

Helge Warmeling

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

216
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>Taylor-Couette</sc> reactor: Principles, design, and applications. <i>AIChE Journal</i> , 2021, 67, e17228.	3.6	44
2	Utilization of deep eutectic solvents based on choline chloride in the biphasic hydroformylation of 1-decene with rhodium complexes. <i>Catalysis Communications</i> , 2019, 129, 105721.	3.3	5
3	An Approach to Chemical Reaction Engineering and Process Intensification for the Lean Aqueous Hydroformylation Using a Jet Loop Reactor. <i>Chemie-Ingenieur-Technik</i> , 2019, 91, 560-566.	0.8	6
4	Considerations on film reactivity in the aqueous biphasic hydroformylation. <i>AIChE Journal</i> , 2018, 64, 161-171.	3.6	11
5	Kinetic investigation of lean aqueous hydroformylation – An engineer’s view on homogeneous catalysis. <i>Chemical Engineering Journal</i> , 2017, 326, 298-307.	12.7	21
6	Acceleration of lean aqueous hydroformylation in an innovative jet loop reactor concept. <i>Chemical Engineering Journal</i> , 2017, 330, 585-595.	12.7	22
7	Procedural Rate Enhancement of Lean Aqueous Hydroformylation of 1-Octene without Additives. <i>Chemical Engineering and Technology</i> , 2017, 40, 186-195.	1.5	19
8	Increasing selectivity of the hydroformylation in a miniplant: Catalyst, solvent, and olefin recycle in two loops. <i>AIChE Journal</i> , 2016, 62, 4377-4383.	3.6	31
9	Jet loop reactors as a versatile reactor set up - Intensifying catalytic reactions: A review. <i>Chemical Engineering Science</i> , 2016, 149, 229-248.	3.8	57
10	Process Intensification of Aqueous Biphasic Hydroformylation of 1-Octene in a Jet Loop Reactor. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1300-1301.	0.8	0