

Michael Cabrera Baez

List of Publications by Year in descending order

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papers

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all docs

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docs citations

23
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological, magnetic and EPR studies of ZnO nanostructures doped and co-doped with Ni and Sr. Ceramics International, 2021, 47, 28714-28722.	4.8	21
2	Preferential site occupancy of Ni ions and oxidation state of Fe ions in the YIG crystal structure obtained by sol-gel method. Journal of Alloys and Compounds, 2020, 849, 156657.	5.5	20
3	The role of pH on the vibrational, optical and electronic properties of the Zn Fe O compound synthesized via sol gel method. Solid State Sciences, 2022, 128, 106880.	3.2	18
4	Effect of yttrium substitution in Fe-doped ZnO nanoparticles: An EPR study. Journal of Magnetism and Magnetic Materials, 2021, 538, 168317.	2.3	15
5	Gd ³⁺ spin-lattice relaxation via multi-band conduction electrons in Y _{1-x} Gd _x In ₃ : an electron spin resonance study. Journal of Physics Condensed Matter, 2014, 26, 175501.	1.8	10
6	Multiband electronic characterization of the complex intermetallic cage system $Y_{1-x}Gd_xIn_3$. Physical Review B, 2015, 92, .	3.2	10
7	Emergence of competing magnetic interactions induced by Ge doping in the semiconductor FeGa ₃ . Physical Review B, 2016, 94, .	3.2	9
8	Tuning the electronic hybridization in the heavy fermion cage compound YbFe ₂ Zn ₂₀ with Cd doping. Journal of Physics Condensed Matter, 2016, 28, 375601.	1.8	9
9	Thermodynamic and Transport Study of Electron- and Hole-Doped MGa ₃ Single Crystals (M=Fe, Co). Journal of Electronic Materials, 2014, 43, 1988-1992.	2.2	8
10	Magnetic order of intermetallic $FeGa_3$. Physical Review B, 2017, 95, .	3.2	7
11	Conduction electrons mediating the evolution from antiferromagnetic to ferromagnetic ordering in Gd _{1-x} Y _x Fe ₂ Zn ₂₀ (0 ≤ x ≤ 1). Physical Review B, 2017, 95, .	3.2	7
12	STRUCTURE AND CONDUCTIVITY FLUCTUATIONS OF THE $Y_3Ba_5Cu_8O_{18}$ SUPERCONDUCTOR. Modern Physics Letters B, 2012, 26, 1250067.	1.8	5
13	Probing Surface Effects on $Y_{1-x}Na_xFe_2Zn_{20}$ Nanoparticles by Nuclear Magnetic Resonance. Journal of Physical Chemistry C, 2020, 124, 9523-9535.	3.1	4
14	Gd ³⁺ as a probing and tuning tool of strong electronic correlations in the heavy-fermion Kondo lattice compound YbFe ₂ Zn ₂₀ . Physical Review B, 2018, 98, .	3.2	3
15	Unconventional enhancement of ferromagnetic interactions in Cd-doped $Y_{1-x}Gd_xFe_2Zn_{20}$ single crystals studied by ESR and ^{57}Fe NMR. Physical Review B, 2020, 102, 014407.	3.2	3
16	Unusual evolution from a superconducting to an antiferromagnetic ground state in $Y_{1-x}Gd_xFe_2Zn_{20}$. Physical Review B, 2020, 102, 014407.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Reply to "Comment on "Unconventional enhancement of ferromagnetic interactions in Cd-doped GdFe ₂ Zn ₂₀ single crystals studied by ESR and Fe ⁵⁷ Mössbauer spectroscopies" Physical Review B, 2021, 103, .		1
20	Crystal structure of the Heavy Fermion compound YbFe ₂ Zn ₂₀ doped with Cd. , 0, , .		1
21	Single crystal growth and characterization of the intermetallic cubic cage system YCo _{1.82} Mn _{0.18} Zn ₂₀ . Physica B: Condensed Matter, 2018, 536, 850-854.	2.7	0
22	Correlation between structure and magnetic properties in Eu _{1-x} Ho _x CrO ₃ (x = 0.0, 0.5 and 1.0) orthochromites. Journal of Materials Science: Materials in Electronics, 2021, 32, 12283-12291.	2.2	0