

Gilberto Dantas Saraiva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

178
citations

10
h-index

12
g-index

24
ext. papers

229
ext. citations

3.4
avg, IF

2.45
L-index

#	Paper	IF	Citations
23	Vibrational spectroscopy and lattice dynamic calculation on the MnMoO ₄ system. <i>Journal of Solid State Chemistry</i> , 2022 , 311, 123105	3.3	1
22	Structural, vibrational and magnetic properties of monoclinic La ₂ FeMnO ₆ double perovskite. <i>Vacuum</i> , 2022 , 202, 111140	3.7	0
21	O romance no ensino da Física Moderna e Contemporânea: uma proposta metodológica. <i>Revista Iberoamericana De Educação</i> , 2021 , 87, 139-152	0.8	
20	A temperature-dependent Raman scattering and X-ray diffraction study of KMoO ₄ ·H ₂ O and ab initio calculations of KMoO ₄ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 263, 120184	4.4	1
19	Vibrational spectroscopy study and ab initio calculation on ZnMoO ₄ system. <i>Journal of Molecular Structure</i> , 2020 , 1206, 127776	3.4	5
18	Lattice dynamics calculations and high-pressure Raman spectra of the ZnMoO ₄ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 239, 118501	4.4	2
17	Temperature-induced phase transitions in metastable Ag ₂ WO ₄ : a Raman scattering study. <i>Vibrational Spectroscopy</i> , 2020 , 110, 103135	2.1	0
16	Temperature dependence Raman spectroscopy and DFT calculations of Bi(MoO ₄). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 224, 117340	4.4	8
15	Preparation, structural and spectroscopic characterization of chitosan membranes containing allantoin. <i>Journal of Molecular Structure</i> , 2020 , 1199, 126968	3.4	11
14	Phase transformation in the C form of myristic-acid crystals and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 208, 97-108	4.4	3
13	Pressure dependent Raman studies in the K ₂ Mo ₂ O ₇ ·H ₂ O crystal. <i>Vibrational Spectroscopy</i> , 2018 , 94, 89-94	2.1	3
12	An arabinogalactan-glycoconjugate from <i>Genipa americana</i> leaves present anticoagulant, antiplatelet and antithrombotic effects. <i>Carbohydrate Polymers</i> , 2018 , 202, 554-562	10.3	16
11	Vibrational spectroscopy study of essential oils from <i>Plectranthus amboinicus</i> Lour. Spreng and <i>Vanillosmopsis arborea</i> Baker. <i>Vibrational Spectroscopy</i> , 2018 , 98, 22-29	2.1	5
10	Pressure induced transformations in sorbic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 184, 327-334	4.4	2
9	Temperature induced phase transformations on the Li ₂ MoO ₄ system studied by Raman spectroscopy. <i>Journal of Molecular Structure</i> , 2017 , 1139, 119-124	3.4	12
8	Phonon properties of Ag ₂ MoO ₄ : Raman spectroscopy and ab initio calculations. <i>Vibrational Spectroscopy</i> , 2016 , 86, 97-102	2.1	23
7	Conformational change in the C form of palmitic acid investigated by Raman spectroscopy and X-ray diffraction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 161, 162-94	4.4	11

6	Low-temperature phase transformation studies in the stearic acid: C form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 148, 280-8	4.4	11
5	Temperature-dependent vibrational spectroscopic study and DFT calculations of the sorbic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 1409-16	4.4	10
4	High-pressure Raman scattering of MgMoO ₄ . <i>Vibrational Spectroscopy</i> , 2013 , 68, 34-39	2.1	16
3	Temperature-dependent Raman scattering study of K ₂ MoO ₄ . <i>Vibrational Spectroscopy</i> , 2012 , 58, 87-94	2.1	15
2	Pressure-induced phase transition on K ₂ MoO ₄ : A Raman scattering study and ab initio calculations. <i>Journal of Solid State Chemistry</i> , 2012 , 196, 197-202	3.3	8
1	Pressure-induced phase transitions in stearic acid C form. <i>Vibrational Spectroscopy</i> , 2010 , 54, 118-122	2.1	15