

Mouad Bikerouin

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Strain effects on the electronic and optical properties of Van der Waals heterostructure MoS ₂ /WS ₂ : A first-principles study. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 116, 113799. | 2.7 | 26 |
| 2 | Internal polarization electric field effects on the efficiency of InN/In _x Ga _{1-x} N multiple quantum dot solar cells. Solar Energy, 2020, 201, 339-347. | 6.1 | 16 |
| 3 | Electronic and optical properties of layered van der Waals heterostructure based on MS ₂ (M = Mo, W) monolayers. Materials Research Express, 2019, 6, 065060. | 1.6 | 13 |
| 4 | Linear and nonlinear optical properties of a single dopant in GaN conical quantum dot with spherical cap. Philosophical Magazine, 2020, 100, 2503-2523. | 1.6 | 13 |
| 5 | Janus transition-metal dichalcogenides heterostructures for highly efficient excitonic solar cells. Applied Surface Science, 2022, 598, 153835. | 6.1 | 11 |
| 6 | Effect of lattice deformation on electronic and optical properties of CuGaSe ₂ : Ab-initio calculations. Thin Solid Films, 2020, 696, 137783. | 1.8 | 9 |
| 7 | Electric field and strain induced gap modifications in multilayered GaN. Applied Surface Science, 2022, 578, 151970. | 6.1 | 4 |
| 8 | Phonons correction of the energy and photoionization cross section in polar semiconductors and hollow nanoparticles. Journal of Materials Research, 2020, 35, 2077-2086. | 2.6 | 2 |
| 9 | Prediction of optoelectronic features and efficiency for CuMX ₂ (M=Ga, In; X=S, Se) semiconductors using mbj+U approximation. Current Applied Physics, 2021, 32, 11-23. | 2.4 | 1 |