

# Renanto Handogo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1999119/publications.pdf>

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  | Retrofitting recycled stripping gas in a glycol dehydration regeneration unit. <i>Chemical Product and Process Modeling</i> , 2022, 17, 293-307.  | 0.9 | 2         |
| 2  | 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        |
| 3  | 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         |
| 4  | 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         |
| 5  | 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         |
| 6  | 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        |
| 7  | Process design and optimization of distillation column integrated with thin film evaporator. <i>AIP Conference Proceedings</i> , 2020, , .  | 0.4 | 1         |
| 8  | Cleaning Schedule Operations in Heat Exchanger Networks. <i>MATEC Web of Conferences</i> , 2018, 156, 07001.  | 0.2 | 0         |
| 9  | 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         |
| 10 | Utilization of Solar Energy for Air Conditioning System. <i>MATEC Web of Conferences</i> , 2018, 156, 03040.  | 0.2 | 2         |
| 11 | 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         |
| 12 | Carbon Capture and Storage System Using Pinch Design Method. <i>MATEC Web of Conferences</i> , 2018, 156, 03005.  | 0.2 | 4         |
| 13 | 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         |
| 14 | 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        |
| 15 | Technical and economical evaluation of carbon dioxide capture and conversion to methanol process. <i>AIP Conference Proceedings</i> , 2017, , .   | 0.4 | 7         |
| 16 | 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         |
| 17 | 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         |
| 18 | Optimization on the performance of crude distillation unit (CDU). <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012, 7, S78-S87.   | 1.5 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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        |
| 20 | Design and control of a heat-integrated reactor/column process. <i>Industrial &amp; Engineering Chemistry Research</i> , 1987, 26, 531-538.  | 3.7 | 3         |