

Qingming Deng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

934
citations

623734

14
h-index

752698

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g-index

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all docs

20
docs citations

20
times ranked

1934
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of macrocyclic salen-type Schiff base ligands in one-dimensional Co(II) complexes for superior activities toward oxygen reduction/evolution reactions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 27000-27011.	7.1	5
2	1D metal-dithiolene wires as a new class of bi-functional oxygen reduction and evolution single-atom electrocatalysts. <i>Journal of Catalysis</i> , 2021, 393, 140-148.	6.2	18
3	Redox Photochemistry on Van Der Waals Surfaces for Reversible Doping in 2D Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2009166.	14.9	9
4	Mechanical origin of martensite-like structures in two-dimensional ReS ₂ . <i>Communications Materials</i> , 2021, 2, .	6.9	4
5	Unveiling the Critical Intermediate Stages During Chemical Vapor Deposition of Two-Dimensional Rhenium Diselenide. <i>Chemistry of Materials</i> , 2021, 33, 7039-7046.	6.7	1
6	The Mobile and Pinned Grain Boundaries in 2D Monoclinic Rhenium Disulfide. <i>Advanced Science</i> , 2020, 7, 2001742.	11.2	15
7	Anomalous fracture in two-dimensional rhenium disulfide. <i>Science Advances</i> , 2020, 6, .	10.3	18
8	Site-specific electrical contacts with the two-dimensional materials. <i>Nature Communications</i> , 2020, 11, 3982.	12.8	16
9	<i>In Situ</i> Scanning Transmission Electron Microscopy Observations of Fracture at the Atomic Scale. <i>Physical Review Letters</i> , 2020, 125, 246102.	7.8	34
10	Critical Stable Length in Wrinkles of Two-Dimensional Materials. <i>ACS Nano</i> , 2020, 14, 2137-2144.	14.6	30
11	2D transition metal TCNQ sheets as bifunctional single-atom catalysts for oxygen reduction and evolution reaction (ORR/OER). <i>Journal of Catalysis</i> , 2019, 370, 378-384.	6.2	114
12	Mechanism of Water Splitting on Gadolinium-Doped CeO ₂ (111): A DFT + <i>U</i> Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5507-5517.	3.1	31
13	Impact of Polar Edge Terminations of the Transition Metal Dichalcogenide Monolayers during Vapor Growth. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3575-3581.	3.1	6
14	Combinatorial selection of a two-dimensional 3d-TM-tetracyanoquinodimethane (TM-TCNQ) monolayer as a high-activity nanocatalyst for CO oxidation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5173-5179.	2.8	21
15	Facile Doping in Two-Dimensional Transition-Metal Dichalcogenides by UV Light. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29893-29901.	8.0	18
16	Misorientation-angle-dependent electrical transport across molybdenum disulfide grain boundaries. <i>Nature Communications</i> , 2016, 7, 10426.	12.8	172
17	Toward high permeability, selectivity and controllability of water desalination with FePc nanopores. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8140-8147.	2.8	11
18	Two-dimensional membrane as elastic shell with proof on the folds revealed by three-dimensional atomic mapping. <i>Nature Communications</i> , 2015, 6, 8935.	12.8	59

#	ARTICLE	IF	CITATIONS
19	Free-Standing Single-Atom-Thick Iron Membranes Suspended in Graphene Pores. <i>Science</i> , 2014, 343, 1228-1232.	12.6	274
20	Single Layer of Polymeric Cobalt Phthalocyanine: Promising Low-Cost and High-Activity Nanocatalysts for CO Oxidation. <i>Small</i> , 2013, 9, 3506-3513.	10.0	78