

# Waqar Syed

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

191  
citations

1163117

8  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrasting changes in cloud optical properties and the influence of aerosols, meteorology and radiation feedback in the Himalaya Karakoram region. <i>Atmospheric Research</i> , 2021, 248, 105210.	4.1	2
2	Compositional effect of antimony on physical properties of quaternary copper antimony tin sulfide nanoparticles. <i>Solid State Communications</i> , 2021, 326, 114175.	1.9	4
3	A computational study of MoS <sub>2</sub> for band gap engineering by substitutional doping of TMN (T = transition metal (Cu), M=Ametalloid (B) and N = non-metal (C)). <i>Materials Research Express</i> , 2021, 8, 046301.	1.6	6
4	Effect of copper concentration and sulfur vacancies on electronic properties of MoS <sub>2</sub> monolayer: a computational study. <i>Journal of Molecular Modeling</i> , 2021, 27, 213.	1.8	10
5	Fabrication and Photovoltaic Properties of Organic Solar Cell Based on Zinc Phthalocyanine. <i>Energies</i> , 2020, 13, 962.	3.1	35
6	Green route synthesis of ZnO nanoparticles mediated by Melia azedarach for microbiological applications. <i>Nano Express</i> , 2020, 1, 010035.	2.4	1
7	Toward controlled thermoelectric properties of Pb and Sb co-doped nanostructured Thallium Telluride for energy applications. <i>Materials Research Express</i> , 2020, 7, 105010.	1.6	5
8	SrCl <sub>2</sub> an environment friendly alternate to CdCl <sub>2</sub> treatment for CdTe thin films solar cell application. <i>Materials Research Express</i> , 2019, 6, 106440.	1.6	9
9	Mechanical, tribological, and electrochemical behavior of hybrid aluminum matrix composite containing boron carbide (B <sub>4</sub> C) and graphene nanoplatelets. <i>Journal of Materials Research</i> , 2019, 34, 3116-3129.	2.6	16
10	BaCl <sub>2</sub> an efficient replacement of CdCl <sub>2</sub> treatment step for thermally deposited CdTe thin film. <i>Materials Research Express</i> , 2019, 6, 086438.	1.6	9
11	Environment friendly nanoparticles of quaternary compound Cu <sub>0.5</sub> Mg <sub>x</sub> SnS <sub>4</sub> for possible photovoltaic and photo-catalytic applications. <i>Materials Research Express</i> , 2019, 6, 0950b5.	1.6	10
12	Cu ion beam induced effects and phase study of vanadium oxide thin films. <i>Materials Research Express</i> , 2019, 6, 075707.	1.6	3
13	Study of polymeric liquid between stretching disks with chemical reaction. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	12
14	Contrasting aerosol optical and radiative properties between dust and urban haze episodes in megacities of Pakistan. <i>Atmospheric Environment</i> , 2018, 173, 157-172.	4.1	37
15	Synthesis of SnO <sub>2</sub> nanowires for CO, CH <sub>4</sub> and CH <sub>3</sub> OH gases sensing. <i>International Journal of Distributed Sensor Networks</i> , 2018, 14, 155014771879075.	2.2	3
16	Enhanced of thermoelectric properties and effects of Sb doping on the electrical properties of Tl <sub>10-x</sub> Sb <sub>x</sub> Te <sub>6</sub> nano-particles. <i>International Journal of Heat and Technology</i> , 2018, 36, 602-606.	0.6	3
17	Inhibitor effects of sodium benzoate on corrosion resistance of Al <sub>6061</sub> -B <sub>4</sub> C composites in NaCl and H <sub>3</sub> BO <sub>3</sub> solutions. <i>Materials Research Express</i> , 2016, 3, 126501.	1.6	6
18	Effect of Cellulose-Derived Structural Homogeneity of Precursor on the Synthesis and Morphology of Boron Carbide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 995-999.	3.7	18

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19	Effects of CdCl <sub>2</sub> Treatment on Physical Properties of CdTe/CdS Thin Film Solar Cell. , 0, , .		2