

Igor Dejanovic

List of Publications by Year in descending order

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758635

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695
citing authors

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