

# Hans BÃ¶hm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9326386/publications.pdf>

Version: 2024-02-01

10  
papers

338  
citations

1306789

7  
h-index

1473754

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Projecting cost development for future large-scale power-to-gas implementations by scaling effects. Applied Energy, 2020, 264, 114780.	5.1	105
2	Estimating future costs of power-to-gas – a component-based approach for technological learning. International Journal of Hydrogen Energy, 2019, 44, 30789-30805.	3.8	51
3	Scenario analysis of implementing a power-to-gas and biomass gasification system in an integrated steel plant: A techno-economic and environmental study. Renewable Energy, 2020, 147, 1511-1524.	4.3	49
4	Assessing the potential of carbon dioxide valorisation in Europe with focus on biogenic CO2. Journal of CO2 Utilization, 2020, 41, 101219.	3.3	43
5	Power-to-hydrogen & district heating: Technology-based and infrastructure-oriented analysis of (future) sector coupling potentials. International Journal of Hydrogen Energy, 2021, 46, 31938-31951.	3.8	30
6	Techno-economic assessment of seasonal heat storage in district heating with thermochemical materials. Energy, 2019, 179, 1246-1264.	4.5	22
7	Renewable Power-to-Gas: A Technical and Economic Evaluation of Three Demo Sites Within the STORE&GO Project. Chemie-Ingenieur-Technik, 2021, 93, 568-579.	0.4	19
8	Techno-Economic Assessment of Thermally Integrated Co-Electrolysis and Methanation for Industrial Closed Carbon Cycles. Frontiers in Sustainability, 2021, 2, .	1.3	5
9	Potentials and Costs of various Renewable Gases: A Case Study for the Austrian Energy System by 2050. Detritus, 2021, , 106-120.	0.4	2
10	Power-to-Gas. , 2022, , 595-612.		1