

# Maximilian Biermann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1787795/publications.pdf>

Version: 2024-02-01

9  
papers

165  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical-looping combustion of solid fuel in a 100 kW unit using sintered manganese ore as oxygen carrier. <i>International Journal of Greenhouse Gas Control</i> , 2017, 65, 170-181.	4.6	54
2	Chemical-Looping Combustion of Kerosene and Gaseous Fuels with a Natural and a Manufactured Mn-Fe-Based Oxygen Carrier. <i>Energy &amp; Fuels</i> , 2018, 32, 8803-8816.	5.1	25
3	Excess heat-driven carbon capture at an integrated steel mill – Considerations for capture cost optimization. <i>International Journal of Greenhouse Gas Control</i> , 2019, 91, 102833.	4.6	24
4	Evaluation of low and high level integration options for carbon capture at an integrated iron and steel mill. <i>International Journal of Greenhouse Gas Control</i> , 2018, 77, 27-36.	4.6	19
5	Integrating carbon capture into an industrial combined-heat-and-power plant: performance with hourly and seasonal load changes. <i>International Journal of Greenhouse Gas Control</i> , 2019, 82, 192-203.	4.6	16
6	Efficient heat integration of industrial CO <sub>2</sub> capture and district heating supply. <i>International Journal of Greenhouse Gas Control</i> , 2022, 118, 103689.	4.6	10
7	Partial Carbon Capture by Absorption Cycle for Reduced Specific Capture Cost. <i>Industrial &amp; Engineering Chemistry Research</i> , 0, , .	3.7	9
8	The role of energy supply in abatement cost curves for CO <sub>2</sub> capture from process industry – A case study of a Swedish refinery. <i>Applied Energy</i> , 2022, 319, 119273.	10.1	7
9	Carbon Allocation in Multi-Product Steel Mills That Co-process Biogenic and Fossil Feedstocks and Adopt Carbon Capture Utilization and Storage Technologies. <i>Frontiers in Chemical Engineering</i> , 2020, 2, .	2.7	1