

Ali Francisco Garcia Flores

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

393
citations

933447

10
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

722
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Anomalous phonon shifts in the paramagnetic phase of multiferroic RMn_2O_5 (R=Bi, Eu, Dy): Possible manifestations of unconventional magnetic correlations. <i>Physical Review B</i> , 2006, 73, . | 3.2 | 104 |
| 2 | Electrochromic Switch Devices Mixing Small and Large Sized Upconverting Nanocrystals. <i>Advanced Functional Materials</i> , 2019, 29, 1807758. | 14.9 | 69 |
| 3 | 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 |
| 4 | 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 |
| 5 | BiMn_2O_5 elastic and thermal effects in the lattice. <i>Physical Review B</i> , 2008, 77, . | 3.2 | 25 |
| 6 | Spin-Electron-Phonon Excitation in Re-based Half-Metallic Double Perovskites. <i>Physical Review Letters</i> , 2012, 108, 177202. | 7.8 | 23 |
| 7 | Landau levels in bulk graphite by Raman spectroscopy. <i>Physical Review B</i> , 2009, 79, . | 3.2 | 18 |
| 8 | Magnetically frustrated behavior in multiferroics RMn_2O_5 (R=Bi, Eu, and Dy): A Raman scattering study. <i>Journal of Applied Physics</i> , 2007, 101, 09M106. | 2.5 | 13 |
| 9 | ErYb_2O_7 - and Yb_2O_7 -doped hexagonal NaYF_4 . <i>Physical Chemistry Letters</i> , 2012, 3, 121001. | 1.2 | 1 |
| 10 | 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 |
| 11 | Nematic fluctuations and phase transitions in LaFeAsO : A Raman scattering study. <i>Physical Review B</i> , 2017, 96, . | 3.2 | 10 |
| 12 | Raman scattering in the magnetically frustrated double perovskite Sr_2YRuO_6 . <i>Journal of Raman Spectroscopy</i> , 2014, 45, 193-196. | 2.5 | 9 |
| 13 | Two-magnon Raman scattering in LiMnPO_4 . <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 377, 430-435. | 2.3 | 8 |
| 14 | Controlling the thermal switching in upconverting nanoparticles through surface chemistry. <i>Nanoscale</i> , 2021, 13, 16267-16276. | 5.6 | 7 |
| 15 | Raman and infrared spectroscopy of $\text{Sr}_2\text{B}^{\epsilon}\text{UO}_6$ ($\text{B}^{\epsilon} = \text{Ni}, \text{Co}$) double perovskites. <i>Vibrational Spectroscopy</i> , 2010, 54, 142-147. | 2.2 | 5 |
| 16 | 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 |
| 17 | Collective phase-like mode and the role of lattice distortions at $T \sim T_C$ in RMn_2O_5 (R= Pr, Sm, Gd, Tb, Bi). <i>Journal of Physics Condensed Matter</i> , 2012, 24, 195901. | 1.8 | 2 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Absence of exchange interaction between localized magnetic moments and conduction-electrons in diluted Er ³⁺ gold-nanoparticles. Journal of Applied Physics, 2014, 115, 17E128. | 2.5 | 1 |
| 20 | Synthesis, characterization, and incorporation of upconverting nanoparticles into a dental adhesive. Brazilian Oral Research, 2021, 35, e120. | 1.4 | 1 |