin extraction and purification from fresh <i>Gracilaria</i> sp. using thermo-responsive systems. <i>Green Chemistry</i> , 2019 , 21, 3816-3826	10	17
95	Integration of aqueous (micellar) two-phase systems on the proteins separation. <i>BMC Chemical Engineering</i> , 2019 , 1,	3.5	8
94	Rationalizing the Phase Behavior of Triblock Copolymers through Experiments and Molecular Simulations. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 21224-21236	3.8	19
93	Use of Ionic Liquids as Cosurfactants in Mixed Aqueous Micellar Two-Phase Systems to Improve the Simultaneous Separation of Immunoglobulin G and Human Serum Albumin from Expired Human Plasma. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15102-15113	8.3	15

92	Continuous separation of cytochrome-c PEGylated conjugates by fast centrifugal partition chromatography. <i>Green Chemistry</i> , 2019 , 21, 5501-5506	10	6
91	Temperature-responsive extraction of violacein using a tuneable anionic surfactant-based system. <i>Chemical Communications</i> , 2019 , 55, 8643-8646	5.8	4
90	A simple approach for the determination and characterization of ternary phase diagrams of aqueous two-phase systems composed of water, polyethylene glycol and sodium carbonate 2019 , 53, 112-120		1
89	Controlling the l-asparaginase extraction and purification by the appropriate selection of polymer/salt-based aqueous biphasic systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 95, 1016	3.5	1
88	Extraction and purification of violacein from <i>Yarrowia lipolytica</i> cells using aqueous solutions of surfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 95, 1126	3.5	3
87	An integrated process combining the reaction and purification of PEGylated proteins. <i>Green Chemistry</i> , 2019 , 21, 6407-6418	10	5
86	Sustainable Liquid Luminescent Solar Concentrators. <i>Advanced Sustainable Systems</i> , 2019 , 3, 1800134	5.9	22
85	Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application. <i>Carbohydrate Polymers</i> , 2019 , 206, 187-197	10.3	41
84	Aqueous biphasic systems in the separation of food colorants. <i>Biochemistry and Molecular Biology Education</i> , 2018 , 46, 390-397	1.3	3
83	Separation of phenolic acids by centrifugal partition chromatography. <i>Green Chemistry</i> , 2018 , 20, 1906-1916	10.6	18
82	Odd-even effect on the formation of aqueous biphasic systems formed by 1-alkyl-3-methylimidazolium chloride ionic liquids and salts. <i>Journal of Chemical Physics</i> , 2018 , 148,	3.9	14
81	Recovery of Nonsteroidal Anti-Inflammatory Drugs from Wastes Using Ionic-Liquid-Based Three-Phase Partitioning Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 4574-4585	8.3	12
80	Extraction of recombinant proteins from <i>Escherichia coli</i> by cell disruption with aqueous solutions of surface-active compounds. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 1864-1870	3.5	16
79	Enhanced dissolution of ibuprofen using ionic liquids as cationic hydrotropes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 2094-2103	3.6	43
78	Recovery of carotenoids from brown seaweeds using aqueous solutions of surface-active ionic liquids and anionic surfactants. <i>Separation and Purification Technology</i> , 2018 , 196, 300-308	8.3	30
77	In situ purification of periplasmic L-asparaginase by aqueous two phase systems with ionic liquids (ILs) as adjuvants. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 1871-1880	3.5	21
76	Aqueous Biphasic Systems Composed of Cholinium Chloride and Polymers as Effective Platforms for the Purification of Recombinant Green Fluorescent Protein. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9383-9393	8.3	21
75	Aqueous Biphasic Systems Using Chiral Ionic Liquids for the Enantioseparation of Mandelic Acid Enantiomers. <i>Solvent Extraction and Ion Exchange</i> , 2018 , 36, 617-631	2.5	14

74	Understanding the interactions of imidazolium-based ionic liquids with cell membrane models. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 29764-29777	3.6	19
73	Fractionation of <i>Isochrysis galbana</i> Proteins, Arabinans, and Glucans Using Ionic-Liquid-Based Aqueous Biphasic Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14042-14053	8.3	16
72	The antagonist and synergist potential of cholinium-based deep eutectic solvents. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 165, 597-602	7	24
71	Unraveling the ecotoxicity of deep eutectic solvents using the mixture toxicity theory. <i>Chemosphere</i> , 2018 , 212, 890-897	8.4	43
70	Ionic-Liquid-Mediated Extraction and Separation Processes for Bioactive Compounds: Past, Present, and Future Trends. <i>Chemical Reviews</i> , 2017 , 117, 6984-7052	68.1	492
69	Good's Buffer Ionic Liquids as Relevant Phase-Forming Components of Self-Buffered Aqueous Biphasic Systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 2287-2299	3.5	11
68	Temperature dependency of aqueous biphasic systems: an alternative approach for exploring the differences between Coulombic-dominated salts and ionic liquids. <i>Chemical Communications</i> , 2017 , 53, 7298-7301	5.8	14
67	Ecotoxicological evaluation of magnetic ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 143, 315-321	7	28
66	Multistep purification of cytochrome c PEGylated forms using polymer-based aqueous biphasic systems. <i>Green Chemistry</i> , 2017 , 19, 5800-5808	10	15
65	Impact of Surface Active Ionic Liquids on the Cloud Points of Nonionic Surfactants and the Formation of Aqueous Micellar Two-Phase Systems. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 8742-8755	3.4	37
64	Lipase production and purification by self-buffering ionic liquid-based aqueous biphasic systems. <i>Process Biochemistry</i> , 2017 , 63, 221-228	4.8	17
63	Purification of clavulanic acid produced by <i>Streptomyces clavuligerus</i> via submerged fermentation using polyethylene glycol/cholinium chloride aqueous two-phase systems. <i>Fluid Phase Equilibria</i> , 2017 , 450, 42-50	2.5	15
62	Using Ionic Liquids To Tune the Performance of Aqueous Biphasic Systems Based on Pluronic L-35 for the Purification of Naringin and Rutin. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6409-6419	8.3	20
61	Heterologous expression and purification of active L-asparaginase I of <i>Saccharomyces cerevisiae</i> in <i>Escherichia coli</i> host. <i>Biotechnology Progress</i> , 2017 , 33, 416-424	2.8	8
60	Single-step extraction of carotenoids from brown macroalgae using non-ionic surfactants. <i>Separation and Purification Technology</i> , 2017 , 172, 268-276	8.3	30
59	Fractionation of phenolic compounds from lignin depolymerisation using polymeric aqueous biphasic systems with ionic surfactants as electrolytes. <i>Green Chemistry</i> , 2016 , 18, 5569-5579	10	20
58	Development of predictive QSAR models for toxicity of ionic liquids and their true external and experimental validation tests. <i>Toxicology Research</i> , 2016 , 5, 1388-1399	2.6	24
57	Lipase Production and Purification from Fermentation Broth Using Ionic Liquids 2016 , 59-97		6

56	Densities, Viscosities, and Refractive Indexes of Good Buffer Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2260-2268	2.8	13
55	Selective partition of caffeine from coffee bean and guaran seed extracts using alcohol salt aqueous two-phase systems. <i>Separation Science and Technology</i> , 2016 , 51, 2008-2019	2.5	6
54	Recovery of bromelain from pineapple stem residues using aqueous micellar two-phase systems with ionic liquids as co-surfactants. <i>Process Biochemistry</i> , 2016 , 51, 528-534	4.8	35
53	(Eco)toxicity and biodegradability of protic ionic liquids. <i>Chemosphere</i> , 2016 , 147, 460-6	8.4	81
52	Recovery of an antidepressant from pharmaceutical wastes using ionic liquid-based aqueous biphasic systems. <i>Green Chemistry</i> , 2016 , 18, 3527-3536	10	28
51	Recovery of ibuprofen from pharmaceutical wastes using ionic liquids. <i>Green Chemistry</i> , 2016 , 18, 3749-3757	10	21
50	Modeling of the binodal curve of ionic liquid/salt aqueous systems. <i>Fluid Phase Equilibria</i> , 2016 , 426, 10-16	10	5
49	Evaluating the toxicity of biomass derived platform chemicals. <i>Green Chemistry</i> , 2016 , 18, 4733-4742	10	25
48	Recovery of capsaicin from <i>Capsicum frutescens</i> by applying aqueous two-phase systems based on acetonitrile and cholinium-based ionic liquids. <i>Chemical Engineering Research and Design</i> , 2016 , 112, 103-112	5.5	29
47	Recovery of phycobiliproteins from the red macroalga <i>Gracilaria</i> sp. using ionic liquid aqueous solutions. <i>Green Chemistry</i> , 2016 , 18, 4287-4296	10	59
46	Toward the Recovery and Reuse of the ABS Phase-Forming Components. <i>Green Chemistry and Sustainable Technology</i> , 2016 , 285-315	1.1	2
45	Ionic liquids as a novel class of electrolytes in polymeric aqueous biphasic systems. <i>Process Biochemistry</i> , 2015 , 50, 661-668	4.8	28
44	Environmental safety of cholinium-based ionic liquids: assessing structure-ecotoxicity relationships. <i>Green Chemistry</i> , 2015 , 17, 4657-4668	10	93
43	Role of the chemical structure of ionic liquids in their ecotoxicity and reactivity towards Fenton oxidation. <i>Separation and Purification Technology</i> , 2015 , 150, 252-256	8.3	33
42	Lipase purification using ionic liquids as adjuvants in aqueous two-phase systems. <i>Green Chemistry</i> , 2015 , 17, 3026-3034	10	67
41	Ecotoxicity of Cholinium-Based Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3398-3404	8.3	83
40	Evaluating Self-buffering Ionic Liquids for Biotechnological Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3420-3428	8.3	41
39	Enhancing the antioxidant characteristics of phenolic acids by their conversion into cholinium salts. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2558-2565	8.3	36

38	Ionic liquid-based aqueous biphasic systems as a versatile tool for the recovery of antioxidant compounds. <i>Biotechnology Progress</i> , 2015 , 31, 70-7	2.8	29
37	From water-in-oil to oil-in-water emulsions to optimize the production of fatty acids using ionic liquids in micellar systems. <i>Biotechnology Progress</i> , 2015 , 31, 1473-80	2.8	5
36	Novel biocompatible and self-buffering ionic liquids for biopharmaceutical applications. <i>Chemistry - A European Journal</i> , 2015 , 21, 4781-8	4.8	88
35	Ionic liquid-based three phase partitioning (ILTPP) systems: Ionic liquid recovery and recycling. <i>Fluid Phase Equilibria</i> , 2014 , 371, 67-74	2.5	36
34	Understanding the impact of the central atom on the ionic liquid behavior: phosphonium vs ammonium cations. <i>Journal of Chemical Physics</i> , 2014 , 140, 064505	3.9	109
33	Recovery of paracetamol from pharmaceutical wastes. <i>Separation and Purification Technology</i> , 2014 , 122, 315-322	8.3	38
32	Good's buffers as a basis for developing self-buffering and biocompatible ionic liquids for biological research. <i>Green Chemistry</i> , 2014 , 16, 3149-3159	10	84
31	Design of novel aqueous micellar two-phase systems using ionic liquids as co-surfactants for the selective extraction of (bio)molecules. <i>Separation and Purification Technology</i> , 2014 , 135, 259-267	8.3	57
30	Superactivity induced by micellar systems as the key for boosting the yield of enzymatic reactions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 107, 140-151		49
29	The effect of the cation alkyl chain branching on mutual solubilities with water and toxicities. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19952-63	3.6	56
28	Sustainable design for environment-friendly mono and dicationic cholinium-based ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 108, 302-10	7	69
27	Phase diagrams of ionic liquids-based aqueous biphasic systems as a platform for extraction processes. <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 206-213	2.9	47
26	Ionic liquid recovery alternatives in ionic liquid-based three-phase partitioning (ILTPP). <i>AIChE Journal</i> , 2014 , 60, 3577-3586	3.6	19
25	Degradation of imidazolium-based ionic liquids in aqueous solution by Fenton oxidation. <i>Journal of Chemical Technology and Biotechnology</i> , 2014 , 89, 1197-1202	3.5	43
24	Effect of ionic liquids as adjuvants on PEG-based ABS formation and the extraction of two probe dyes. <i>Fluid Phase Equilibria</i> , 2014 , 375, 30-36	2.5	55
23	Ecotoxicity analysis of cholinium-based ionic liquids to <i>Vibrio fischeri</i> marine bacteria. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 102, 48-54	7	155
22	Aqueous biphasic systems composed of ionic liquids and polymers: A platform for the purification of biomolecules. <i>Separation and Purification Technology</i> , 2013 , 113, 83-89	8.3	72
21	Isolation of natural red colorants from fermented broth using ionic liquid-based aqueous two-phase systems. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013 , 40, 507-16	4.2	51

20	Imidazolium and Pyridinium Ionic Liquids From Mandelic Acid Derivatives: Synthesis and Bacteria and Algae Toxicity Evaluation. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 393-402	8.3	63
19	Designing ionic liquids: the chemical structure role in the toxicity. <i>Ecotoxicology</i> , 2013 , 22, 1-12	2.9	195
18	Ionic liquids microemulsions: the key to <i>Candida antarctica</i> lipase B superactivity. <i>Green Chemistry</i> , 2012 , 14, 1620	10	55
17	Toxicity assessment of various ionic liquid families towards <i>Vibrio fischeri</i> marine bacteria. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 76, 162-8	7	231
16	Increased significance of food wastes: selective recovery of added-value compounds. <i>Food Chemistry</i> , 2012 , 135, 2453-61	8.5	51
15	Production and purification of an extracellular lipolytic enzyme using ionic liquid-based aqueous two-phase systems. <i>Green Chemistry</i> , 2012 , 14, 734	10	93
14	Ionic-Liquid-Based Aqueous Biphasic Systems with Controlled pH: The Ionic Liquid Anion Effect. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 507-512	2.8	60
13	Simple screening method to identify toxic/non-toxic ionic liquids: agar diffusion test adaptation. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 83, 55-62	7	73
12	Concentration effect of hydrophilic ionic liquids on the enzymatic activity of <i>Candida antarctica</i> lipase B. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 2303-10	4.4	47
11	Ionic Liquid Based Aqueous Biphasic Systems with Controlled pH: The Ionic Liquid Cation Effect. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4253-4260	2.8	89
10	Design of ionic liquids for lipase purification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 2679-87	3.2	80
9	Ecotoxicological risk profile of ionic liquids: octanol-water distribution coefficients and toxicological data. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 957-963	3.5	43
8	Assessing the toxicity on [C3mim][Tf2N] to aquatic organisms of different trophic levels. <i>Aquatic Toxicology</i> , 2010 , 96, 290-7	5.1	109
7	Solubility of non-aromatic ionic liquids in water and correlation using a QSPR approach. <i>Fluid Phase Equilibria</i> , 2010 , 294, 234-240	2.5	73
6	Evaluation of cation influence on the formation and extraction capability of ionic-liquid-based aqueous biphasic systems. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 5194-9	3.4	221
5	Evaluation of anion influence on the formation and extraction capacity of ionic-liquid-based aqueous biphasic systems. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 9304-10	3.4	264
4	High pressure solubility data of carbon dioxide in (tri-iso-butyl(methyl)phosphonium tosylate + water) systems. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 1187-1192	2.9	74
3	Evaluation of COSMO-RS for the prediction of LLE and VLE of water and ionic liquids binary systems. <i>Fluid Phase Equilibria</i> , 2008 , 268, 74-84	2.5	127

2	High-Pressure Solubility Data of Methane in Aniline and Aqueous Aniline Systems. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1100-1102	2.8	15
1	Enhanced Dissolution of Chitin Using Acidic Deep Eutectic Solvents: A Sustainable and Simple Approach to Extract Chitin from Crayfish shell Wastes as Alternative Feedstocks. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	2