

Muhammad Junaid Iqbal Khan Khan

List of Publications by Year in descending order

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docs citations

32
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of layer sliding on the interfacial electronic properties of intercalated silicene/indium selenide van der Waals heterostructure. Communications in Theoretical Physics, 2022, 74, 035701.	1.1	8
2	Exploring structural, electronic, optical, magnetic, and thermoelectric properties of Pt doped and Pt-Cu/Au co-doped GaN. Physica Scripta, 2022, 97, 045809.	1.2	0
3	Computational modeling and simulation of stenosis of the cerebral aqueduct due to brain tumor. Engineering Applications of Computational Fluid Mechanics, 2022, 16, 1018-1030.	1.5	2
4	Effect of Zn doping on electronic structure and optical properties zincblende GaN (A DFT+U insight). Communications in Theoretical Physics, 2021, 73, 035701.	1.1	11
5	Investigations on electronic structure, magnetic and optical properties of C and Ti co-doped zincblende GaN for optoelectronic applications. Optik, 2021, 231, 166425.	1.4	7
6	First principle investigations of the structural, electronic, magnetic, and optical properties of GaN co-doped with carbon and gold (C@Au@GaN). Computational Condensed Matter, 2021, 28, e00565.	0.9	3
7	Electronic and optical response of HfO ₂ : DFT calculations with Ti and Zr incorporation. Modern Physics Letters B, 2021, 35, .	1.0	2
8	Ab-initio and experimental investigations on Pt:MoS ₂ for electronic and optical applications. Chemical Physics Letters, 2021, 780, 138938.	1.2	8
9	Ab-initio and experimental investigations on Au incorporated MoS ₂ for electronic and optical response. Journal of Alloys and Compounds, 2021, 877, 160244.	2.8	10
10	Effect of Ti incorporation on the electronic structure and optical properties of MoS ₂ (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	7
11	Investigating structural, electronic and optical properties of CdS:Cr (A GGA and GGA+U study). Solid State Sciences, 2020, 108, 106437.	1.5	3
12	Multiband Efficient Asymmetric Transmission With Polarization Conversion Using Chiral Metasurface. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1137-1141.	2.4	38
13	First principle study of optical properties of Cu doped zincblende GaN for novel optoelectronic applications. Optik, 2020, 208, 164529.	1.4	9
14	Investigating optical properties of Cr:GaN system for various Cr concentrations (A DFT+U study). Materials Research Express, 2020, 7, 055904.	0.8	17
15	Efficient asymmetric transmission for wide incidence angles using bi-layered chiral metasurface. Journal Physics D: Applied Physics, 2020, 53, 305004.	1.3	22
16	Exploring optical properties of Gd doped zincblende GaN for novel optoelectronic applications (A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	8
17	Investigation of optical properties of CdS for various Na concentrations for nonlinear optical applications (A DFT study). Optik, 2019, 193, 162985.	1.4	8
18	An insight into optical properties of Pb:CdS system (a theoretical study). Materials Research Express, 2019, 6, 065904.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Exploring novel biomedical applications of rocksalt CdS system with various Eu concentrations (A) Tj ETQq1 1 0.784314 rgBT ₂ /Overlook	1.0	6
20	Layer-sliding-mediated controlled tuning of physical properties of intercalated silicene/hBN heterostructure. Materials Research Express, 2019, 6, 035005.	0.8	6
21	First principle calculations of optical properties of CdS:Al system (A DFT + U study). Materials Research Express, 2019, 6, 035905.	0.8	6
22	Mg and La co-doped ZnNi spinel ferrites for low resistive applications. Materials Research Express, 2019, 6, 016302.	0.8	25
23	Shift in optical properties of Mn doped CdS (A DFT+U study). Materials Research Express, 2018, 5, 015915.	0.8	9
24	Novel substitutional effects on optical properties of Cds:Co system (A theoretical study). Optik, 2018, 156, 817-824.	1.4	18
25	Effect of Ni concentration on optical properties of rocksalt CdS system (A DFT + <i>U</i> study). International Journal of Modern Physics B, 2018, 32, 1850280.	1.0	15
26	Substitutional site effects on optical properties of CdS:Fe rocksalt system (A theoretical study). Optik, 2018, 174, 91-98.	1.4	7
27	Optical Changes in Rock-salt CdS System under Increasing Silver Concentrations Effects. Acta Physica Polonica A, 2018, 134, 1099-1107.	0.2	3
28	Theoretical studies of optical properties of Cu doped rocksalt CdS. Journal of Alloys and Compounds, 2017, 695, 3605-3611.	2.8	25
29	Novel optical properties of CdS:Zn rocksalt system (a theoretical study). Materials Research Express, 2017, 4, 115901.	0.8	3
30	Enhanced ferromagnetic properties of Cu doped two-dimensional GaN monolayer. International Journal of Modern Physics C, 2015, 26, 1550009.	0.8	10
31	Investigations on electronic and optical properties of Zn:CdO-PVDF polymer composite thin films. Polymer Bulletin, 0, , 1.	1.7	0