

# Yannick Engelmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2823333/publications.pdf>

Version: 2024-02-01

8  
papers

440  
citations

1163117

8  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma-Catalytic Partial Oxidation of Methane on Pt(111): A Microkinetic Study on the Role of Different Plasma Species. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2966-2983.	3.1	27
2	Plasma Catalysis for Ammonia Synthesis: A Microkinetic Modeling Study on the Contributions of Elementary Ideal Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13151-13163.	6.7	45
3	Al <sub>2</sub> O <sub>3</sub> -Supported Transition Metals for Plasma-Catalytic NH <sub>3</sub> Synthesis in a DBD Plasma: Metal Activity and Insights into Mechanisms. <i>Catalysts</i> , 2021, 11, 1230.	3.5	24
4	Plasma Catalysis for CO <sub>2</sub> Hydrogenation: Unlocking New Pathways toward CH <sub>3</sub> OH. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25859-25872.	3.1	35
5	Plasma-driven catalysis: green ammonia synthesis with intermittent electricity. <i>Green Chemistry</i> , 2020, 22, 6258-6287.	9.0	163
6	Plasma-Catalytic Ammonia Synthesis beyond the Equilibrium Limit. <i>ACS Catalysis</i> , 2020, 10, 6726-6734.	11.2	78
7	Predicted Influence of Plasma Activation on Nonoxidative Coupling of Methane on Transition Metal Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6043-6054.	6.7	38
8	Thermodynamics at the nanoscale: phase diagrams of nickel-carbon nanoclusters and equilibrium constants for phase transitions. <i>Nanoscale</i> , 2014, 6, 11981-11987.	5.6	29