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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3664817/publications.pdf

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22	2,522	430874	642732
papers	citations	18 h-index	23 g-index

23	23	23	2076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aqueous biphasic systems: a boost brought about by using ionic liquids. Chemical Society Reviews, 2012, 41, 4966.	38.1	726
2	Extended scale for the hydrogen-bond basicity of ionic liquids. Physical Chemistry Chemical Physics, 2014, 16, 6593.	2.8	218
3	Extraction of Biomolecules Using Phosphonium-Based Ionic Liquids + K3PO4 Aqueous Biphasic Systems. International Journal of Molecular Sciences, 2010, 11, 1777-1791.	4.1	181
4	Extraction of vanillin using ionic-liquid-based aqueous two-phase systems. Separation and Purification Technology, 2010, 75, 39-47.	7.9	180
5	The magic of aqueous solutions of ionic liquids: ionic liquids as a powerful class of catanionic hydrotropes. Green Chemistry, 2015, 17, 3948-3963.	9.0	156
6	Enhanced extraction of caffeine from guaranÃ¡ seeds using aqueous solutions of ionic liquids. Green Chemistry, 2013, 15, 2002.	9.0	127
7	Optimization of the gallic acid extraction using ionic-liquid-based aqueous two-phase systems. Separation and Purification Technology, 2012, 97, 142-149.	7.9	108
8	Characterization of aqueous biphasic systems composed of ionic liquids and a citrate-based biodegradable salt. Biochemical Engineering Journal, 2012, 67, 68-76.	3.6	99
9	Hydrogen-bond acidity of ionic liquids: an extended scale. Physical Chemistry Chemical Physics, 2015, 17, 18980-18990.	2.8	99
10	Development of back-extraction and recyclability routes for ionic-liquid-based aqueous two-phase systems. Green Chemistry, 2014, 16, 259-268.	9.0	89
11	Critical Assessment of the Formation of Ionic-Liquid-Based Aqueous Two-Phase Systems in Acidic Media. Journal of Physical Chemistry B, 2011, 115, 11145-11153.	2.6	85
12	Evaluation of the impact of phosphate salts on the formation of ionic-liquid-based aqueous biphasic systems. Journal of Chemical Thermodynamics, 2012, 54, 398-405.	2.0	81
13	Thermophysical Properties and Water Saturation of [PF₆]-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2010, 55, 5065-5073.	1.9	75
14	On the Interactions between Amino Acids and Ionic Liquids in Aqueous Media. Journal of Physical Chemistry B, 2009, 113, 13971-13979.	2.6	68
15	Aqueous Solutions of Surface-Active Ionic Liquids: Remarkable Alternative Solvents To Improve the Solubility of Triterpenic Acids and Their Extraction from Biomass. ACS Sustainable Chemistry and Engineering, 2017, 5, 7344-7351.	6.7	54
16	Valorization of olive tree leaves: Extraction of oleanolic acid using aqueous solutions of surface-active ionic liquids. Separation and Purification Technology, 2018, 204, 30-37.	7.9	37
17	Deep Eutectic Solvents as Efficient Media for the Extraction and Recovery of Cynaropicrin from Cynara cardunculus L. Leaves. International Journal of Molecular Sciences, 2017, 18, 2276.	4.1	35
18	Switchable (pH-driven) aqueous biphasic systems formed by ionic liquids as integrated productionâ€“separation platforms. Green Chemistry, 2017, 19, 2768-2773.	9.0	31

#	Article	IF	Citations
19	A critical assessment of the mechanisms governing the formation of aqueous biphasic systems composed of protic ionic liquids and polyethylene glycol. Physical Chemistry Chemical Physics, 2016, 18, 30009-30019.	2.8	18
20	Extraction and recovery processes for cynaropicrin from Cynara cardunculus L. using aqueous solutions of surface-active ionic liquids. Biophysical Reviews, 2018, 10, 915-925.	3.2	18
21	Hydrogen bond basicity of ionic liquids and molar entropy of hydration of salts as major descriptors in the formation of aqueous biphasic systems. Physical Chemistry Chemical Physics, 2018, 20, 14234-14241.	2.8	18
22	Recovery of Syringic Acid from Industrial Food Waste with Aqueous Solutions of Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2019, 7, 14143-14152.	6.7	17