

Kai KÃ¼nnemann

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

153
citations

1307594

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1372567

10
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all docs

12
docs citations

12
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermomorphic Multiphase Systems: Switchable Solvent Mixtures for the Recovery of Homogeneous Catalysts in Batch and Flow Processes. <i>Chemistry - A European Journal</i> , 2019, 25, 11586-11608.	3.3	53
2	Process Development for the Rhodium-Catalyzed Reductive Amination in a Thermomorphic Multiphase System. <i>Organic Process Research and Development</i> , 2020, 24, 41-49.	2.7	20
3	Tandem Catalytic Amine Synthesis from Alkenes in Continuous Flow Enabled by Integrated Catalyst Recycling. <i>ACS Catalysis</i> , 2020, 10, 6463-6472.	11.2	20
4	Continuous hydroformylation of 1-decene in an aqueous biphasic system enabled by methylated cyclodextrins. <i>Green Chemistry</i> , 2020, 22, 3809-3819.	9.0	18
5	Continuous co-product separation by organic solvent nanofiltration for the hydroaminomethylation in a thermomorphic multiphase system. <i>Chemical Engineering Journal</i> , 2021, 409, 128219.	12.7	15
6	Identification of key mechanics in the ruthenium catalyzed synthesis of N,N-dimethylformamide from carbon dioxide in biphasic solvent systems. <i>Journal of Catalysis</i> , 2018, 361, 45-50.	6.2	7
7	CO ₂ Based Synthesis of Various Formamides in Miniplant Scale: A Two-Step Process Design. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4924-4931.	6.7	7
8	Aqueous Biphasic Hydroaminomethylation Enabled by Methylated Cyclodextrins: Sensitivity Analysis for Transfer into a Continuous Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 273-283.	6.7	7
9	Miniplant-Scale Evaluation of a Semibatch-Continuous Tandem Reactor System for the Hydroformylation of Long-Chain Olefins. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2471-2480.	3.7	5
10	Chemometrics in the Homogeneously Catalyzed Reductive Amination: Combining <i>In Situ</i> Fourier-Transform Infrared Spectroscopy and Band-Target Entropy Minimization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 9055-9065.	3.7	1
11	Frontispiece: Thermomorphic Multiphase Systems: Switchable Solvent Mixtures for the Recovery of Homogeneous Catalysts in Batch and Flow Processes. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
12	Interaction of the EU Chemicals Regulation "REACH" with Occupational Safety and Health Legislation: A Report from the 5th German REACH Congress. <i>Annals of Work Exposures and Health</i> , 2022, , .	1.4	0