

Jari Tj Lappalainen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

128
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

171
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Modelling and dynamic simulation of a supercritical, oxy combustion circulating fluidized bed power plant concept – Firing mode switching case. International Journal of Greenhouse Gas Control, 2014, 28, 11-24. | 4.6 | 30 |
| 2 | Automatic Generation of a High-Fidelity Dynamic Thermal-Hydraulic Process Simulation Model From a 3D Plant Model. IEEE Access, 2018, 6, 45217-45232. | 4.2 | 26 |
| 3 | Dynamic process simulation promotes energy efficient ship design. Ocean Engineering, 2016, 111, 43-55. | 4.3 | 14 |
| 4 | Modelling a molten salt thermal energy system – A validation study. Applied Energy, 2019, 233-234, 126-145. | 10.1 | 11 |
| 5 | Modelling and dynamic simulation of a large MSF plant using local phase equilibrium and simultaneous mass, momentum, and energy solver. Computers and Chemical Engineering, 2017, 97, 242-258. | 3.8 | 10 |
| 6 | Dynamic simulation in development of contemporary energy systems – oxy combustion case study. Energy, 2019, 181, 964-973. | 8.8 | 9 |
| 7 | Dynamic simulation of the circulating fluidized bed loop performance under the various operating conditions. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2019, 233, 901-913. | 1.4 | 9 |
| 8 | Modelling and Dynamic Simulation of the 2nd Generation Oxy Fired Power Plant – Oxidant Fan Failure Case. Energy Procedia, 2017, 114, 561-572. | 1.8 | 7 |
| 9 | Dynamic modelling and simulation of CSP plant based on supercritical carbon dioxide closed Brayton cycle. AIP Conference Proceedings, 2017, , . | 0.4 | 7 |
| 10 | A multi-purpose tool for dynamic simulation of paper mills. Simulation Modelling Practice and Theory, 1998, 6, 297-304. | 0.3 | 4 |
| 11 | Dynamic simulation study of the steam temperature in a ultra-supercritical circulating fluidized bed boiler system. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2021, 235, 291-305. | 1.4 | 1 |