

Miloud Ibrir

List of Publications by Year in descending order

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22
papers

462
citations

840776

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22
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docs citations

22
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust half-metallic ferromagnet of quaternary Heusler compounds ZrCoTiZ (Z=Si, Ge, Ga and Al). Computational Condensed Matter, 2014, 1, 26-31.	2.1	77
2	First principles study of structural, electronic and magnetic properties of ZrFeTiAl, ZrFeTiSi, ZrFeTiGe and ZrNiTiAl. Journal of Magnetism and Magnetic Materials, 2014, 371, 106-111.	2.3	77
3	A first-principle study of half-metallic ferrimagnetism in the CoFeTiSb quaternary Heusler compound. Journal of Magnetism and Magnetic Materials, 2014, 354, 65-69.	2.3	62
4	Magnetic, structural and thermal properties of the Finemet-type powders prepared by mechanical alloying. Journal of Physics and Chemistry of Solids, 2013, 74, 550-557.	4.0	53
5	Magnetic and structural characterization of the mechanically alloyed Fe ₇₅ Si ₁₅ B ₁₀ powders. Journal of Alloys and Compounds, 2010, 494, 109-115.	5.5	33
6	Electronic structure and magnetic properties of the perovskite cerium manganese oxide from ab initio calculations. Materials Science in Semiconductor Processing, 2014, 26, 199-204.	4.0	28
7	Theoretical investigation of the structural, electronic and thermodynamic properties of cubic and orthorhombic XZrS ₃ (X=Ba, Sr, Ca) compounds. Journal of Computational Electronics, 2019, 18, 415-427. ^{2.5}		22
8	Microstructure and magnetic properties of HVOF thermally sprayed Fe ₇₅ Si ₁₅ B ₁₀ coatings. Surface and Coatings Technology, 2010, 205, 281-286.	4.8	19
9	Study of structural, electronic and magnetic properties of Rh ₂ MnX (X=Al, Ge and Sn) Heusler alloys using GGA-WC and GGA+U approaches. Physica B: Condensed Matter, 2013, 418, 58-64.	2.7	18
10	Structural, electronic and optical properties for chalcopyrite semiconducting materials: ab-initio computational study. Optik, 2018, 169, 69-76.	2.9	15
11	First principles study of structural, electronic and magnetic properties of Mn ₂ CoAs. Journal of Magnetism and Magnetic Materials, 2014, 361, 132-136.	2.3	14
12	Ab initio prediction of structural, electronic, magnetic and optical properties of Ba ₂ GdSbO ₆ . Materials Science in Semiconductor Processing, 2015, 40, 58-63.	4.0	9
13	Electronic Structure and Thermoelectric Properties of Co, Fe, Mn, and Cr Doped Ba ₂ LuTaO ₆ from Spin-Polarized Calculations. Physica Status Solidi (B): Basic Research, 2021, 258, 2000402.	1.5	7
14	Band parameters and thermoelectric properties of chalcopyrite ternary compounds CdXP ₂ (X = Si, Ge) Tj ETQq0 0 Q rgBT /Overlock 10 T	2.1	7
15	Theoretical investigation of elastic and phononic properties of Zn _{1-x} BexO alloys. Modern Physics Letters B, 2015, 29, 1550140.	1.9	5
16	Influence of Cu Doping on Linear and Nonlinear Optical Properties of High-Quality ZnO Thin Films Obtained by Spin-Coating Technique. Physica Status Solidi (B): Basic Research, 2021, 258, 2000472.	1.5	5
17	EFFECT OF ANNEALING OF Co-DOPED ZnO THIN FILMS ON STRUCTURAL AND MAGNETIC PROPERTIES DEPOSITED BY SOL-GEL/SPIN-COATING TECHNIQUE. Surface Review and Letters, 2022, 29, .	1.1	4
18	Ab initio study of electronic structure and magnetic properties of CoMnTaZ (Z=Si, Ge) quaternary Heusler compounds. Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, 1700127.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Microstructural properties of Fe-doped ZnO thin films and first-principals calculations. International Journal of Nanoparticles, 2010, 3, 267.	0.3	2
20	Structural and elastic properties of BiOCu _{1-x} S with Cu vacancies. Materials Today: Proceedings, 2016, 3, 2877-2882.	1.8	2
21	Study of the structural and magnetic properties of Fe-doped ZnO. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1140-1143.	0.8	0
22	Structural, microstructural and magnetic properties of 1% Fe-doped ZnO powder nanostructures prepared by mechanical alloying. International Journal of Nanotechnology, 2015, 12, 685.	0.2	0