

Muhammad Waqas Khan

List of Publications by Year in descending order

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

Version: 2024-02-01

17
papers

632
citations

623574

14
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly accurate and label-free discrimination of single cancer cell using a plasmonic oxide-based nanoprobe. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113814.	5.3	14
2	Hetero-metallic metal-organic frameworks for room-temperature NO ₂ sensing. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 304-312.	5.0	15
3	2D Palladium Sulphate for Visible-Light-Driven Optoelectronic Reversible Gas Sensing at Room Temperature. <i>Small Science</i> , 2022, 2, .	5.8	21
4	Bioinspired synthesis of zinc oxide nano-flowers: A surface enhanced antibacterial and harvesting efficiency. <i>Materials Science and Engineering C</i> , 2021, 119, 111280.	3.8	75
5	Printable Single-Unit-Cell-Thick Transparent Zinc-Doped Indium Oxides with Efficient Electron Transport Properties. <i>ACS Nano</i> , 2021, 15, 4045-4053.	7.3	29
6	A high-performance visible-light-driven all-optical switch enabled by ultra-thin gallium sulfide. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3115-3121.	2.7	12
7	Plasmonic metal-organic framework nanocomposites enabled by degenerately doped molybdenum oxides. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 305-314.	5.0	21
8	Iron-doped zinc oxide for photocatalyzed degradation of humic acid from municipal wastewater. <i>Applied Materials Today</i> , 2021, 23, 101047.	2.3	18
9	3D Visible-Light-Driven Plasmonic Oxide Frameworks Deviated from Liquid Metal Nanodroplets. <i>Advanced Functional Materials</i> , 2021, 31, 2106397.	7.8	23
10	Interface chemistry of two-dimensional heterostructures – fundamentals to applications. <i>Chemical Society Reviews</i> , 2021, 50, 4684-4729.	18.7	152
11	Physiological and anti-oxidative response of biologically and chemically synthesized iron oxide: Zea mays a case study. <i>Heliyon</i> , 2020, 6, e04595.	1.4	28
12	Nitrogen-Doped Oxygenated Molybdenum Phosphide as an Efficient Electrocatalyst for Hydrogen Evolution in Alkaline Media. <i>Frontiers in Chemistry</i> , 2020, 8, 733.	1.8	16
13	Carbon Fibers Embedded With Iron Selenide (Fe ₃ Se ₄) as Anode for High-Performance Sodium and Potassium Ion Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 408.	1.8	30
14	Atomically thin TiO ₂ nanosheets synthesized using liquid metal chemistry. <i>Chemical Communications</i> , 2020, 56, 4914-4917.	2.2	30
15	Synthesis of two-dimensional hematite and iron phosphide for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2789-2797.	5.2	60
16	2D Plasmonic Tungsten Oxide Enabled Ultrasensitive Fiber Optics Gas Sensor. <i>Advanced Optical Materials</i> , 2019, 7, 1901383.	3.6	57
17	An Ultrasensitive Silicon Photonic Ion Sensor Enabled by 2D Plasmonic Molybdenum Oxide. <i>Small</i> , 2019, 15, e1805251.	5.2	31