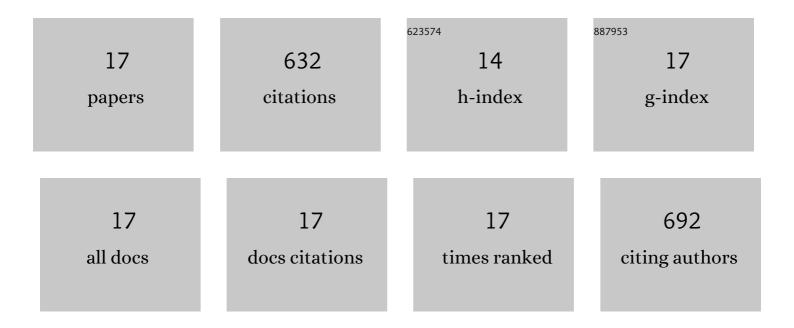
Muhammad Waqas Khan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Hetero-metallic metal-organic frameworks for room-temperature NO2 sensing. Journal of Colloid and Interface Science, 2022, 610, 304-312.	5.0	15
3	2D Palladium Sulphate for Visibleâ€Lightâ€Driven Optoelectronic Reversible Gas Sensing at Room Temperature. Small Science, 2022, 2, .	5.8	21
4	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
5	Printable Single-Unit-Cell-Thick Transparent Zinc-Doped Indium Oxides with Efficient Electron Transport Properties. ACS Nano, 2021, 15, 4045-4053.	7.3	29
6	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
7	Plasmonic metal-organic framework nanocomposites enabled by degenerately doped molybdenum oxides. Journal of Colloid and Interface Science, 2021, 588, 305-314.	5.0	21
8	Iron-doped zinc oxide for photocatalyzed degradation of humic acid from municipal wastewater. Applied Materials Today, 2021, 23, 101047.	2.3	18
9	3D Visibleâ€Lightâ€Driven Plasmonic Oxide Frameworks Deviated from Liquid Metal Nanodroplets. Advanced Functional Materials, 2021, 31, 2106397.	7.8	23
10	Interface chemistry of two-dimensional heterostructures – fundamentals to applications. Chemical Society Reviews, 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. Heliyon, 2020, 6, e04595.	1.4	28
12	Nitrogen-Doped Oxygenated Molybdenum Phosphide as an Efficient Electrocatalyst for Hydrogen Evolution in Alkaline Media. Frontiers in Chemistry, 2020, 8, 733.	1.8	16
13	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
14	Atomically thin TiO ₂ nanosheets synthesized using liquid metal chemistry. Chemical Communications, 2020, 56, 4914-4917.	2.2	30
15	Synthesis of two-dimensional hematite and iron phosphide for hydrogen evolution. Journal of Materials Chemistry A, 2020, 8, 2789-2797.	5.2	60
16	2D Plasmonic Tungsten Oxide Enabled Ultrasensitive Fiber Optics Gas Sensor. Advanced Optical Materials, 2019, 7, 1901383.	3.6	57
17	An Ultrasensitive Silicon Photonic Ion Sensor Enabled by 2D Plasmonic Molybdenum Oxide. Small, 2019, 15, e1805251.	5.2	31