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List of Publications by Year in descending order

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13
papers

395
citations

758635

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1125271

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13
docs citations

13
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification of 2,3-butanediol from fermentation broth: process development and techno-economic analysis. <i>Biotechnology for Biofuels</i> , 2018, 11, 18.	6.2	61
2	Solvent extraction and stripping of lithium ion from aqueous solution and its application to seawater. <i>Rare Metals</i> , 2016, 35, 948-953.	3.6	59
3	Cost- and Energy-Efficient Butanol-Based Extraction-Assisted Distillation Designs for Purification of 2,3-Butanediol for Use as a Drop-in Fuel. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14901-14910.	3.2	38
4	Process Design and Optimization of an Acetic Acid Recovery System in Terephthalic Acid Production via Hybrid Extraction–Distillation Using a Novel Mixed Solvent. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2168-2176.	1.8	36
5	Hydraulic Driven Active Vapor Distributor for Enhancing Operability of a Dividing Wall Column. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 6493-6498.	1.8	33
6	A thermally coupled reactive distillation and pervaporation hybrid process for n-butyl acetate production with enhanced energy efficiency. <i>Chemical Engineering Research and Design</i> , 2017, 124, 98-113.	2.7	33
7	Enhanced recovery of PGME and PGMEA from waste photoresistor thinners by heterogeneous azeotropic dividing-wall column. <i>Chemical Engineering Research and Design</i> , 2016, 103, 413-423.	2.7	31
8	A hybrid reactive distillation process with high selectivity pervaporation for butyl acetate production via transesterification. <i>Journal of Membrane Science</i> , 2017, 543, 49-57.	4.1	30
9	Design and optimization of multi-effect-evaporation-assisted distillation configuration for recovery of 2,3-butanediol from fermentation broth. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 136, 107-115.	1.8	20
10	The effect of dominant ions on solvent extraction of lithium ion from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 828-833.	1.2	19
11	Liquid–Liquid Equilibria Data for the Quaternary System of Acetic Acid, Water, <i>p</i> -Xylene, and Ethyl Acetate at 313.15 K and 101.325 kPa. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 780-787.	1.0	16
12	Liquid–liquid equilibrium data and correlation for quaternary systems of acetic acid + water + methyl acetate + <i>p</i> -xylene at 313.2 K. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 35, 369-375.	2.9	14
13	Conceptual designs of integrated process for simultaneous production of potable water, electricity, and salt. <i>Desalination</i> , 2017, 409, 96-107.	4.0	5