Muhammad Hamid Raza

List of Publications by Citations

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	Toward Optimized Radial Modulation of the Space-Charge Region in One-Dimensional SnO-NiO Core-Shell Nanowires for Hydrogen Sensing. *ACS Applied Materials & Interfaces*, **2020**, 12, 4594-4606	9.5	32
11	Gas Sensing of NiO-SCCNT Core□Shell Heterostructures: Optimization by Radial Modulation of the Hole-Accumulation Layer. *Advanced Functional Materials*, **2020**, 30, 1906874	15.6	18
10	A Self-Limited Atomic Layer Deposition of WS2 Based on the Chemisorption and Reduction of Bis(t-butylimino)bis(dimethylamino) Complexes. *Chemistry of Materials*, **2019**, 31, 1881-1890	9.6	14
9	Structure, Defects, and Magnetism of Electrospun Hematite Nanofibers Silica-Coated by Atomic Layer Deposition. *Langmuir*, **2020**, 36, 1305-1319	4	13
8	Optimization of the Activity of Ni-Based Nanostructures for the Oxygen Evolution Reaction. *ACS Applied Energy Materials*, **2018**, 1, 4554-4563	6.1	11
7	Vertically aligned TiO2/ZnO nanotube arrays prepared by atomic layer deposition for photovoltaic applications. *Korean Journal of Chemical Engineering*, **2019**, 36, 1157-1163	2.8	8
6	Morphology-controlled MoS by low-temperature atomic layer deposition. *Nanoscale*, **2020**, 12, 20404-20412	7.7	6
5	Mesoporous WC Films with NiO-Protected Surface: Highly Active Electrocatalysts for the Alkaline Oxygen Evolution Reaction. *ChemSusChem*, **2021**, 14, 4708-4717	8.3	2
4	SnO2-SiO2 1D Core-Shell Nanowires Heterostructures for Selective Hydrogen Sensing. *Advanced Materials Interfaces*, **2021**, 8, 2100939	4.6	1
3	CNT/AlO core-shell nanostructures for the electrochemical detection of dihydroxybenzene isomers. *Physical Chemistry Chemical Physics*, **2021**, 23, 14064-14074	3.6	1
2	ALD-Coated Mesoporous Iridium-Titanium Mixed Oxides: Maximizing Iridium Utilization for an Outstanding OER Performance. *Advanced Materials Interfaces*,2102035	4.6	0
1	On the plasmon-assisted detection of a 1585 cm□1 mode in the 532 nm Raman spectra of crystalline □Fe2O3/polycrystalline NiO core/shell nanofibers. *Applied Physics Letters*, **2021**, 118, 251105	3.4	0