Meenhaz Ansari

List of Publications by Year
in descending order

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14 papers	146 citations	1937685 4 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	201 citing authors

#	Article	IF	Citations
1	Terahertz acoustic phonon Cerenkov emission in bilayer graphene. Journal of Applied Physics, 2022, 132, 024303.	2.5	0
2	Phonon drag thermopower and energy loss rate in single and bilayer graphene due to piezoelectric surface acoustic phonons in Bloch-Gruneisen regime. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 131, 114722.	2.7	1
3	Inelastic scattering and cooling of photoexcited electrons through coupling with acoustic, optic, and surface polar optic phonons in graphene. Journal of Applied Physics, 2021, 129, 014308.	2.5	3
4	Electrostatic gating activated single flexural phonon dependent mobility in graphene in BG regime. AIP Conference Proceedings, 2019, , .	0.4	0
5	Electron single flexural phonon relaxation, energy loss and thermopower in single and bilayer graphene in the Blochâ€“Gruneisen regime. Journal of Physics Condensed Matter, 2018, 30, 485501.	1.8	4
6	Piezoelectric substrate effect on electron-acoustic phonon scattering in bilayer graphene. AIP Conference Proceedings, 2018, , .	0.4	0
7	Scattering by flexural phonons in unstrained graphene in BG regime. AIP Conference Proceedings, 2018, , .	0.4	1
8	Flexural phonon limited phonon drag thermopower in bilayer graphene. AIP Conference Proceedings, 2018, , .	0.4	0
9	Effect of temperature-dependent work function and fermi energy on thermionic emission current density in graphene. AIP Conference Proceedings, 2018, , .	0.4	1
10	Electron-Phonon relaxation in bilayer graphene on a piezoelectric substrate. AIP Conference Proceedings, 2017, , .	0.4	3
11	Chirality effect on electron phonon relaxation, energy loss, and thermopower in single and bilayer graphene in BG regime. Journal of Applied Physics, 2017, 122, .	2.5	11
12	Screened energy loss rate in bilayer graphene. AIP Conference Proceedings, 2016, , .	0.4	4
13	Study of ZnO and Mg doped ZnO nanoparticles by sol-gel process. AIP Conference Proceedings, 2015, , .	0.4	6
14	Band gap engineering and enhanced photoluminescence of Mg doped ZnO nanoparticles synthesized by wet chemical route. Journal of Luminescence, 2015, 161, 275-280.	3.1	112