

# Jahan Zeb Hassan

## List of Publications by Year in descending order

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12  
papers

538  
citations

840776

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1281871

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docs citations

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times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Bi Doping into Boron Nitride Nanosheets on Electronic and Optical Properties Using Theoretical Calculations and Experiments. <i>Nanoscale Research Letters</i> , 2021, 16, 82.	5.7	11
2	Advances in Liquidâ€Phase and Intercalation Exfoliations of Transition Metal Dichalcogenides to Produce 2D Framework. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002205.	3.7	43
3	h-BN nanosheets doped with transition metals for environmental remediation; a DFT approach and molecular docking analysis. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115365.	3.5	42
4	Molecular docking and DFT analyses of magnetic cobalt doped MoS <sub>2</sub> and BN nanocomposites for catalytic and antimicrobial explorations. <i>Surfaces and Interfaces</i> , 2021, 27, 101571.	3.0	19
5	Photocatalytic and bactericidal properties and molecular docking analysis of TiO <sub>2</sub> nanoparticles conjugated with Zr for environmental remediation. <i>RSC Advances</i> , 2020, 10, 30007-30024.	3.6	82
6	Application of Chemically Exfoliated Boron Nitride Nanosheets Doped with Co to Remove Organic Pollutants Rapidly from Textile Water. <i>Nanoscale Research Letters</i> , 2020, 15, 75.	5.7	65
7	Bactericidal behavior of chemically exfoliated boron nitride nanosheets doped with zirconium. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2339-2349.	3.1	30
8	2D chemically exfoliated hexagonal boron nitride (hBN) nanosheets doped with Ni: synthesis, properties and catalytic application for the treatment of industrial wastewater. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 3525-3528.	3.1	66
9	A comparative study of dirac 2D materials, TMDCs and 2D insulators with regard to their structures and photocatalytic/sonophotocatalytic behavior. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 3875-3899.	3.1	47
10	Dye degradation performance, bactericidal behavior and molecular docking analysis of Cu-doped TiO <sub>2</sub> nanoparticles. <i>RSC Advances</i> , 2020, 10, 24215-24233.	3.6	96
11	Evaluation of antibacterial and catalytic potential of copper-doped chemically exfoliated boron nitride nanosheets. <i>Ceramics International</i> , 2020, 46, 21073-21083.	4.8	33
12	Rational Design and Advance Applications of Transition Metal Oxides. , 0, , .		4