

J P Leitão

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

436
citations

933447

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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into recombination channels in a CVT grown ZnSe single crystal. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	1
2	Mg-Doping of (111)B GaAs Thin Films Grown by Molecular Beam Epitaxy. Journal of Physical Chemistry C, 2019, 123, 12807-12812.	3.1	1
3	Fluctuating potentials in GaAs:Si nanowires: critical reduction of the influence of polytypism on the electronic structure. Nanoscale, 2018, 10, 3697-3708.	5.6	13
4	Insulator Materials for Interface Passivation of Cu(In,Ga)Se ₂ Thin Films. IEEE Journal of Photovoltaics, 2018, 8, 1313-1319.	2.5	39
5	Synthesis and formation mechanism of CuInSe ₂ nanowires by one-step self-catalysed evaporation growth. CrystEngComm, 2016, 18, 7147-7153.	2.6	6
6	Radiative transitions in highly doped and compensated chalcopyrites and kesterites: The case of Cu_2ZnSnS_4 . Physical Review B, 2014, 90, .	3.2	48
7	Comparison of fluctuating potentials and donor-acceptor pair transitions in a Cu-poor Cu ₂ ZnSnS ₄ based solar cell. Applied Physics Letters, 2014, 105, .	3.3	34
8	Photoluminescence study of GaAs thin films and nanowires grown on Si(111). Journal of Materials Science, 2013, 48, 1794-1798.	3.7	19
9	Hopping conduction and persistent photoconductivity in Cu ₂ ZnSnS ₄ thin films. Journal Physics D: Applied Physics, 2013, 46, 155107.	2.8	86
10	Structural and optical characterization of Mg-doped GaAs nanowires grown on GaAs and Si substrates. Journal of Applied Physics, 2013, 114, .	2.5	25
11	Photoluminescence and electrical study of fluctuating potentials in Cu ₂ ZnSnS ₄ -based thin films. Physical Review B, 2011, 84, .	3.2	138
12	Influence of Ge content on the optical properties of X and W centers in dilute Si-Ge alloys. Physical Review B, 2011, 84, .	3.2	16