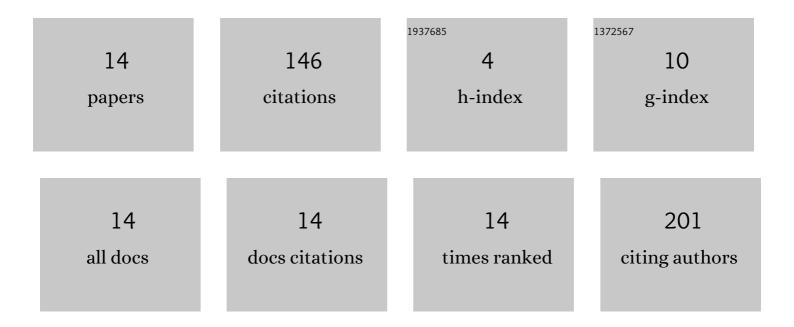
## Meenhaz Ansari

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Terahertz acoustic phonon Cerenkov emission in bilayer graphene. Journal of Applied Physics, 2022,<br>132, 024303.   | 2.5 | Ο         |
| 2  | Phonon drag thermopower and energy loss rate in single and bilayer graphene due to piezoelectric<br>surface acoustic phonons in Bloch-Gruneisen regime. Physica E: Low-Dimensional Systems and<br>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<br>Conference Proceedings, 2019, , .  | 0.4 | 0         |
| 5  | Electron single flexural phonon relaxation, energy loss and thermopower in single and bilayer<br>graphene in the Bloch–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<br>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<br>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       |