

Yongfeng Tong

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

405
citations

933447

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752698

20
g-index

23
all docs

23
docs citations

23
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitaxial Synthesis of Blue Phosphorene. <i>Small</i> , 2018, 14, e1804066.	10.0	114
2	Magnetic sputtered amorphous Si/C multilayer thin films as anode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2014, 247, 78-83.	7.8	64
3	Anomalous Light-Induced Spin-State Switching for Iron(II) Spin-Crossover Molecules in Direct Contact with Metal Surfaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13341-13346.	13.8	34
4	Silicene Nanoribbons on an Insulating Thin Film. <i>Advanced Functional Materials</i> , 2021, 31, 2007013.	14.9	21
5	Amorphous silicon/carbon multilayer thin films as the anode for high rate rechargeable Li-ion batteries. <i>Materials Letters</i> , 2013, 97, 37-39.	2.6	19
6	The impact of pyrolysis conditions on orange peel biochar physicochemical properties for sandy soil. <i>Waste Management and Research</i> , 2021, 39, 995-1004.	3.9	16
7	Evidence of new 2D material: Cu ₂ Te. <i>2D Materials</i> , 2020, 7, 035010.	4.4	16
8	Voltage-Induced Bistability of Single Spin-Crossover Molecules in a Two-Dimensional Monolayer. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11029-11034.	4.6	14
9	Phosphorus Pentamers: Floating Nanoflowers form a 2D Network. <i>Advanced Functional Materials</i> , 2020, 30, 2004531.	14.9	12
10	Selenium, Benzeneselenol, and Selenophene Interaction with Cu(100). <i>Journal of Physical Chemistry C</i> , 2016, 120, 21486-21495.	3.1	11
11	Case studies on the formation of chalcogenide self-assembled monolayers on surfaces and dissociative processes. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 263-277.	2.8	10
12	ZnO Functionalization: Metal-Dithiol Superstructures on ZnO(0001) by Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2880-2889.	3.1	10
13	Enhanced catalytic ozonation of ibuprofen using a 3D structured catalyst with MnO ₂ nanosheets on carbon microfibers. <i>Scientific Reports</i> , 2021, 11, 6342.	3.3	10
14	Phase transition and thermal stability of epitaxial PtSe ₂ nanolayer on Pt(111). <i>RSC Advances</i> , 2020, 10, 30934-30943.	3.6	9
15	Robust magnetic anisotropy of a monolayer of hexacoordinate Fe(II) complexes assembled on Cu(111). <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2395-2404.	6.0	9
16	Interplay between Structural and Electronic Properties in 1,4,5,8-Naphthalenetetracarboxylic Dianhydride Films on Cu(100). <i>Journal of Physical Chemistry C</i> , 2017, 121, 5050-5057.	3.1	8
17	Layered zinc hydroxide as an adsorbent for phosphate removal and recovery from wastewater. <i>RSC Advances</i> , 2021, 11, 30172-30182.	3.6	8
18	Properties of NTCDA Thin Films on Ag(110): Scanning Tunneling Microscopy, Photoemission, Near-Edge X-ray Fine Structure, and Density Functional Theory Investigations. <i>Journal of Physical Chemistry C</i> , 2019, 123, 379-386.	3.1	5

#	ARTICLE	IF	CITATIONS
19	Phase transition from AuTe surface alloy towards tellurene-like monolayer. 2D Materials, 2021, 8, 015029.	4.4	4
20	Building block 3D printing based on molecular self-assembly monolayer with self-healing properties. Scientific Reports, 2022, 12, 6806.	3.3	4
21	Anomalous Light-Induced Spin-State Switching for Iron(II) Spin-Crossover Molecules in Direct Contact with Metal Surfaces. Angewandte Chemie, 2020, 132, 13443-13448.	2.0	3
22	Adsorption of Se on Cu(1 0 0) and formation of two-dimensional copper selenide layer. Materials Today: Proceedings, 2021, 39, 1170-1174.	1.8	0