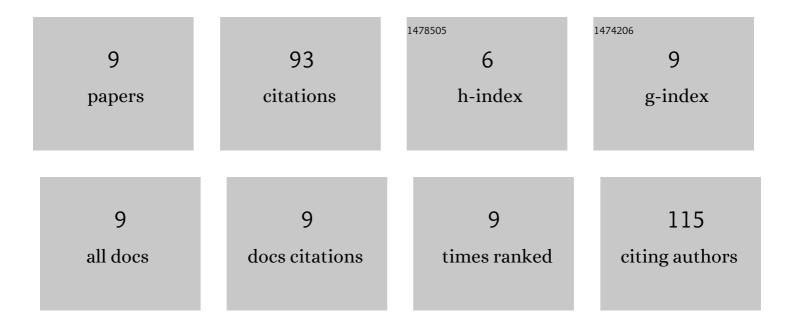
Mourad Baira

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Linear and Nonlinear Intersubband Optical Properties of Direct Band Gap GeSn Quantum Dots. Nanomaterials, 2019, 9, 124. | 4.1 | 16 |
| 2 | Intersubband Optical Nonlinearity of GeSn Quantum Dots under Vertical Electric Field. Micromachines, 2019, 10, 243. | 2.9 | 5 |
| 3 | Investigation of GeSn/Ge quantum dots' optical transitions for integrated optics on Si substrate. Results in Physics, 2019, 12, 1732-1736. | 4.1 | 6 |
| 4 | Tuning direct bandgap GeSn/Ge quantum dots' interband and intraband useful emission wavelength: Towards CMOS compatible infrared optical devices. Superlattices and Microstructures, 2018, 117, 31-35. | 3.1 | 9 |
| 5 | Design of Strain-Engineered GeSn/GeSiSn Quantum Dots for Mid-IR Direct Bandgap Emission on Si Substrate. Nanoscale Research Letters, 2018, 13, 172. | 5.7 | 9 |
| 6 | Investigation of the InAs/GaAs Quantum Dots' Size: Dependence on the Strain Reducing Layer's Position. Materials, 2015, 8, 4699-4709. | 2.9 | 29 |
| 7 | Evolution of InAs/GaAs QDs Size with the Growth Rate: A Numerical Investigation. Journal of Nanomaterials, 2015, 2015, 1-6. | 2.7 | 6 |
| 8 | Numerical investigation of the postgrowth intermixing effects on the optical properties of InAs/GaAs quantum dots. Physica B: Condensed Matter, 2014, 447, 7-11. | 2.7 | 4 |
| 9 | Power density and temperature dependent multi-excited states in InAs/GaAs quantum dots. Journal of Nanoparticle Research, 2011, 13, 257-262. | 1.9 | 9 |