

# Shahid Mehmood

## List of Publications by Year in descending order

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15  
papers

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citations

1306789

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times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	MoO <sub>2</sub> -Ni-graphene ternary nanocomposite for a high-performance room-temperature ethanol gas sensor. <i>Applied Surface Science</i> , 2021, 554, 149595.	3.1	29
2	Significance of postgrowth processing of ZnO nanostructures on antibacterial activity against gram-positive and gram-negative bacteria. <i>International Journal of Nanomedicine</i> , 2015, 10, 4521.	3.3	28
3	Role of Au(NPs) in the enhanced response of Au(NPs)-decorated MWCNT electrochemical biosensor. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2093-2106.	3.3	26
4	A p-n Heterojunction Based Pd/PdO@ZnO Organic Frameworks for High-Sensitivity Room-Temperature Formaldehyde Gas Sensor. <i>Frontiers in Chemistry</i> , 2021, 9, 742488.	1.8	11
5	Anomalous Arrhenius and Berthelot behavior of temperature dependent photoluminescence of Mn-doped ZnS nanostructures. <i>Ceramics International</i> , 2020, 46, 9794-9801.	2.3	10
6	CVD growth of layered Cr <sub>2</sub> O <sub>3</sub> hexagonal flakes for optoelectronic applications. <i>Applied Surface Science</i> , 2021, 536, 147713.	3.1	10
7	Modeling of Effective Thermal Conductivity of Dunite Rocks as a Function of Temperature. <i>International Journal of Thermophysics</i> , 2008, 29, 1470-1479.	1.0	9
8	Structural and electrochemical characteristics of o-LiMnO <sub>2</sub> -MWCNTs nanocomposites. <i>Physica B: Condensed Matter</i> , 2019, 575, 411695.	1.3	8
9	Ultrasensitive electrochemical detection of digoxin using graphite oxide and Au-NPs composites. <i>Sensors and Actuators A: Physical</i> , 2021, 318, 112489.	2.0	8
10	Raman spectroscopy of nominally Ni-doped LiMn <sub>2-x</sub> Ni <sub>x</sub> O <sub>4</sub> (0 ≤ x ≤ 0.20). <i>Materials Research Express</i> , 2019, 6, 115550.	0.8	5
11	The electrochemical reaction controlled optical response of cholestrol oxidase (COx) conjugated CdSe/ZnS quantum dots. <i>Scientific Reports</i> , 2020, 10, 20439.	1.6	4
12	Stable Cobalt Porphyrin Ometed Type Small Molecule Sensor for the Sensitive and Selective Detection of Ammonia Gas at Room Temperature. <i>Advanced Materials Technologies</i> , 2021, 6, 2100147.	3.0	3
13	Anomalous Non-Linear to Linear Shift in Magnetoresistance of Amorphous Carbon Films. <i>Crystals</i> , 2019, 9, 618.	1.0	2
14	Defect states in ZnO/SnO <sub>2</sub> composite nanostructures (CNs) for possible facilitating role in carrier transport across the junction. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1818-1828.	1.1	2
15	Ultra-Sensitive Bimetallic Alloy Loaded with Porous Architecture MOF for Ammonia Detection at Room Temperature. , 2021, , .		2