

Christian Heinze

List of Publications by Year in descending order

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9
papers

283
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Integrated Gasification Combined-Cycle Power Plant for Polygeneration of Power and Chemicals. <i>Energies</i> , 2021, 14, 7285.	3.1	7
2	Influence of Pressure on Gas/Liquid Interfacial Area in a Tray Column. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4617.	2.5	3
3	Comparison and validation of three process simulation programs during warm start-up procedure of a combined cycle power plant. <i>Energy Conversion and Management</i> , 2020, 207, 112547.	9.2	14
4	Comparison of Equilibrium-Stage and Rate-Based Models of a Packed Column for Tar Absorption Using Vegetable Oil. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2362.	2.5	10
5	Determination of a Complete Conversion Model for Gasification of Lignite Char. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1916.	2.5	5
6	ASPEN dynamics simulation for combined cycle power plant – Validation with hot start-up measurement. <i>Energy</i> , 2019, 187, 115897.	8.8	13
7	Techno-economic assessment of polygeneration based on fluidized bed gasification. <i>Fuel</i> , 2019, 250, 285-291.	6.4	10
8	Investigation of new control strategies for acid gas absorber columns to improve the response rates using dynamic process simulation. <i>Fuel</i> , 2017, 203, 964-972.	6.4	2
9	Progress in dynamic simulation of thermal power plants. <i>Progress in Energy and Combustion Science</i> , 2017, 59, 79-162.	31.2	219