

# Mathias Hofmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3133446/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Flexible and economical operation of chloralkali process with subsequent polyvinyl chloride production. AICHE Journal, 2022, 68, .	1.8	13
2	Flexibility of Epichlorohydrin Productionâ€”Increasing Profitability by Demand Response for Electricity and Balancing Market. Processes, 2022, 10, 761.	1.3	5
3	Generic and Open-Source Exergy Analysisâ€”Extending the Simulation Framework TESP. Energies, 2022, 15, 4087.	1.6	1
4	Assessing the Realizable Flexibility Potential of Electrochemical Processes. Industrial & Engineering Chemistry Research, 2021, 60, 13637-13660.	1.8	10
5	Impact of the chlorine value chain on the demand response potential of the chloralkali process. Applied Energy, 2020, 276, 115366.	5.1	19
6	Comparative exergoeconomic assessment of coal-fired power plants â€” Binary Rankine cycle versus conventional steam cycle. Energy, 2018, 142, 168-179.	4.5	17
7	Simulation and Exergy Analysis of Energy Conversion Processes Using a Free and Open-Source Frameworkâ€”Python-Based Object-Oriented Programming for Gas- and Steam Turbine Cycles. Energies, 2018, 11, 2609.	1.6	10
8	Exergy-Based Study of a Binary Rankine Cycle. Journal of Energy Resources Technology, Transactions of the ASME, 2016, 138, .	1.4	6
9	Photovoltaics and battery storageâ€”Python-based optimisation for innovation tenders. , 0, , .		0