

Vicente Marin-Borras

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

410
citations

1307366

7
h-index

1588896

8
g-index

10
all docs

10
docs citations

10
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and vibrational study of Bi ₂ Se ₃ under high pressure. Physical Review B, 2011, 84, . High-pressure vibrational and optical study of Bi ₂ Se ₃ . Physical Review B, 2011, 84, .	1.1	138
2	High-pressure studies of topological insulators Bi ₂ Se ₃ , Bi ₂ Te ₃ , and Sb ₂ Te ₃ . Physica Status Solidi (B): Basic Research, 2013, 250, 669-676.	1.1	100
3	Fabrication and characterization of low cost Cu ₂ O/ZnO:Al solar cells for sustainable photovoltaics with earth abundant materials. Solar Energy Materials and Solar Cells, 2016, 145, 454-461.	0.7	77
4	Trapping of three-dimensional electrons and transition to two-dimensional transport in the three-dimensional topological insulator Bi ₂ Se ₃ under high pressure. Physical Review B, 2012, 85, .	3.0	40
5	Optical properties of ZnMgO films grown by spray pyrolysis and their application to UV photodetection. Semiconductor Science and Technology, 2015, 30, 105026.	1.1	29
6	MOCVD growth of CdO very thin films: Problems and ways of solution. Applied Surface Science, 2016, 385, 209-215.	1.0	9
7	Observation of a charge delocalization from Se vacancies in Bi ₂ Te ₃ . A positron annihilation study of native defects. Physical Review B, 2016, 94, .	3.1	8
8	ZnMgO-based UV photodiodes: a comparison of films grown by spray pyrolysis and MBE. , 2016, , .		4
9	Phase segregation in Mg _x Zn _{1-x} O probed by optical absorption and photoluminescence at high pressure. Journal of Applied Physics, 2017, 122, 105902.	1.1	0