

Yannick Engelmann

List of Publications by Year in descending order

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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-driven catalysis: green ammonia synthesis with intermittent electricity. <i>Green Chemistry</i> , 2020, 22, 6258-6287.	9.0	163
2	Plasma-Catalytic Ammonia Synthesis beyond the Equilibrium Limit. <i>ACS Catalysis</i> , 2020, 10, 6726-6734.	11.2	78
3	Plasma Catalysis for Ammonia Synthesis: A Microkinetic Modeling Study on the Contributions of Eley-Rideal Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13151-13163.	6.7	45
4	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
5	Plasma Catalysis for CO ₂ Hydrogenation: Unlocking New Pathways toward CH ₃ OH. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25859-25872.	3.1	35
6	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
7	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
8	Al ₂ O ₃ -Supported Transition Metals for Plasma-Catalytic NH ₃ Synthesis in a DBD Plasma: Metal Activity and Insights into Mechanisms. <i>Catalysts</i> , 2021, 11, 1230.	3.5	24