

Martina Lessio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4858369/publications.pdf>

Version: 2024-02-01

20
papers

563
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic and Mechanistic Effects of Bipyridine (bpy) Substituent, Labile Ligand, and Brønsted Acid on Electrocatalytic CO ₂ Reduction by Re(bpy) Complexes. ACS Catalysis, 2018, 8, 2021-2029.	11.2	155
2	What Is the Role of Pyridinium in Pyridine-Catalyzed CO ₂ Reduction on p-GaP Photocathodes?. Journal of the American Chemical Society, 2015, 137, 13248-13251.	13.7	63
3	Interaction of Pyridine and Water with the Reconstructed Surfaces of GaP(111) and CdTe(111) Photoelectrodes: Implications for CO ₂ Reduction. Chemistry of Materials, 2016, 28, 5799-5810.	6.7	42
4	Observation of Surface-Bound Negatively Charged Hydride and Hydroxide on GaP(110) in H ₂ O Environments. Journal of Physical Chemistry C, 2015, 119, 17762-17772.	3.1	39
5	Is the Surface Playing a Role during Pyridine-Catalyzed CO ₂ Reduction on p-GaP Photoelectrodes?. ACS Energy Letters, 2016, 1, 464-468.	17.4	34
6	Cluster Models for Studying CO ₂ Reduction on Semiconductor Photoelectrodes. Topics in Catalysis, 2015, 58, 46-56.	2.8	30
7	Surface Properties of ZnS Nanoparticles: A Combined DFT and Experimental Study. Journal of Physical Chemistry C, 2014, 118, 23853-23862.	3.1	28
8	Cobalt (II) oxide and nickel (II) oxide alloys as potential intermediate-band semiconductors: A theoretical study. Journal of Applied Physics, 2016, 119, .	2.5	26
9	The Role of Surface-Bound Dihydropyridine Analogues in Pyridine-Catalyzed CO ₂ Reduction over Semiconductor Photoelectrodes. ACS Central Science, 2017, 3, 968-974.	11.3	22
10	Stability of surface protons in pyridine-catalyzed CO ₂ reduction at p-GaP photoelectrodes. Physical Chemistry Chemical Physics, 2016, 18, 26434-26443.	2.8	21
11	Hydride Shuttle Formation and Reaction with CO ₂ on GaP(110). ChemSusChem, 2018, 11, 1558-1566.	6.8	19
12	Hydride Transfer at the GaP(110)/Solution Interface: Mechanistic Implications for CO ₂ Reduction Catalyzed by Pyridine. Journal of Physical Chemistry C, 2017, 121, 17321-17331.	3.1	18
13	Computational Insights into As(V) Removal from Water by the UiO-66 Metal-Organic Framework. Journal of Physical Chemistry C, 2021, 125, 3157-3168.	3.1	17
14	Superatomic solid solutions. Nature Chemistry, 2021, 13, 607-613.	13.6	15
15	Phosphate functionalised titania for heavy metal removal from acidic sulfate solutions. Journal of Colloid and Interface Science, 2021, 600, 719-728.	9.4	13
16	Orbital-Resolved Imaging of the Adsorbed State of Pyridine on GaP(110) Identifies Sites Susceptible to Nucleophilic Attack. Journal of Physical Chemistry C, 2015, 119, 28917-28924.	3.1	8
17	On the Stability of Ditanate Nanotubes: A Density Functional Theory Study. Journal of Physical Chemistry C, 2010, 114, 21219-21225.	3.1	5
18	Prediction of electronic (hyper)polarizabilities of titania nanotubes: A DFT periodic study. Computational Materials Science, 2013, 68, 280-286.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Sugar-induced self-assembly of curcumin-based polydopamine nanocapsules with high loading capacity for dual drug delivery. <i>Nanoscale</i> , 2022, 14, 9448-9458.	5.6	3
20	Computational Investigation of Adsorptive Removal of Pb ²⁺ from Water by the UiO-66 Metal-Organic Framework: Comparison of Adsorption Sites on Defects and Functionalised Linkers. <i>Australian Journal of Chemistry</i> , 2021, , .	0.9	1