

Renanto Handogo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

139
citations

1478505

6
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and control of reactive-distillation process for the production of diethyl carbonate via two consecutive trans-esterification reactions. <i>Journal of Process Control</i> , 2011, 21, 1193-1207.	3.3	34
2	Preliminary analysis of dry-steam geothermal power plant by employing exergy assessment: Case study in Kamojang geothermal power plant, Indonesia. <i>Case Studies in Thermal Engineering</i> , 2017, 10, 292-301.	5.7	21
3	Evaluation of multiple time carbon capture and storage network with capital-carbon trade-off. <i>Journal of Cleaner Production</i> , 2021, 291, 125710.	9.3	17
4	Technical and economic evaluation of triethylene glycol regeneration process using flash gas as stripping gas in a domestic natural gas dehydration unit. <i>Engineering Reports</i> , 2020, 2, e12153.	1.7	11
5	Multi Region Carbon Capture and Storage Network in Indonesia Using Pinch Design Method. <i>Process Integration and Optimization for Sustainability</i> , 2018, 2, 321-341.	2.6	9
6	Technical and economical evaluation of carbon dioxide capture and conversion to methanol process. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	7
7	KINETIC MODEL FOR IDENTIFYING THE RATE CONTROLLING STEP OF THE ALUMINUM LEACHING FROM PEAT CLAY. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2018, 80, .	0.4	6
8	Improvement of Cyclohexene/Cyclohexane separation process design via chemical looping technology using reactive distillation and thermally coupled configurations. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 168, 108587.	3.6	6
9	Exergy Analysis of Boiler Process Powered by Biogas Fuel in Ethanol Production Plant: a Preliminary Analysis. <i>Energy Procedia</i> , 2017, 142, 216-223.	1.8	5
10	Carbon Capture and Storage System Using Pinch Design Method. <i>MATEC Web of Conferences</i> , 2018, 156, 03005.	0.2	4
11	A Modified Shrinking Core Model for Leaching of Aluminum from Sludge Solid Waste of Drinking Water Treatment. <i>International Journal of Technology</i> , 2017, 8, 19.	0.8	4
12	Design and control of a heat-integrated reactor/column process. <i>Industrial & Engineering Chemistry Research</i> , 1987, 26, 531-538.	3.7	3
13	Evaluation of CCS Networks Based on Pinch Design Method in the Central Part of Indonesia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 742, 012012.	0.6	3
14	Utilization of Solar Energy for Air Conditioning System. <i>MATEC Web of Conferences</i> , 2018, 156, 03040.	0.2	2
15	Aluminum leaching from water treatment sludge using hydrochloric acid and kinetic study. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25553-25562.	5.3	2
16	Retrofitting recycled stripping gas in a glycol dehydration regeneration unit. <i>Chemical Product and Process Modeling</i> , 2022, 17, 293-307.	0.9	2
17	Optimization on the performance of crude distillation unit (CDU). <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012, 7, S78-S87.	1.5	1
18	Non-square open-loop dynamic model of methyl acetate production process by using reactive distillation column. <i>MATEC Web of Conferences</i> , 2018, 154, 01008.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Process design and optimization of distillation column integrated with thin film evaporator. AIP Conference Proceedings, 2020, , .	0.4	1
20	Cleaning Schedule Operations in Heat Exchanger Networks. MATEC Web of Conferences, 2018, 156, 07001.	0.2	0