

Marcel Claro

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

122
citations

1683354

5
h-index

1588620

8
g-index

11
all docs

11
docs citations

11
times ranked

200
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Chemical instability at chalcogenide surfaces impacts chalcopyrite devices well beyond the surface. Nature Communications, 2020, 11, 3634. | 5.8 | 34 |
| 2 | Wafer-scale Fabrication of 2D In_2Se_3 Photodetectors. Advanced Optical Materials, 2021, 9, . | 3.6 | 34 |
| 3 | Self-assembled Bismuth Selenide (Bi_2Se_3) quantum dots grown by molecular beam epitaxy. Scientific Reports, 2019, 9, 3370. | 1.6 | 24 |
| 4 | High-detectivity infrared photodetector based on InAs submonolayer quantum dots grown on GaAs(001) with a 2×4 surface reconstruction. Journal of Applied Physics, 2019, 126, . | 1.1 | 11 |
| 5 | Efficient ReSe_2 Photodetectors with CVD Single-Crystal Graphene Contacts. Nanomaterials, 2021, 11, 1650. | 1.9 | 10 |
| 6 | Modeling noise in superlattice quantum-well infrared photodetectors. Journal Physics D: Applied Physics, 2014, 47, 385105. | 1.3 | 3 |
| 7 | Growth Habits of Bismuth Selenide (Bi_2Se_3) Layers and Nanowires over Stranski-Krastanov Indium Arsenide Quantum Dots. Crystal Growth and Design, 2019, 19, 6989-6993. | 1.4 | 3 |
| 8 | Interface modification in type-II $\text{ZnCdSe}/\text{Zn}(\text{Cd})\text{Te}$ QDs for high efficiency intermediate band solar cells. Journal of Crystal Growth, 2019, 512, 203-207. | 0.7 | 3 |
| 9 | Development of an analog and mixed-signal read-out circuit for long-wavelength infrared focal-plane arrays. , 2016, , . | | 0 |
| 10 | Simulation of the dark current of quantum-well infrared photodetectors. Superlattices and Microstructures, 2017, 104, 232-239. | 1.4 | 0 |
| 11 | Van der Waals Epitaxy of Ultrathin In_2Se_3 on Insulators Used in Standard Silicon Microelectronics Technology. Crystal Growth and Design, 2021, 21, 5268-5274. | 1.4 | 0 |