

Amata Anantpinijwatna

List of Publications by Year in descending order

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papers

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citations

1307543

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1281846

11
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22
all docs

22
docs citations

22
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of biorefinery. , 2022, , 3-32.		3
2	Development of sustainable integrated biorefinery networks in pulp and paper industries. Computer Aided Chemical Engineering, 2021, 50, 1517-1522.	0.5	1
3	Modification of a Solar Thermal Collector to Promote Heat Transfer inside an Evacuated Tube Solar Thermal Absorber. Applied Sciences (Switzerland), 2021, 11, 4100.	2.5	9
4	Novel biorefinery-Integrated-Kraft-pulping network for sustainable development. Chemical Engineering and Processing: Process Intensification, 2021, 163, 108373.	3.6	12
5	Water influence on the kinetics of transesterification using CaO catalyst to produce biodiesel. Fuel, 2021, 296, 120653.	6.4	15
6	Prediction of Solvatochromic Polarity Parameters for Aqueous Mixed-Solvent Systems. Applied Sciences (Switzerland), 2020, 10, 8480.	2.5	9
7	Process development of sustainable biorefinery system integrated into the existing pulping process. Journal of Cleaner Production, 2020, 255, 120278.	9.3	18
8	Process model validation and analysis for intensification of an industrial scale process. Computer Aided Chemical Engineering, 2019, , 955-960.	0.5	1
9	Novel Soft Sensor for Measuring and Controlling Product Recovery in a High-Purity, Multicomponent, Side-Draw Distillation Column. Industrial & Engineering Chemistry Research, 2019, 58, 20026-20035.	3.7	13
10	The kinetic model and temperature effect of Caulerpa Lentillifera drying process. AIP Conference Proceedings, 2018, , .	0.4	2
11	Coke Formation Model in Crude Oil Furnace for Maintenance Scheduling. Computer Aided Chemical Engineering, 2018, 43, 73-78.	0.5	1
12	Modeling of Non-Isothermal Adsorption Process in a Silica Gel Desiccant Packed Bed. Computer Aided Chemical Engineering, 2018, , 49-54.	0.5	3
13	Optimization of dimethyl ether production process synthesis using superstructure analysis. MATEC Web of Conferences, 2018, 192, 03018.	0.2	2
14	Computer-aided solvent selection for multiple scenarios operation of limited-known properties solute. IOP Conference Series: Materials Science and Engineering, 2017, 282, 012002.	0.6	0
15	A Reaction Database for Small Molecule Pharmaceutical Processes Integrated with Process Information. Processes, 2017, 5, 58.	2.8	11
16	Predictive Modelling of Phase-Transfer Catalyst Systems for Improved and Innovative Design. Computer Aided Chemical Engineering, 2016, , 829-834.	0.5	2
17	A systematic modelling framework for phase transfer catalyst systems. Chemical Engineering Research and Design, 2016, 115, 407-422.	5.6	6
18	Application of the e-KT-UNIFAC Model for the Improved and Innovative Design of Biphasic Reacting Systems. Journal of Chemical & Engineering Data, 2016, 61, 4090-4103.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Analysis and modeling of alkali halide aqueous solutions. Fluid Phase Equilibria, 2016, 412, 177-198.	2.5	11
20	Application of New Electrolyte Model to Phase Transfer Catalyst (PTC) Systems. Computer Aided Chemical Engineering, 2015, , 701-706.	0.5	1
21	Local Organizing Committee (Technical University of Denmark, Denmark). Computer Aided Chemical Engineering, 2015, 37, xxv.	0.5	0
22	A Framework for the Modelling of Biphasic Reacting Systems. Computer Aided Chemical Engineering, 2014, 34, 249-254.	0.5	6