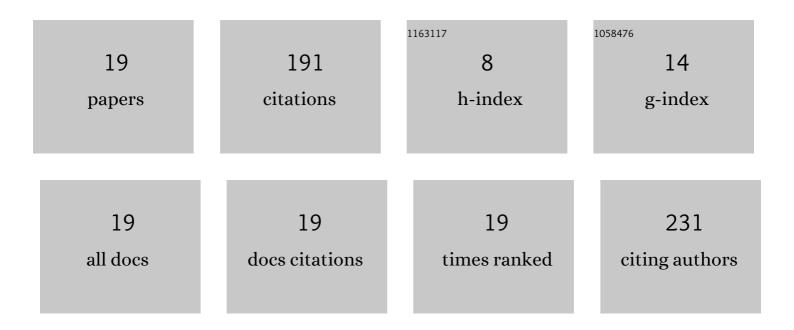
## Waqar Syed

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Contrasting aerosol optical and radiative properties between dust and urban haze episodes in megacities of Pakistan. Atmospheric Environment, 2018, 173, 157-172.	4.1	37
2	Fabrication and Photovoltaic Properties of Organic Solar Cell Based on Zinc Phthalocyanine. Energies, 2020, 13, 962.	3.1	35
3	Effect of Cellulose-Derived Structural Homogeneity of Precursor on the Synthesis and Morphology of Boron Carbide. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 995-999.	3.7	18
4	Mechanical, tribological, and electrochemical behavior of hybrid aluminum matrix composite containing boron carbide (B4C) and graphene nanoplatelets. Journal of Materials Research, 2019, 34, 3116-3129.	2.6	16
5	Study of polymeric liquid between stretching disks with chemical reaction. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	12
6	Environment friendly nanoparticles of quaternary compound Cu0.5MgxSnS4 for possible photovoltaic and photo-catalytic applications. Materials Research Express, 2019, 6, 0950b5.	1.6	10
7	Effect of copper concentration and sulfur vacancies on electronic properties of MoS2 monolayer: a computational study. Journal of Molecular Modeling, 2021, 27, 213.	1.8	10
8	SrCl <sub>2</sub> an environment friendly alternate to CdCl <sub>2</sub> treatment for CdTe thin films solar cell application. Materials Research Express, 2019, 6, 106440.	1.6	9
9	BaCl <sub>2</sub> an efficient replacement of CdCl <sub>2</sub> treatment step for thermally deposited CdTe thin film. Materials Research Express, 2019, 6, 086438.	1.6	9
10	Inhibitor effects of sodium benzoate on corrosion resistance of Al6061-B4C composites in NaCl and H3BO3 solutions. Materials Research Express, 2016, 3, 126501.	1.6	6
11	A computational study of MoS <sub>2</sub> for band gap engineering by substitutional doping of TMN (T = transition metal (Cu), MÂ=Âmetalloid (B) and N = non-metal (C)). Materials Research Express, 2021, 8, 046301.	1.6	6
12	Toward controlled thermoelectric properties of Pb and Sb co-doped nanostructured Thallium Telluride for energy applications. Materials Research Express, 2020, 7, 105010.	1.6	5
13	Compositional effect of antimony on physical properties of quaternary copper antimony tin sulfide nanoparticles. Solid State Communications, 2021, 326, 114175.	1.9	4
14	Synthesis of SnO2 nanowires forCO, CH4 and CH3OH gases sensing. International Journal of Distributed Sensor Networks, 2018, 14, 155014771879075.	2.2	3
15	Cu ion beam induced effects and phase study of vanadium oxide thin films. Materials Research Express, 2019, 6, 075707.	1.6	3
16	Enhanced of thermoelectric properties and effects of Sb doping on the electrical properties of Tl10-xSbxTe6 nano-particles. International Journal of Heat and Technology, 2018, 36, 602-606.	0.6	3
17	Effects of CdCl2 Treatment on Physical Properties of CdTe/CdS Thin Film Solar Cell. , 0, , .		2
18	Contrasting changes in cloud optical properties and the influence of aerosols, meteorology and radiation feedback in the Himalaya Karakoram region. Atmospheric Research, 2021, 248, 105210.	4.1	2

#	Article	IF	CITATIONS
19	Green route synthesis of ZnO nanoparticles mediated by Melia azedarach for microbiological applications. Nano Express, 2020, 1, 010035.	2.4	1