Martina Lessio

List of Publications by Year
in descending order

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	Sugar-induced self-assembly of curcumin-based polydopamine nanocapsules with high loading capacity for dual drug delivery. Nanoscale, 2022, 14, 9448-9458.	5.6	3
2	Computational Insights into As(V) Removal from Water by the UiO-66 Metalâ€“Organic Framework. Journal of Physical Chemistry C, 2021, 125, 3157-3168.	3.1	17
3	Superatomic solid solutions. Nature Chemistry, 2021, 13, 607-613.	13.6	15
4	Phosphate functionalised titania for heavy metal removal from acidic sulfate solutions. Journal of Colloid and Interface Science, 2021, 600, 719-728.	9.4	13
5	Computational Investigation of Adsorptive Removal of Pb2+ from Water by the UiO-66 Metalâ€“Organic Framework: Comparison of Adsorption Sites on Defects and Functionalised Linkers. Australian Journal of Chemistry, 2021, , .	0.9	1
6	Hydride Shuttle Formation and Reaction with CO₂ on GaP(110). ChemSusChem, 2018, 11, 1558-1566.	6.8	19
7	Kinetic and Mechanistic Effects of Bipyridine (bpy) Substituent, Labile Ligand, and BrÃ¸nsted Acid on Electrocatalytic CO₂ Reduction by Re(bpy) Complexes. ACS Catalysis, 2018, 8, 2021-2029.	11.2	155
8	The Role of Surface-Bound Dihydropyridine Analogues in Pyridine-Catalyzed CO₂ Reduction over Semiconductor Photoelectrodes. ACS Central Science, 2017, 3, 968-974.	11.3	22
9	Hydride Transfer at the GaP(110)/Solution Interface: Mechanistic Implications for CO₂ Reduction Catalyzed by Pyridine. Journal of Physical Chemistry C, 2017, 121, 17321-17331.	3.1	18
10	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
11	Stability of surface protons in pyridine-catalyzed CO₂ reduction at p-GaP photoelectrodes. Physical Chemistry Chemical Physics, 2016, 18, 26434-26443.	2.8	21
12	Is the Surface Playing a Role during Pyridine-Catalyzed CO₂ Reduction on p-GaP Photoelectrodes?. ACS Energy Letters, 2016, 1, 464-468.	17.4	34
13	Interaction of Pyridine and Water with the Reconstructed Surfaces of GaP(111) and CdTe(111) Photoelectrodes: Implications for CO2 Reduction. Chemistry of Materials, 2016, 28, 5799-5810.	6.7	42
14	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
15	Cluster Models for Studying CO2 Reduction on Semiconductor Photoelectrodes. Topics in Catalysis, 2015, 58, 46-56.	2.8	30
16	Observation of Surface-Bound Negatively Charged Hydride and Hydroxide on GaP(110) in H₂O Environments. Journal of Physical Chemistry C, 2015, 119, 17762-17772.	3.1	39
17	What Is the Role of Pyridinium in Pyridine-Catalyzed CO₂ Reduction on p-GaP Photocathodes?. Journal of the American Chemical Society, 2015, 137, 13248-13251.	13.7	63
18	Surface Properties of ZnS Nanoparticles: A Combined DFT and Experimental Study. Journal of Physical Chemistry C, 2014, 118, 23853-23862.	3.1	28

#	Article	IF	Citations
19	Prediction of electronic (hyper)polarizabilities of titania nanotubes: A DFT periodic study. Computational Materials Science, 2013, 68, 280-286.	3.0	4
20	On the Stability of Dititanate Nanotubes: A Density Functional Theory Study. Journal of Physical Chemistry C, 2010, 114, 21219-21225.	3.1	5