

Igor Dejanovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5159287/publications.pdf>

Version: 2024-02-01

18
papers

915
citations

758635

12
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Dividing wall column – A breakthrough towards sustainable distilling. <i>Chemical Engineering and Processing: Process Intensification</i> , 2010, 49, 559-580.	1.8	425
2	Benign by Design: Green and Scalable Synthesis of Zirconium UiO-Metal-Organic Frameworks by Water-Assisted Mechanochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15841-15849.	3.2	120
3	Designing four-product dividing wall columns for separation of a multicomponent aromatics mixture. <i>Chemical Engineering Research and Design</i> , 2011, 89, 1155-1167.	2.7	106
4	Hydraulic design, technical challenges and comparison of alternative configurations of a four-product dividing wall column. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 84, 71-81.	1.8	48
5	Control of Pharmaceutical Cocrystal Polymorphism on Various Scales by Mechanochemistry: Transfer from the Laboratory Batch to the Large-Scale Extrusion Processing. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7102-7110.	3.2	47
6	Internal configurations for a multi-product dividing wall column. <i>Chemical Engineering Research and Design</i> , 2013, 91, 1954-1965.	2.7	36
7	Dimensioning Multipartition Dividing Wall Columns. <i>Chemical Engineering and Technology</i> , 2012, 35, 1392-1404.	0.9	29
8	Scale-Up of Agrochemical Urea-Gypsum Cocrystal Synthesis Using Thermally Controlled Mechanochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6743-6754.	3.2	21
9	Treatment of wastewater generated by urea production. <i>Resources, Conservation and Recycling</i> , 2010, 54, 149-154.	5.3	19
10	On controllability of a fully thermally coupled four-product dividing wall column. <i>Chemical Engineering Research and Design</i> , 2019, 147, 367-377.	2.7	14
11	Dividing Wall Column for Fractionation of Natural Gas Liquids in Floating Liquefied Natural Gas Plants. <i>Chemical Engineering and Technology</i> , 2016, 39, 2348-2354.	0.9	13
12	Modeling a Reaction Section of a Commercial Continuous Catalytic Reformer. <i>Energy & Fuels</i> , 2018, 32, 6378-6396.	2.5	13
13	Dividing Wall Column as Energy Saving Retrofit Technology. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 200-207.	0.4	12
14	Investigation of Control Structures for a Four-Product Laboratory Multiple Dividing Wall Column Using Dynamic Simulation. <i>Chemical Engineering and Technology</i> , 2021, 44, 223-237.	0.9	5
15	Hydraulic Design of Thermally Coupled Columns and a DWC for NGL Fractionation Plants. <i>Chemical and Biochemical Engineering Quarterly</i> , 2019, 32, 391-400.	0.5	3
16	Thermal coupling opportunities for floating natural gas liquefaction plants. <i>Chemical Engineering Research and Design</i> , 2019, 147, 346-353.	2.7	2
17	Impact of Various Feed Properties on the Performance of a Control System for a Multiple Dividing Wall Column Pilot Plant. <i>ChemEngineering</i> , 2021, 5, 29.	1.0	2
18	Dynamic simulation of high-pressure tubular reactor for low-density polyethylene production. <i>Journal of Elastomers and Plastics</i> , 2014, 46, 737-746.	0.7	0