Thiago Rodrigues da Cunha

List of Publications by Year
in descending order

17	150	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The origin of the unusual DSC peaks of supercooled barium disilicate liquid. CrystEngComm, 2019, 21, 2768-2778.	2.6	27
2	Spin-phonon coupling in uniaxial anisotropic spin-glass based on Fe2TiO5 pseudobrookite. Journal of Alloys and Compounds, 2019, 799, 563-572.	5.5	20
3	Persistent luminescence properties of SrB X Al 2â^'X O 4 :Eu,Dy laser-sintered ceramics. Optical Materials, 2017, 70, 63-68.	3.6	17
4	Synthesis and Magnetic Properties of Mn-Doped and SnO2 Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2299-2302.	1.8	13
5	First-principles calculations and Raman scattering evidence for local symmetry lowering in rhombohedral ilmenite: temperature- and pressure-dependent studies. Journal of Physics Condensed Matter, 2018, 30, 485401.	1.8	13
6	Identifying and explaining vibrational modes of sanbornite (low-BaSi2O5) and Ba5Si8O21: A joint experimental and theoretical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 248, 119130.	3.9	10
7	Combining XRD and Raman spectroscopy techniques to probe the solid solution and composite forms of Pb1-xCoxTiO3 systems. Materials Research Bulletin, 2018, 107, 462-467.	5.2	9
8	In-situ Raman spectroscopy unveils metastable crystallization in lead metasilicate glass. Journal of Non-Crystalline Solids, 2020, 546, 120254.	3.1	9
9	Investigation on the optical and electrical properties of undoped and Sb-doped SnO2 nanowires obtained by the VLS method. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 134, 114856.	2.7	7
10	A theoretical and experimental investigation of hetero- vs. homo-connectivity in barium silicates. American Mineralogist, 2022, 107, 716-728.	1.9	6
11	Raman scattering and phonon anharmonicity as a tool for assisting TiO2-based ceramics synthesis. Ceramics International, 2017, 43, 116-120.	4.8	5
12	Thermal expansion, compressibility and bulk modulus of ilmenite-type CoTiO3: X-ray diffraction at high pressures and temperatures. Solid State Sciences, 2019, 88, 1-5.	3.2	5
13	Dielectric and Magnetic Properties of Ni Pb1-TiO3 Solid Solution and Composite: Coexistence of Ferroelectric and Antiferromagnetic Order. Journal of Alloys and Compounds, 2018, 739, 600-606.	5.5	3
14	High pressure and temperature effects on the molecular crystal 2â€aminoâ€5â€methylâ€1,3,4â€thiadiazole. Journal of Raman Spectroscopy, 2018, 49, 1713-1721.	2.5	3
15	Structural and photoluminescence properties of Eu3+-doped (Y2.99-xGdx)Al5O12 phosphors under vacuum ultraviolet and ultraviolet excitation. Materials Chemistry and Physics, 2019, 228, 9-14.	4.0	2
16	Chromium in lead metasilicate glass: Solubility, valence, and local environment via multiple spectroscopy. Ceramics International, 2022, 48, 173-178.	4.8	1
17	Low-temperature and high-pressure Raman scattering study of the molecular crystal 2-amino-5-ethyl-1,3,4-thiadiazole. Vibrational Spectroscopy, 2021, 113, 103209.	2.2	0