

Aurelio Gallardo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

194
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-space imaging of anisotropic charge of Γ -hole by means of Kelvin probe force microscopy. <i>Science</i> , 2021, 374, 863-867.	12.6	71
2	Atomic-scale defects and electronic properties of a transferred synthesized MoS ₂ monolayer. <i>Nanotechnology</i> , 2018, 29, 305703.	2.6	22
3	Strain-Induced Isomerization in One-Dimensional Metal-Organic Chains. <i>Angewandte Chemie</i> , 2019, 131, 18764-18770.	2.0	19
4	On-Surface Hydrogenation of Buckybowls: From Curved Aromatic Molecules to Planar Non-Kekulé Aromatic Hydrocarbons. <i>ACS Nano</i> , 2020, 14, 16735-16742.	14.6	15
5	Multiscale Analysis of Phase Transformations in Self-Assembled Layers of 4,4'-Biphenyl Dicarboxylic Acid on the Ag(001) Surface. <i>ACS Nano</i> , 2020, 14, 7269-7279.	14.6	13
6	Atomic-Scale Charge Distribution Mapping of Single Substitutional p- and n-Type Dopants in Graphene. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3437-3444.	6.7	13
7	On-Surface Synthesis of a Dicationic Diazahexabenzocoronene Derivative on the Au(111) Surface. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25551-25556.	13.8	12
8	Controlling the stereospecific bonding motif of Au-thiolate links. <i>Nanoscale</i> , 2019, 11, 15567-15575.	5.6	7
9	Nature of Binding in Planar Halogen-Benzene Assemblies and Their Possible Visualization in Scanning Probe Microscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 8379-8386.	3.1	6
10	Steering alkyne homocoupling with on-surface synthesized metal-organic complexes. <i>Chemical Communications</i> , 2020, 56, 8659-8662.	4.1	6
11	On-Surface Synthesis of a Dicationic Diazahexabenzocoronene Derivative on the Au(111) Surface. <i>Angewandte Chemie</i> , 2021, 133, 25755-25760.	2.0	6
12	Electronic Self-Passivation of Single Vacancy in Black Phosphorus via Ionization. <i>Physical Review Letters</i> , 2022, 128, 176801.	7.8	4