

Cedric Rocha LeÃ£o

List of Publications by Year in descending order

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986
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Computational and Photoelectrochemical Study of Hydrogenated Bismuth Vanadate. Journal of Physical Chemistry C, 2013, 117, 10957-10964. | 3.1 | 222 |
| 2 | Confinement and Surface Effects in B and P Doping of Silicon Nanowires. Nano Letters, 2008, 8, 1866-1871. | 9.1 | 53 |
| 3 | Si Nanowires as Sensors: Choosing the Right Surface. Nano Letters, 2007, 7, 1172-1177. | 9.1 | 40 |
| 4 | Characterization of nitrogen doped graphene bilayers synthesized by fast, low temperature microwave plasma-enhanced chemical vapour deposition. Scientific Reports, 2019, 9, 13715. | 3.3 | 33 |
| 5 | Ionic current and polarization effect in TlBr. Physical Review B, 2013, 87, . | 3.2 | 27 |
| 6 | Ab initio-guided optimization of GaTe for radiation detection applications. Physical Review B, 2011, 84, . | 3.2 | 25 |
| 7 | Simultaneous Control of Ionic and Electronic Conductivity in Materials: Thallium Bromide Case Study. Physical Review Letters, 2012, 108, 246604. | 7.8 | 13 |
| 8 | Comprehensive theoretical and experimental study of electrical transport mechanism on BiFeO ₃ multiferroic nanoparticles. Journal of Alloys and Compounds, 2017, 720, 47-53. | 5.5 | 10 |
| 9 | Novel III-Te-graphene van der Waals heterojunctions for optoelectronic devices. RSC Advances, 2017, 7, 32383-32390. | 3.6 | 8 |
| 10 | Band gap tuning of layered III-Te materials. Journal of Applied Physics, 2018, 124, . | 2.5 | 7 |
| 11 | Mechanical behavior of bovine pericardium treated with hyaluronic acid derivative for bioprosthetic aortic valves. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2273-2280. | 3.4 | 4 |
| 12 | Molybdenum defect complexes in bismuth vanadate. Physical Chemistry Chemical Physics, 2020, 22, 16277-16285. | 2.8 | 2 |