

Ashraful Hossain Howlader

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

46
citations

1937685

4
h-index

1720034

7
g-index

15
all docs

15
docs citations

15
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative investigation into polarization field-dependent internal quantum efficiency of semipolar InGa _N green light-emitting diodes: A strategy to mitigate green gap phenomenon. <i>Materials Today Communications</i> , 2022, 31, 103705.	1.9	5
2	Localization of the Optical Phonon Modes in Boron Nitride Nanotubes: Mixing Effect of ¹⁰ B and ¹¹ B Isotopes and Vacancies. <i>ACS Omega</i> , 2022, 7, 26591-26600.	3.5	1
3	Numerical investigation into optical and electronic performance of crystal orientation-dependent InGaAs/InP near-infrared laser. <i>Results in Physics</i> , 2021, 26, 104353.	4.1	3
4	Phonon transmission of vacancy disordered armchair silicene nanoribbon. <i>Optoelectronics Letters</i> , 2021, 17, 454-458.	0.8	5
5	Key photovoltaic parameters of organohalide lead perovskite quantum dot intermediate band solar cell: A numerical investigation. <i>Materials Today Communications</i> , 2021, 29, 102884.	1.9	1
6	Length dependent thermal conduction in germanene/stanene heterobilayer by using molecular dynamics simulations. , 2021, , .		2
7	Carbon Nanomaterials for Halide Perovskites-Based Hybrid Photodetectors. <i>Advanced Materials Technologies</i> , 2020, 5, 2000643.	5.8	9
8	Numerical Investigation into Optoelectronic Performance of InGa _N Blue Laser in Polar, Non-Polar and Semipolar Crystal Orientation. <i>Crystals</i> , 2020, 10, 1033.	2.2	3
9	Phonon localization in single wall carbon nanotube: Combined effect of ¹³ C isotope and vacancies. <i>Journal of Applied Physics</i> , 2020, 128, 045108.	2.5	4
10	Vacancy Induced Structural and Electronic Properties of Two Dimensional Stanene: A First Principles Investigation. , 2019, , .		0
11	Vacancy and curvature effects on the phonon properties of single wall carbon nanotube. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 02CB08.	1.5	9
12	A Study on Phonon Transmission of (10,0) Silicon Nanotube with Atomic Vacancies. , 2018, , .		1
13	Phonon transmission of vacancy defected (10,0) carbon nanotube. , 2017, , .		3
14	Designing of a high birefringent octagonal photonic crystal fiber for sensing applications. , 2017, , .		0