

Iris Vural Gursel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

501
citations

10
h-index

17
g-index

17
ext. papers

585
ext. citations

7.4
avg, IF

3.87
L-index

#	Paper	IF	Citations
15	Separation/recycling methods for homogeneous transition metal catalysts in continuous flow. <i>Green Chemistry</i> , 2015 , 17, 2012-2026	10	103
14	Liquid-liquid extraction system with microstructured coiled flow inverter and other capillary setups for single-stage extraction applications. <i>Chemical Engineering Journal</i> , 2016 , 284, 764-777	14.7	97
13	Utilization of milli-scale coiled flow inverter in combination with phase separator for continuous flow liquid-liquid extraction processes. <i>Chemical Engineering Journal</i> , 2016 , 283, 855-868	14.7	88
12	Potenzialanalyse von Milli- und Mikroprozessentechniken für die Verkürzung von Prozessentwicklungszeiten [Chemie und Prozessdesign als Intensivierungsfelder. <i>Chemie-Ingenieur-Technik</i> , 2012 , 84, 660-684	0.8	41
11	Continuous metal scavenging and coupling to one-pot copper-catalyzed azide-alkyne cycloaddition click reaction in flow. <i>Chemical Engineering Journal</i> , 2015 , 270, 468-475	14.7	32
10	Life cycle assessment for the direct synthesis of adipic acid in microreactors and benchmarking to the commercial process. <i>Chemical Engineering Journal</i> , 2013 , 234, 300-311	14.7	32
9	Techno-economic comparative assessment of novel lignin depolymerization routes to bio-based aromatics. <i>Biofuels, Bioproducts and Biorefining</i> , 2019 , 13, 1068-1084	5.3	30
8	Techno-economic and ex-ante environmental assessment of C6 sugars production from spruce and corn. Comparison of organosolv and wet milling technologies. <i>Journal of Cleaner Production</i> , 2018 , 170, 610-624	10.3	22
7	Fluidic separation in microstructured devices [Concepts and their Integration into process flow networks. <i>Chemical Engineering Science</i> , 2017 , 169, 3-17	4.4	21
6	Improving Energy Efficiency of Process of Direct Adipic Acid Synthesis in Flow Using Pinch Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 7827-7835	3.9	11
5	MAB2.0 project: Integrating algae production into wastewater treatment. <i>The EuroBiotech Journal</i> , 2018 , 2, 10-23	1.5	7
4	Production of 1,3-butadiene and ϵ -caprolactam from C6 sugars: Techno-economic analysis. <i>Biofuels, Bioproducts and Biorefining</i> , 2018 , 12, 600-623	5.3	6
3	Window of opportunity [potential of increase in profitability using modular compact plants and micro-reactor based flow processing. <i>Green Processing and Synthesis</i> , 2012 , 1,	3.9	4
2	Comparative cradle-to-grave life cycle assessment of bio-based and petrochemical PET bottles. <i>Science of the Total Environment</i> , 2021 , 793, 148642	10.2	4
1	Variable demand as a means to more sustainable biofuels and biobased materials. <i>Biofuels, Bioproducts and Biorefining</i> , 2021 , 15, 15-31	5.3	3