

# Christian Heinze

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6757049/publications.pdf>

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docs citations

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times ranked

288  
citing authors

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