

Jonathan G Huddleston

List of Publications by Year in descending order

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22
papers

6,635
citations

706676

14
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799663

21
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all docs

22
docs citations

22
times ranked

7728
citing authors

#	ARTICLE	IF	CITATIONS
1	Water in Solutions of Chaotropic and Kosmotropic Salts: A Differential Scanning Calorimetry Investigation. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4781-4792.	1.0	6
2	LLSR—An R Package for Data Analysis of Aqueous Two-Phase Systems. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4815-4826.	1.0	0
3	The effects of pH on the partitioning of aromatic acids in a polyethylene glycol/dextran aqueous biphasic system. <i>Separation Science and Technology</i> , 2017, 52, 843-851.	1.3	3
4	Polyethylene glycol and solutions of polyethylene glycol as green reaction media. <i>Green Chemistry</i> , 2005, 7, 64.	4.6	881
5	Comparison of an Empirical and a Theoretical Linear Solvation Energy Relationship Applied to the Characterization of Solute Distribution in a Poly(ethylene) Glycol-Salt Aqueous Biphasic System. <i>Journal of Chemical Information and Computer Sciences</i> , 2004, 44, 549-558.	2.8	5
6	Controlling the Aqueous Miscibility of Ionic Liquids: Aqueous Biphasic Systems of Water-Miscible Ionic Liquids and Water-Structuring Salts for Recycle, Metathesis, and Separations. <i>Journal of the American Chemical Society</i> , 2003, 125, 6632-6633.	6.6	949
7	Ionic liquid salt-induced inactivation and unfolding of cellulase from <i>Trichoderma reesei</i> . <i>Green Chemistry</i> , 2003, 5, 443.	4.6	368
8	Comparative Behavior of Poly(ethylene glycol) Hydrogels and Poly(ethylene glycol) Aqueous Biphasic Systems. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 6088-6095.	1.8	16
9	Phase Diagram Data for Several PEG + Salt Aqueous Biphasic Systems at 25 °C. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1230-1236.	1.0	147
10	Solvent Properties of Aqueous Biphasic Systems Composed of Polyethylene Glycol and Salt Characterized by the Free Energy of Transfer of a Methylene Group between the Phases and by a Linear Solvation Energy Relationship. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 2591-2601.	1.8	103
11	Characterization of Hydrophilic and Hydrophobic Ionic Liquids: Alternatives to Volatile Organic Compounds for Liquid-Liquid Separations. <i>ACS Symposium Series</i> , 2002, , 289-308.	0.5	27
12	Solute Partitioning in Aqueous Biphasic Systems Composed of Polyethylene Glycol and Salt: The Partitioning of Small Neutral Organic Species. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 1892-1904.	1.8	167
13	The solvatochromic properties, $\hat{\mu}_\pm$, $\hat{\mu}_2$, and $\hat{\mu}^*$, of PEG-salt aqueous biphasic systems. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4065-4070.	1.3	29
14	Characterization and comparison of hydrophilic and hydrophobic room temperature ionic liquids incorporating the imidazolium cation. <i>Green Chemistry</i> , 2001, 3, 156-164.	4.6	3,466
15	TEMPERATURE EFFECTS ON POLYMER-BASED AQUEOUS BIPHASIC EXTRACTION TECHNOLOGY IN THE PAPER PULPING PROCESS. <i>Separation Science and Technology</i> , 2001, 36, 835-847.	1.3	15
16	Green Separation Science and Technology: Replacement of Volatile Organic Compounds in Industrial Scale Liquid-Liquid or Chromatographic Separations. <i>ACS Symposium Series</i> , 2000, , 206-221.	0.5	6
17	Calixarenes as Ligands in Environmentally-Benign Liquid-Liquid Extraction Media. <i>ACS Symposium Series</i> , 2000, , 223-236.	0.5	8
18	PARTITIONING BEHAVIOR OF PORPHYRIN DYES IN AQUEOUS BIPHASIC SYSTEMS. <i>Separation Science and Technology</i> , 1999, 34, 1091-1101.	1.3	9

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19	Design Strategies for Solid-State Supramolecular Arrays Containing Both Mixed-Metalated and Freebase Porphyrins. <i>Journal of the American Chemical Society</i> , 1999, 121, 1137-1144.	6.6	245
20	Aqueous Polymeric Solutions as Environmentally Benign Liquid/Liquid Extraction Media. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 2523-2539.	1.8	134
21	PARTITIONING OF AROMATIC MOLECULES IN AQUEOUS BIPHASIC SYSTEMS. <i>Separation Science and Technology</i> , 1999, 34, 1069-1090.	1.3	47
22	Metal Ion Separations in Aqueous Biphasic Systems and Using Aqueous Biphasic Extraction Chromatography. <i>ACS Symposium Series</i> , 1999, , 79-100.	0.5	4