

Muhammad Hamid Raza

List of Publications by Year in Descending Order

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12 papers	107 citations	6 h-index	10 g-index
13 ext. papers	152 ext. citations	6.8 avg, IF	3.09 L-index

#	Paper	IF	Citations
12	On the plasmon-assisted detection of a 1585 cm ⁻¹ mode in the 532 nm Raman spectra of crystalline γ -Fe ₂ O ₃ /polycrystalline NiO core/shell nanofibers. <i>Applied Physics Letters</i> , 2021 , 118, 251105	3.4	0
11	SnO ₂ -SiO ₂ 1D Core-Shell Nanowires Heterostructures for Selective Hydrogen Sensing. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100939	4.6	1
10	Mesoporous WC Films with NiO-Protected Surface: Highly Active Electrocatalysts for the Alkaline Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2021 , 14, 4708-4717	8.3	2
9	CNT/AlO core-shell nanostructures for the electrochemical detection of dihydroxybenzene isomers. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 14064-14074	3.6	1
8	Structure, Defects, and Magnetism of Electrospun Hematite Nanofibers Silica-Coated by Atomic Layer Deposition. <i>Langmuir</i> , 2020 , 36, 1305-1319	4	13
7	Toward Optimized Radial Modulation of the Space-Charge Region in One-Dimensional SnO-NiO Core-Shell Nanowires for Hydrogen Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4594-4608	8.5	32
6	Gas Sensing of NiO-SCCNT Core/Shell Heterostructures: Optimization by Radial Modulation of the Hole-Accumulation Layer. <i>Advanced Functional Materials</i> , 2020 , 30, 1906874	15.6	18
5	Morphology-controlled MoS ₂ by low-temperature atomic layer deposition. <i>Nanoscale</i> , 2020 , 12, 20404-20412	4.7	6
4	Vertically aligned TiO ₂ /ZnO nanotube arrays prepared by atomic layer deposition for photovoltaic applications. <i>Korean Journal of Chemical Engineering</i> , 2019 , 36, 1157-1163	2.8	8
3	A Self-Limited Atomic Layer Deposition of WS ₂ Based on the Chemisorption and Reduction of Bis(t-butylimino)bis(dimethylamino) Complexes. <i>Chemistry of Materials</i> , 2019 , 31, 1881-1890	9.6	14
2	Optimization of the Activity of Ni-Based Nanostructures for the Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4554-4563	6.1	11
1	ALD-Coated Mesoporous Iridium-Titanium Mixed Oxides: Maximizing Iridium Utilization for an Outstanding OER Performance. <i>Advanced Materials Interfaces</i> , 2102035	4.6	0