

# J P Leitão

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

436  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence and electrical study of fluctuating potentials in $\text{Cu}_2\text{ZnSnS}_4$ based thin films. <i>Physical Review B</i> , 2011, 84, .	3.2	138
2	Hopping conduction and persistent photoconductivity in $\text{Cu}_2\text{ZnSnS}_4$ thin films. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 155107.	2.8	86
3	Radiative transitions in highly doped and compensated chalcopyrites and kesterites: The case of $\text{Cu}_2\text{ZnSnS}_4$ . <i>Physical Review B</i> , 2014, 90, .	3.2	48
4	Insulator Materials for Interface Passivation of $\text{Cu}(\text{In,Ga})\text{Se}_2$ Thin Films. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 1313-1319.	2.5	39
5	Comparison of fluctuating potentials and donor-acceptor pair transitions in a Cu-poor $\text{Cu}_2\text{ZnSnS}_4$ based solar cell. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	34
6	Structural and optical characterization of Mg-doped GaAs nanowires grown on GaAs and Si substrates. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	25
7	Photoluminescence study of GaAs thin films and nanowires grown on Si(111). <i>Journal of Materials Science</i> , 2013, 48, 1794-1798.	3.7	19
8	Influence of Ge content on the optical properties of X and W centers in dilute Si-Ge alloys. <i>Physical Review B</i> , 2011, 84, .	3.2	16
9	Fluctuating potentials in GaAs:Si nanowires: critical reduction of the influence of polytypism on the electronic structure. <i>Nanoscale</i> , 2018, 10, 3697-3708.	5.6	13
10	Synthesis and formation mechanism of $\text{CuInSe}_2$ nanowires by one-step self-catalysed evaporation growth. <i>CrystEngComm</i> , 2016, 18, 7147-7153.	2.6	6
11	Mg-Doping of (111)B GaAs Thin Films Grown by Molecular Beam Epitaxy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12807-12812.	3.1	1
12	Insights into recombination channels in a CVT grown ZnSe single crystal. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	1