Snia P M Ventura

List of Publications by Citations

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	Ionic-Liquid-Mediated Extraction and Separation Processes for Bioactive Compounds: Past, Present, and Future Trends. *Chemical Reviews*, **2017**, 117, 6984-7052	68.1	492
144	Evaluation of anion influence on the formation and extraction capacity of ionic-liquid-based aqueous biphasic systems. *Journal of Physical Chemistry B*, **2009**, 113, 9304-10	3.4	264
143	Toxicity assessment of various ionic liquid families towards Vibrio fischeri marine bacteria. *Ecotoxicology and Environmental Safety*, **2012**, 76, 162-8	7	231
142	Evaluation of cation influence on the formation and extraction capability of ionic-liquid-based aqueous biphasic systems. *Journal of Physical Chemistry B*, **2009**, 113, 5194-9	3.4	221
141	Designing ionic liquids: the chemical structure role in the toxicity. *Ecotoxicology*, **2013**, 22, 1-12	2.9	195
140	Ecotoxicity analysis of cholinium-based ionic liquids to Vibrio fischeri marine bacteria. *Ecotoxicology and Environmental Safety*, **2014**, 102, 48-54	7	155
139	Evaluation of COSMO-RS for the prediction of LLE and VLE of water and ionic liquids binary systems. *Fluid Phase Equilibria*, **2008**, 268, 74-84	2.5	127
138	Understanding the impact of the central atom on the ionic liquid behavior: phosphonium vs ammonium cations. *Journal of Chemical Physics*, **2014**, 140, 064505	3.9	109
137	Assessing the toxicity on [C3mim][Tf2N] to aquatic organisms of different trophic levels. *Aquatic Toxicology*, **2010**, 96, 290-7	5.1	109
136	Environmental safety of cholinium-based ionic liquids: assessing structure□ecotoxicity relationships. *Green Chemistry*, **2015**, 17, 4657-4668	10	93
135	Production and purification of an extracellular lipolytic enzyme using ionic liquid-based aqueous two-phase systems. *Green Chemistry*, **2012**, 14, 734	10	93
134	Ionic Liquid Based Aqueous Biphasic Systems with Controlled pH: The Ionic Liquid Cation Effect. *Journal of Chemical & Engineering Data*, **2011**, 56, 4253-4260	2.8	89
133	Novel biocompatible and self-buffering ionic liquids for biopharmaceutical applications. *Chemistry - A European Journal*, **2015**, 21, 4781-8	4.8	88
132	Good's buffers as a basis for developing self-buffering and biocompatible ionic liquids for biological research. *Green Chemistry*, **2014**, 16, 3149-3159	10	84
131	Ecotoxicity of Cholinium-Based Deep Eutectic Solvents. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 3398-3404	8.3	83
130	(Eco)toxicity and biodegradability of protic ionic liquids. *Chemosphere*, **2016**, 147, 460-6	8.4	81
129	Design of ionic liquids for lipase purification. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2011**, 879, 2679-87	3.2	80

128	High pressure solubility data of carbon dioxide in (tri-iso-butyl(methyl)phosphonium tosylate + water) systems. *Journal of Chemical Thermodynamics*, **2008**, 40, 1187-1192	2.9	74
127	Simple screening method to identify toxic/non-toxic ionic liquids: agar diffusion test adaptation. *Ecotoxicology and Environmental Safety*, **2012**, 83, 55-62	7	73
126	Solubility of non-aromatic ionic liquids in water and correlation using a QSPR approach. *Fluid Phase Equilibria*, **2010**, 294, 234-240	2.5	73
125	Aqueous biphasic systems composed of ionic liquids and polymers: A platform for the purification of biomolecules. *Separation and Purification Technology*, **2013**, 113, 83-89	8.3	72
124	Sustainable design for environment-friendly mono and dicationic cholinium-based ionic liquids. *Ecotoxicology and Environmental Safety*, **2014**, 108, 302-10	7	69
123	Lipase purification using ionic liquids as adjuvants in aqueous two-phase systems. *Green Chemistry*, **2015**, 17, 3026-3034	10	67
122	Imidazolium and Pyridinium Ionic Liquids from Mandelic Acid Derivatives: Synthesis and Bacteria and Algae Toxicity Evaluation. *ACS Sustainable Chemistry and Engineering*, **2013**, 1, 393-402	8.3	63
121	Ionic-Liquid-Based Aqueous Biphasic Systems with Controlled pH: The Ionic Liquid Anion Effect. *Journal of Chemical & Engineering Data*, **2012**, 57, 507-512	2.8	60
120	Recovery of phycobiliproteins from the red macroalga Gracilaria sp. using ionic liquid aqueous solutions. *Green Chemistry*, **2016**, 18, 4287-4296	10	59
119	Design of novel aqueous micellar two-phase systems using ionic liquids as co-surfactants for the selective extraction of (bio)molecules. *Separation and Purification Technology*, **2014**, 135, 259-267	8.3	57
118	The effect of the cation alkyl chain branching on mutual solubilities with water and toxicities. *Physical Chemistry Chemical Physics*, **2014**, 16, 19952-63	3.6	56
117	Effect of ionic liquids as adjuvants on PEG-based ABS formation and the extraction of two probe dyes. *Fluid Phase Equilibria*, **2014**, 375, 30-36	2.5	55
116	Ionic liquids microemulsions: the key to Candida antarctica lipase B superactivity. *Green Chemistry*, **2012**, 14, 1620	10	55
115	Isolation of natural red colorants from fermented broth using ionic liquid-based aqueous two-phase systems. *Journal of Industrial Microbiology and Biotechnology*, **2013**, 40, 507-16	4.2	51
114	Increased significance of food wastes: selective recovery of added-value compounds. *Food Chemistry*, **2012**, 135, 2453-61	8.5	51
113	Superactivity induced by micellar systems as the key for boosting the yield of enzymatic reactions. *Journal of Molecular Catalysis B: Enzymatic*, **2014**, 107, 140-151		49
112	Cytotoxicity profiling of deep eutectic solvents to human skin cells. *Scientific Reports*, **2019**, 9, 3932	4.9	48
111	Phase diagrams of ionic liquids-based aqueous biphasic systems as a platform for extraction processes. *Journal of Chemical Thermodynamics*, **2014**, 77, 206-213	2.9	47

110	Concentration effect of hydrophilic ionic liquids on the enzymatic activity of Candida antarctica lipase B. *World Journal of Microbiology and Biotechnology*, **2012**, 28, 2303-10	4.4	47
109	Enhanced dissolution of ibuprofen using ionic liquids as catanionic hydrotropes. *Physical Chemistry Chemical Physics*, **2018**, 20, 2094-2103	3.6	43
108	Degradation of imidazolium-based ionic liquids in aqueous solution by Fenton oxidation. *Journal of Chemical Technology and Biotechnology*, **2014**, 89, 1197-1202	3.5	43
107	Ecotoxicological risk profile of ionic liquids: octanol-water distribution coefficients and toxicological data. *Journal of Chemical Technology and Biotechnology*, **2011**, 86, 957-963	3.5	43
106	Unraveling the ecotoxicity of deep eutectic solvents using the mixture toxicity theory. *Chemosphere*, **2018**, 212, 890-897	8.4	43
105	Evaluating Self-buffering Ionic Liquids for Biotechnological Applications. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 3420-3428	8.3	41
104	Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application. *Carbohydrate Polymers*, **2019**, 206, 187-197	10.3	41
103	Recovery of paracetamol from pharmaceutical wastes. *Separation and Purification Technology*, **2014**, 122, 315-322	8.3	38
102	Impact of Surface Active Ionic Liquids on the Cloud Points of Nonionic Surfactants and the Formation of Aqueous Micellar Two-Phase Systems. *Journal of Physical Chemistry B*, **2017**, 121, 8742-8755	3.4	37
101	Enhancing the antioxidant characteristics of phenolic acids by their conversion into cholinium salts. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 2558-2565	8.3	36
100	Ionic liquid-based three phase partitioning (ILTPP) systems: Ionic liquid recovery and recycling. *Fluid Phase Equilibria*, **2014**, 371, 67-74	2.5	36
99	Ionic liquid-high performance extractive approach to recover carotenoids from Bactris gasipaes fruits. *Green Chemistry*, **2019**, 21, 2380-2391	10	35
98	Recovery of bromelain from pineapple stem residues using aqueous micellar two-phase systems with ionic liquids as co-surfactants. *Process Biochemistry*, **2016**, 51, 528-534	4.8	35
97	Role of the chemical structure of ionic liquids in their ecotoxicity and reactivity towards Fenton oxidation. *Separation and Purification Technology*, **2015**, 150, 252-256	8.3	33
96	Recovery of carotenoids from brown seaweeds using aqueous solutions of surface-active ionic liquids and anionic surfactants. *Separation and Purification Technology*, **2018**, 196, 300-308	8.3	30
95	Single-step extraction of carotenoids from brown macroalgae using non-ionic surfactants. *Separation and Purification Technology*, **2017**, 172, 268-276	8.3	30
94	Ionic liquid-based aqueous biphasic systems as a versatile tool for the recovery of antioxidant compounds. *Biotechnology Progress*, **2015**, 31, 70-7	2.8	29
93	Evaluating the hazardous impact of ionic liquids - Challenges and opportunities. *Journal of Hazardous Materials*, **2021**, 412, 125215	12.8	29

92	Recovery of capsaicin from Capsicum frutescens by applying aqueous two-phase systems based on acetonitrile and cholinium-based ionic liquids. *Chemical Engineering Research and Design*, **2016**, 112, 103-112	5.5	29
91	Ecotoxicological evaluation of magnetic ionic liquids. *Ecotoxicology and Environmental Safety*, **2017**, 143, 315-321	7	28
90	Ionic liquids as a novel class of electrolytes in polymeric aqueous biphasic systems. *Process Biochemistry*, **2015**, 50, 661-668	4.8	28
89	Recovery of an antidepressant from pharmaceutical wastes using ionic liquid-based aqueous biphasic systems. *Green Chemistry*, **2016**, 18, 3527-3536	10	28
88	Ionic Liquid-Mediated Recovery of Carotenoids from the Bactris gasipaes Fruit Waste and Their Application in Food-Packaging Chitosan Films. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 4085-4095	8.3	26
87	Separation and purification of biomacromolecules based on microfluidics. *Green Chemistry*, **2020**, 22, 4391-4410	10	25
86	Evaluating the toxicity of biomass derived platform chemicals. *Green Chemistry*, **2016**, 18, 4733-4742	10	25
85	Development of predictive QSAR models for toxicity of ionic liquids and their true external and experimental validation tests. *Toxicology Research*, **2016**, 5, 1388-1399	2.6	24
84	The antagonist and synergist potential of cholinium-based deep eutectic solvents. *Ecotoxicology and Environmental Safety*, **2018**, 165, 597-602	7	24
83	Sustainable Liquid Luminescent Solar Concentrators. *Advanced Sustainable Systems*, **2019**, 3, 1800134	5.9	22
82	In situ purification of periplasmatic L-asparaginase by aqueous two phase systems with ionic liquids (ILs) as adjuvants. *Journal of Chemical Technology and Biotechnology*, **2018**, 93, 1871-1880	3.5	21
81	Recovery of ibuprofen from pharmaceutical wastes using ionic liquids. *Green Chemistry*, **2016**, 18, 3749-3757	10	21
80	Aqueous Biphasic Systems Composed of Cholinium Chloride and Polymers as Effective Platforms for the Purification of Recombinant Green Fluorescent Protein. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 9383-9393	8.3	21
79	Fractionation of phenolic compounds from lignin depolymerisation using polymeric aqueous biphasic systems with ionic surfactants as electrolytes. *Green Chemistry*, **2016**, 18, 5569-5579	10	20
78	Using Ionic Liquids To Tune the Performance of Aqueous Biphasic Systems Based on Pluronic L-35 for the Purification of Naringin and Rutin. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 6409-6419	8.3	20
77	Rationalizing the Phase Behavior of Triblock Copolymers through Experiments and Molecular Simulations. *Journal of Physical Chemistry C*, **2019**, 123, 21224-21236	3.8	19
76	Ionic liquid recovery alternatives in ionic liquid-based three-phase partitioning (ILTPP). *AICHE Journal*, **2014**, 60, 3577-3586	3.6	19
75	Understanding the interactions of imidazolium-based ionic liquids with cell membrane models. *Physical Chemistry Chemical Physics*, **2018**, 20, 29764-29777	3.6	19

74	Glycine-betaine-derived ionic liquids: Synthesis, characterization and ecotoxicological evaluation. *Ecotoxicology and Environmental Safety*, **2019**, 184, 109580	7	18
73	Separation of phenolic acids by centrifugal partition chromatography. *Green Chemistry*, **2018**, 20, 1906-1916	10	18
72	Synthesis and characterization of chiral ionic liquids based on quinine, l-proline and l-valine for enantiomeric recognition. *Journal of Molecular Liquids*, **2019**, 283, 410-416	6	17
71	R-phycoerythrin extraction and purification from fresh Gracilaria sp. using thermo-responsive systems. *Green Chemistry*, **2019**, 21, 3816-3826	10	17
70	Lipase production and purification by self-buffering ionic liquid-based aqueous biphasic systems. *Process Biochemistry*, **2017**, 63, 221-228	4.8	17
69	Extraction of chlorophyll from wild and farmed Ulva spp. using aqueous solutions of ionic liquids. *Separation and Purification Technology*, **2021**, 254, 117589	8.3	17
68	Extraction of recombinant proteins from Escherichia coli by cell disruption with aqueous solutions of surface-active compounds. *Journal of Chemical Technology and Biotechnology*, **2018**, 93, 1864-1870	3.5	16
67	Fractionation of Isochrysis galbana Proteins, Arabinans, and Glucans Using Ionic-Liquid-Based Aqueous Biphasic Systems. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 14042-14053	8.3	16
66	Multistep purification of cytochrome c PEGylated forms using polymer-based aqueous biphasic systems. *Green Chemistry*, **2017**, 19, 5800-5808	10	15
65	Environmentally friendly luminescent solar concentrators based on an optically efficient and stable green fluorescent protein. *Green Chemistry*, **2020**, 22, 4943-4951	10	15
64	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. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 15102-15113	8.3	15
63	Purification of clavulanic acid produced by Streptomyces clavuligerus via submerged fermentation using polyethylene glycol/cholinium chloride aqueous two-phase systems. *Fluid Phase Equilibria*, **2017**, 450, 42-50	2.5	15
62	High-Pressure Solubility Data of Methane in Aniline and Aqueous Aniline Systems. *Journal of Chemical & Engineering Data*, **2007**, 52, 1100-1102	2.8	15
61	Temperature dependency of aqueous biphasic systems: an alternative approach for exploring the differences between Coulombic-dominated salts and ionic liquids. *Chemical Communications*, **2017**, 53, 7298-7301	5.8	14
60	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of Escherichia Coli Cells. *ChemPhysChem*, **2019**, 20, 727-735	3.2	14
59	Odd-even effect on the formation of aqueous biphasic systems formed by 1-alkyl-3-methylimidazolium chloride ionic liquids and salts. *Journal of Chemical Physics*, **2018**, 148,	3.9	14
58	Insights on the use of alternative solvents and technologies to recover bio-based food pigments. *Comprehensive Reviews in Food Science and Food Safety*, **2021**, 20, 787-818	16.4	14
57	Aqueous Biphasic Systems Using Chiral Ionic Liquids for the Enantioseparation of Mandelic Acid Enantiomers. *Solvent Extraction and Ion Exchange*, **2018**, 36, 617-631	2.5	14

56	Densities, Viscosities, and Refractive Indexes of Good Buffer Ionic Liquids. *Journal of Chemical & Engineering Data*, **2016**, 61, 2260-2268	2.8	13
55	Recovery of Nonsteroidal Anti-Inflammatory Drugs from Wastes Using Ionic-Liquid-Based Three-Phase Partitioning Systems. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 4574-4585	8.3	12
54	Good's Buffer Ionic Liquids as Relevant Phase-Forming Components of Self-Buffered Aqueous Biphasic Systems. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 2287-2299	3.5	11
53	Recovering PHA from mixed microbial biomass: Using non-ionic surfactants as a pretreatment step. *Separation and Purification Technology*, **2020**, 253, 117521	8.3	11
52	Microalgae as Contributors to Produce Biopolymers. *Marine Drugs*, **2021**, 19,	6	11
51	Synthesis and characterization of analogues of glycine-betaine ionic liquids and their use in the formation of aqueous biphasic systems. *Fluid Phase Equilibria*, **2019**, 494, 239-245	2.5	10
50	Extraction and Fractionation of Pigments from Saccharina latissima (Linnaeus, 2006) Using an Ionic Liquid + Oil + Water System. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 6599-6612	8.3	10
49	Protein Cohabitation: Improving the Photochemical Stability of R-Phycoerythrin in the Solid State. *Journal of Physical Chemistry Letters*, **2020**, 11, 6249-6255	6.4	9
48	Recovery of pigments from Ulva rigida. *Separation and Purification Technology*, **2021**, 255, 117723	8.3	9
47	Integration of aqueous (micellar) two-phase systems on the proteins separation. *BMC Chemical Engineering*, **2019**, 1,	3.5	8
46	Heterologous expression and purification of active L-asparaginase I of Saccharomyces cerevisiae in Escherichia coli host. *Biotechnology Progress*, **2017**, 33, 416-424	2.8	8
45	Sequential recovery of C-phycocyanin and chlorophylls from Anabaena cylindrica. *Separation and Purification Technology*, **2021**, 255, 117538	8.3	8
44	Efficient Extraction of Carotenoids from Using Aqueous Solutions of Tween 20. *Marine Drugs*, **2019**, 17,	6	7
43	Separation of mandelic acid enantiomers using solid-liquid biphasic systems with chiral ionic liquids. *Separation and Purification Technology*, **2020**, 252, 117468	8.3	7
42	Sustainable Strategy Based on Induced Precipitation for the Purification of Phycobiliproteins. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 3942-3954	8.3	7
41	Cholinium-based ionic liquids as bioinspired hydrotropes to tackle solubility challenges in drug formulation. *European Journal of Pharmaceutics and Biopharmaceutics*, **2021**, 164, 86-92	5.7	7
40	Economic analysis of the production and recovery of green fluorescent protein using ATPS-based bioprocesses. *Separation and Purification Technology*, **2021**, 254, 117595	8.3	7
39	Using aqueous solutions of ionic liquids as chlorophyll eluents in solid-phase extraction processes. *Chemical Engineering Journal*, **2022**, 428, 131073	14.7	7

38	PEGylation as an efficient tool to enhance cytochrome c thermostability: a kinetic and thermodynamic study. *Journal of Materials Chemistry B*, **2019**, 7, 4432-4439	7.3	6
37	Lipase Production and Purification from Fermentation Broth Using Ionic Liquids **2016**, 59-97		6
36	Selective partition of caffeine from coffee bean and guarana seed extracts using alcohol salt aqueous two-phase systems. *Separation Science and Technology*, **2016**, 51, 2008-2019	2.5	6
35	Continuous separation of cytochrome-c PEGylated conjugates by fast centrifugal partition chromatography. *Green Chemistry*, **2019**, 21, 5501-5506	10	6
34	Unravelling the Interactions between Surface-Active Ionic Liquids and Triblock Copolymers for the Design of Thermal Responsive Systems. *Journal of Physical Chemistry B*, **2020**, 124, 7046-7058	3.4	6
33	Applicability of heuristic rules defining structure ecotoxicity relationships of ionic liquids: an integrative assessment using species sensitivity distributions (SSD). *Green Chemistry*, **2020**, 22, 6176-6186	10	6
32	Multiproduct Microalgae Biorefineries Mediated by Ionic Liquids. *Trends in Biotechnology*, **2021**, 39, 1131-1143	15.1	6
31	Protein-olive oil-in-water nanoemulsions as encapsulation materials for curcumin acting as anticancer agent towards MDA-MB-231 cells. *Scientific Reports*, **2021**, 11, 9099	4.9	6
30	New insights on the effects of ionic liquid structural changes at the gene expression level: Molecular mechanisms of toxicity in Daphnia magna. *Journal of Hazardous Materials*, **2021**, 409, 124517	12.8	6
29	Zwitterionic compounds are less ecotoxic than their analogous ionic liquids. *Green Chemistry*, **2021**, 23, 3683-3692	10	6
28	Odd Even Effect in the Formation and Extraction Performance of Ionic-Liquid-Based Aqueous Biphasic Systems. *Industrial & Engineering Chemistry Research*, **2019**, 58, 8323-8331	3.9	5
27	Modeling of the binodal curve of ionic liquid/salt aqueous systems. *Fluid Phase Equilibria*, **2016**, 426, 10-16	2.5	5
26	From water-in-oil to oil-in-water emulsions to optimize the production of fatty acids using ionic liquids in micellar systems. *Biotechnology Progress*, **2015**, 31, 1473-80	2.8	5
25	An integrated process combining the reaction and purification of PEGylated proteins. *Green Chemistry*, **2019**, 21, 6407-6418	10	5
24	Temperature-responsive extraction of violacein using a tuneable anionic surfactant-based system. *Chemical Communications*, **2019**, 55, 8643-8646	5.8	4
23	Imidazolium-based Ionic Liquids as Adjuvants to Form Polyethylene Glycol with Salt Buffer Aqueous Biphasic Systems. *Journal of Chemical & Engineering Data*, **2020**, 65, 3794-3801	2.8	4
22	Study of the partition of sodium diclofenac and norfloxacin in aqueous two-phase systems based on copolymers and dextran. *Fluid Phase Equilibria*, **2021**, 530, 112868	2.5	4
21	Recovery of Chlorophyll a Derivative from Spirulina maxima: Its Purification and Photosensitizing Potential. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 1772-1780	8.3	4

20	Emerging seaweed extraction techniques using ionic liquids **2020**, 287-311		3
19	Aqueous biphasic systems in the separation of food colorants. *Biochemistry and Molecular Biology Education*, **2018**, 46, 390-397	1.3	3
18	Development of a Microfluidic Platform for R-Phycoerythrin Purification Using an Aqueous Micellar Two-Phase System. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 17097-17105	8.3	3
17	Extraction and purification of violacein from Yarrowia lipolytica cells using aqueous solutions of surfactants. *Journal of Chemical Technology and Biotechnology*, **2019**, 95, 1126	3.5	3
16	Amino-acid-based chiral ionic liquids characterization and application in aqueous biphasic systems. *Fluid Phase Equilibria*, **2021**, 542-543, 113091	2.5	3
15	Identification of azaphilone derivatives of Monascus colorants from Talaromyces amestolkiae and their halochromic properties. *Food Chemistry*, **2022**, 372, 131214	8.5	3
14	Bio-Based Solar Energy Harvesting for Onsite Mobile Optical Temperature Sensing in Smart Cities.. *Advanced Science*, **2022**, e2104801	13.6	3
13	Enhanced Dissolution of Chitin Using Acidic Deep Eutectic Solvents: A Sustainable and Simple Approach to Extract Chitin from Crayfish shell Wastes as Alternative Feedstocks. *ACS Sustainable Chemistry and Engineering*,	8.3	2
12	Uncovering the potential of aqueous solutions of deep eutectic solvents on the extraction and purification of collagen type I from Atlantic codfish (Gadus morhua). *Green Chemistry*, **2021**, 23, 8940-8948	10	2
11	The Bright Side of Cyanobacteria: Revising the Nuisance Potential and Prospecting Innovative Biotechnology-Based Solutions to Integrate Water Management Programs. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 7182-7197	8.3	2
10	Toward the Recovery and Reuse of the ABS Phase-Forming Components. *Green Chemistry and Sustainable Technology*, **2016**, 285-315	1.1	2
9	Purification of green fluorescent protein using fast centrifugal partition chromatography. *Separation and Purification Technology*, **2021**, 257, 117648	8.3	2
8	Carotenoids obtained from an ionic liquid-mediated process display anti-inflammatory response in the adipose tissue-liver axis. *Food and Function*, **2021**, 12, 8478-8491	6.1	2
7	Crustacean waste biorefinery as a sustainable cost-effective business model. *Chemical Engineering Journal*, **2022**, 135937	14.7	2
6	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
5	Enhancing Artemisinin Solubility in Aqueous Solutions: Searching for Hydrotropes based on Ionic Liquids. *Fluid Phase Equilibria*, **2021**, 534, 112961	2.5	1
4	Controlling the l-asparaginase extraction and purification by the appropriate selection of polymer/salt-based aqueous biphasic systems. *Journal of Chemical Technology and Biotechnology*, **2019**, 95, 1016	3.5	1
3	Purification of Immunoglobulin Y from egg yolk using thermoresponsive aqueous micellar two-phase systems comprising ionic liquids. *Separation and Purification Technology*, **2022**, 120589	8.3	0

2	Supplementation of carotenoids from peach palm waste () obtained with an ionic liquid mediated process displays kidney anti-inflammatory and antioxidant outcomes.. *Food Chemistry: X*, **2022**, 13, 100245	47	0
1	Potential Threats of Ionic Liquids to the Environment and Ecosphere **2020**, 1-17		0