

Oscar Andr s Prado-Rubio

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

128
citations

1936888

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17
all docs

17
docs citations

17
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization of intensified processes for the purification of levulinic acid involving economic and environmental objectives. Chemical Engineering and Processing: Process Intensification, 2019, 136, 123-137.	1.8	55
2	Insights into the dynamics and control of COVID-19 infection rates. Chaos, Solitons and Fractals, 2020, 138, 109937.	2.5	22
3	Systematic Model Analysis for Single Cell Protein (SCP) Production in a U-Loop Reactor. Computer Aided Chemical Engineering, 2010, , 319-324.	0.3	12
4	Multi-objective optimization of intensified processes for the purification of levulinic acid involving economic and environmental objectives. Part II: A comparative study of dynamic properties. Chemical Engineering and Processing: Process Intensification, 2020, 147, 107745.	1.8	9
5	Process Intensification in Biotechnology Applications. , 2016, , 183-219.		6
6	Enhancing Xylitol Bio-Production by an Optimal Feeding Policy during Fed-Batch Operation. Computer Aided Chemical Engineering, 2015, , 1757-1762.	0.3	4
7	Assessment of sustainable wastewater treatment networks design applying LCA. Computer Aided Chemical Engineering, 2017, 40, 2707-2712.	0.3	3
8	Harnessing lignocellulosic waste for energy storage and generation for off-grid rural areas. Clean Technologies and Environmental Policy, 2018, 20, 1515-1526.	2.1	3
9	Control System Development for Integrated Bioreactor and Membrane Separation Process. Computer Aided Chemical Engineering, 2010, 28, 289-294.	0.3	2
10	Model-based framework for enhanced and controlled operation of a fed-batch bioreactor: xylitol production. Computer Aided Chemical Engineering, 2016, 38, 301-306.	0.3	2
11	Ultrafiltration intensification by dynamic operation: Insights from hybrid modeling. Chemical Engineering and Processing: Process Intensification, 2021, 169, 108618.	1.8	2
12	Model-Based Approach to Enhance Configurations for 2G Butanol Production through ABE Process. Recent Innovations in Chemical Engineering, 2018, 11, 99-111.	0.2	2
13	Potential enhancement of ethanol pervaporation by dynamic operation. Chemical Engineering and Processing: Process Intensification, 2022, 175, 108898.	1.8	2
14	Production of high-added value compounds from biomass. , 2022, , 381-445.		2
15	NLP optimization for the design of sustainable wastewater treatment networks. Computer Aided Chemical Engineering, 2016, , 1503-1508.	0.3	1
16	Computational fluid dynamics (CFD) assisted design and prototyping of the immiscible drop separation section for an intensified perstraction system. Chemical Engineering and Processing: Process Intensification, 2021, 167, 108488.	1.8	1
17	Systematic Procedure for Integrated Process Operation. Computer Aided Chemical Engineering, 2011, 29, 1406-1410.	0.3	0