

Jari Tj Lappalainen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

128
citations

1307594

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h-index

1281871

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g-index

11
all docs

11
docs citations

11
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Dynamic simulation in development of contemporary energy systems – oxy combustion case study. Energy, 2019, 181, 964-973.	8.8	9
3	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
4	Modelling a molten salt thermal energy system – A validation study. Applied Energy, 2019, 233-234, 126-145.	10.1	11
5	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
6	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
7	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
8	Dynamic modelling and simulation of CSP plant based on supercritical carbon dioxide closed Brayton cycle. AIP Conference Proceedings, 2017, , .	0.4	7
9	Dynamic process simulation promotes energy efficient ship design. Ocean Engineering, 2016, 111, 43-55.	4.3	14
10	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
11	A multi-purpose tool for dynamic simulation of paper mills. Simulation Modelling Practice and Theory, 1998, 6, 297-304.	0.3	4