Muhammad Waqas Khan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7709750/publications.pdf

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17	632	623574	887953
papers	citations	14 h-index	17 g-index

17	17	17	692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interface chemistry of two-dimensional heterostructures â€“ fundamentals to applications. Chemical Society Reviews, 2021, 50, 4684-4729.	18.7	152
2	Bioinspired synthesis of zinc oxide nano-flowers: A surface enhanced antibacterial and harvesting efficiency. Materials Science and Engineering C, 2021, 119, 111280.	3.8	75
3	Synthesis of two-dimensional hematite and iron phosphide for hydrogen evolution. Journal of Materials Chemistry A, 2020, 8, 2789-2797.	5.2	60
4	2D Plasmonic Tungsten Oxide Enabled Ultrasensitive Fiber Optics Gas Sensor. Advanced Optical Materials, 2019, 7, 1901383.	3.6	57
5	An Ultrasensitive Silicon Photonic Ion Sensor Enabled by 2D Plasmonic Molybdenum Oxide. Small, 2019, 15, e1805251.	5.2	31
6	Carbon Fibers Embedded With Iron Selenide (Fe3Se4) as Anode for High-Performance Sodium and Potassium Ion Batteries. Frontiers in Chemistry, 2020, 8, 408.	1.8	30
7	Atomically thin TiO₂ nanosheets synthesized using liquid metal chemistry. Chemical Communications, 2020, 56, 4914-4917.	2.2	30
8	Printable Single-Unit-Cell-Thick Transparent Zinc-Doped Indium Oxides with Efficient Electron Transport Properties. ACS Nano, 2021, 15, 4045-4053.	7.3	29
9	Physiological and anti-oxidative response of biologically and chemically synthesized iron oxide: Zea mays a case study. Heliyon, 2020, 6, e04595.	1.4	28
10	3D Visibleâ€Lightâ€Driven Plasmonic Oxide Frameworks Deviated from Liquid Metal Nanodroplets. Advanced Functional Materials, 2021, 31, 2106397.	7.8	23
11	Plasmonic metal-organic framework nanocomposites enabled by degenerately doped molybdenum oxides. Journal of Colloid and Interface Science, 2021, 588, 305-314.	5.0	21
12	2D Palladium Sulphate for Visibleâ€Lightâ€Driven Optoelectronic Reversible Gas Sensing at Room Temperature. Small Science, 2022, 2, .	5.8	21
13	Iron-doped zinc oxide for photocatalyzed degradation of humic acid from municipal wastewater. Applied Materials Today, 2021, 23, 101047.	2.3	18
14	Nitrogen-Doped Oxygenated Molybdenum Phosphide as an Efficient Electrocatalyst for Hydrogen Evolution in Alkaline Media. Frontiers in Chemistry, 2020, 8, 733.	1.8	16
15	Hetero-metallic metal-organic frameworks for room-temperature NO2 sensing. Journal of Colloid and Interface Science, 2022, 610, 304-312.	5.0	15
16	Highly accurate and label-free discrimination of single cancer cell using a plasmonic oxide-based nanoprobe. Biosensors and Bioelectronics, 2022, 198, 113814.	5.3	14
17	A high-performance visible-light-driven all-optical switch enabled by ultra-thin gallium sulfide. Journal of Materials Chemistry C, 2021, 9, 3115-3121.	2.7	12