

Ali Francisco Garcia Flores

List of Publications by Year in descending order

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722
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the thermal switching in upconverting nanoparticles through surface chemistry. <i>Nanoscale</i> , 2021, 13, 16267-16276.	5.6	7
2	Synthesis, characterization, and incorporation of upconverting nanoparticles into a dental adhesive. <i>Brazilian Oral Research</i> , 2021, 35, e120.	1.4	1
3	Electrochromic Switch Devices Mixing Small and Large Sized Upconverting Nanocrystals. <i>Advanced Functional Materials</i> , 2019, 29, 1807758.	14.9	69
4	Electrothermal silver nanowire thin films for In-Situ observation of thermally-driven chemical processes. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 475-483.	7.8	12
5	Crystal field effects in Er^{3+} - and Yb^{3+} -doped hexagonal NaYF_4 nanoparticles. <i>Physical Review B</i> , 2012, 85, 114407.	1.8	12
6	Nematic fluctuations and phase transitions in LaFeAsO : A Raman scattering study. <i>Physical Review B</i> , 2017, 96, .	3.2	10
7	Two-magnon Raman scattering in LiMnPO_4 . <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 377, 430-435.	2.3	8
8	Absence of exchange interaction between localized magnetic moments and conduction-electrons in diluted Er^{3+} gold-nanoparticles. <i>Journal of Applied Physics</i> , 2014, 115, 17E128.	2.5	1
9	Raman scattering in the magnetically frustrated double perovskite Sr_2YRuO_6 . <i>Journal of Raman Spectroscopy</i> , 2014, 45, 193-196.	2.5	9
10	Spin-Electron-Phonon Excitation in Re-based Half-Metallic Double Perovskites. <i>Physical Review Letters</i> , 2012, 108, 177202.	7.8	23
11	Collective phase-like mode and the role of lattice distortions at $T \sim T_N^{1/4} T_C$ in RMn_2O_5 ($R = \text{Pr, Sm, Gd, Tb, Bi}$). <i>Journal of Physics Condensed Matter</i> , 2012, 24, 195901.	1.8	2
12	High-wavenumber FT-Raman spectroscopy for in vivo and ex vivo measurements of breast cancer. <i>Theoretical Chemistry Accounts</i> , 2011, 130, 1231-1238.	1.4	39
13	Temperature-dependent Raman scattering of multiferroic $\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 015401.	1.8	30
14	Raman and infrared spectroscopy of $\text{Sr}_2\text{Ba}_2\text{UO}_6$ ($\text{Ba}^2 = \text{Ni; Co}$) double perovskites. <i>Vibrational Spectroscopy</i> , 2010, 54, 142-147.	2.2	5
15	Landau levels in bulk graphite by Raman spectroscopy. <i>Physical Review B</i> , 2009, 79, .	3.2	18
16	Inelastic X-ray scattering and first-principles study of electron excitations in MgB_2 . <i>Solid State Communications</i> , 2009, 149, 1706-1711.	1.9	1
17	Search for spin-lattice coupling mediated by itinerant electrons: Synchrotron x-ray diffraction and Raman scattering from GdAl_3 . <i>Physical Review B</i> , 2008, 77, .	3.2	3
18	Magnetoelastic and thermal effects in the BiMn_2O_5 lattice: A high-resolution x-ray diffraction study. <i>Physical Review B</i> , 2008, 77, .	3.2	25

#	ARTICLE	IF	CITATIONS
19	Magnetically frustrated behavior in multiferroics RMn ₂ O ₅ (R=Bi, Eu, and Dy): A Raman scattering study. <i>Journal of Applied Physics</i> , 2007, 101, 09M106.	2.5	13
20	Anomalous phonon shifts in the paramagnetic phase of multiferroic RMn ₂ O ₅ (R=Bi, Eu, Dy): Possible manifestations of unconventional magnetic correlations. <i>Physical Review B</i> , 2006, 73, .	3.2	104