

# Daniel Gaissmaier

## List of Publications by Year in descending order

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9  
papers

120  
citations

1684129

5  
h-index

1474186

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing the Mechanism of Multiwalled Carbon Nanotube Growth on Supported Nickel Nanoparticles by in Situ Synchrotron X-ray Diffraction, Density Functional Theory, and Molecular Dynamics Simulations. ACS Catalysis, 2019, 9, 6999-7011.	11.2	36
2	First principles studies of self-diffusion processes on metallic lithium surfaces. Journal of Chemical Physics, 2019, 150, 041723.	3.0	34
3	Microscopic Properties of Na and Li – A First Principle Study of Metal Battery Anode Materials. ChemSusChem, 2020, 13, 771-783.	6.8	18
4	First Principles Studies on the Atomistic Properties of Metallic Magnesium as Anode Material in Magnesium-Ion Batteries. ChemSusChem, 2022, 15, .	6.8	9
5	Multifunctional Polyoxometalate Platforms for Supramolecular Light-Driven Hydrogen Evolution**. Chemistry - A European Journal, 2021, 27, 16846-16852.	3.3	6
6	Suitability of Carbazoyl Hauser and Turbo-Hauser Bases as Magnesium-Based Electrolytes. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	6
7	Cornforth – Evans Transition States in Stereocontrolled Allylboration of Epoxy Aldehydes. Chemistry - A European Journal, 2020, 26, 8639-8650.	3.3	5
8	Theoretical studies on the initial oxidation of metallic lithium anodes. Applied Surface Science, 2021, 555, 149447.	6.1	3
9	Atomistic studies on water-induced lithium corrosion. ChemSusChem, 2021, , .	6.8	2