

Rasmus Kronberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5390505/publications.pdf>

Version: 2024-02-01

11
papers

608
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconciling the Experimental and Computational Hydrogen Evolution Activities of Pt(111) through DFT-Based Constrained MD Simulations. ACS Catalysis, 2021, 11, 8062-8078.	5.5	52
2	Hydrogen Adsorption on Defective Nitrogen-Doped Carbon Nanotubes Explained via Machine Learning Augmented DFT Calculations and Game-Theoretic Feature Attributions. Journal of Physical Chemistry C, 2021, 125, 15918-15933.	1.5	19
3	Dynamics and Surface Propensity of H ⁺ and OH ⁻ within Rigid Interfacial Water: Implications for Electrocatalysis. Journal of Physical Chemistry Letters, 2021, 12, 10128-10134.	2.1	4
4	A platinum nanowire electrocatalyst on single-walled carbon nanotubes to drive hydrogen evolution. Applied Catalysis B: Environmental, 2020, 265, 118582.	10.8	31
5	Active site manipulation in MoS ₂ cluster electrocatalysts by transition metal doping. Nanoscale, 2020, 12, 4459-4472.	2.8	27
6	Revisiting the Volmer-Heyrovsk ^{1/2} mechanism of hydrogen evolution on a nitrogen doped carbon nanotube: constrained molecular dynamics versus the nudged elastic band method. Physical Chemistry Chemical Physics, 2020, 22, 10536-10549.	1.3	47
7	Coupling Surface Coverage and Electrostatic Effects on the Interfacial Adlayer Water Structure of Hydrogenated Single-Crystal Platinum Electrodes. Journal of Physical Chemistry C, 2020, 124, 13706-13714.	1.5	15
8	Experimental and Computational Investigation of Hydrogen Evolution Reaction Mechanism on Nitrogen Functionalized Carbon Nanotubes. ChemCatChem, 2018, 10, 3872-3882.	1.8	14
9	Hydrogen adsorption on MoS ₂ -surfaces: a DFT study on preferential sites and the effect of sulfur and hydrogen coverage. Physical Chemistry Chemical Physics, 2017, 19, 16231-16241.	1.3	64
10	Electrochemical Activation of Single-Walled Carbon Nanotubes with Pseudo-Atomic-Scale Platinum for the Hydrogen Evolution Reaction. ACS Catalysis, 2017, 7, 3121-3130.	5.5	279
11	Hydrogen adsorption on doped MoS ₂ nanostructures. Scientific Reports, 2017, 7, 15243.	1.6	56