

# Thiago Rodrigues da Cunha

## List of Publications by Year in descending order

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17  
papers

150  
citations

1163117

8  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

219  
citing authors

#	ARTICLE	IF	CITATIONS
1	A theoretical and experimental investigation of hetero- vs. homo-connectivity in barium silicates. <i>American Mineralogist</i> , 2022, 107, 716-728.	1.9	6
2	Chromium in lead metasilicate glass: Solubility, valence, and local environment via multiple spectroscopy. <i>Ceramics International</i> , 2022, 48, 173-178.	4.8	1
3	Identifying and explaining vibrational modes of sanbornite (low-BaSi <sub>2</sub> O <sub>5</sub> ) and Ba <sub>5</sub> Si <sub>8</sub> O <sub>21</sub> : A joint experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119130.	3.9	10
4	Low-temperature and high-pressure Raman scattering study of the molecular crystal 2-amino-5-ethyl-1,3,4-thiadiazole. <i>Vibrational Spectroscopy</i> , 2021, 113, 103209.	2.2	0
5	Investigation on the optical and electrical properties of undoped and Sb-doped SnO <sub>2</sub> nanowires obtained by the VLS method. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 134, 114856.	2.7	7
6	In-situ Raman spectroscopy unveils metastable crystallization in lead metasilicate glass. <i>Journal of Non-Crystalline Solids</i> , 2020, 546, 120254.	3.1	9
7	Spin-phonon coupling in uniaxial anisotropic spin-glass based on Fe <sub>2</sub> TiO <sub>5</sub> pseudobrookite. <i>Journal of Alloys and Compounds</i> , 2019, 799, 563-572.	5.5	20
8	The origin of the unusual DSC peaks of supercooled barium disilicate liquid. <i>CrystEngComm</i> , 2019, 21, 2768-2778.	2.6	27
9	Structural and photoluminescence properties of Eu <sup>3+</sup> -doped (Y <sub>2.99-x</sub> Gd <sub>x</sub> )Al <sub>5</sub> O <sub>12</sub> phosphors under vacuum ultraviolet and ultraviolet excitation. <i>Materials Chemistry and Physics</i> , 2019, 228, 9-14.	4.0	2
10	Thermal expansion, compressibility and bulk modulus of ilmenite-type CoTiO <sub>3</sub> : X-ray diffraction at high pressures and temperatures. <i>Solid State Sciences</i> , 2019, 88, 1-5.	3.2	5
11	Dielectric and Magnetic Properties of Ni Pb <sub>1-x</sub> TiO <sub>3</sub> Solid Solution and Composite: Coexistence of Ferroelectric and Antiferromagnetic Order. <i>Journal of Alloys and Compounds</i> , 2018, 739, 600-606.	5.5	3
12	First-principles calculations and Raman scattering evidence for local symmetry lowering in rhombohedral ilmenite: temperature- and pressure-dependent studies. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 485401.	1.8	13
13	Combining XRD and Raman spectroscopy techniques to probe the solid solution and composite forms of Pb <sub>1-x</sub> Co <sub>x</sub> TiO <sub>3</sub> systems. <i>Materials Research Bulletin</i> , 2018, 107, 462-467.	5.2	9
14	High pressure and temperature effects on the molecular crystal 2-amino-5-methyl-1,3,4-thiadiazole. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1713-1721.	2.5	3
15	Persistent luminescence properties of SrB <sub>x</sub> Al <sub>2-x</sub> O <sub>4</sub> :Eu,Dy laser-sintered ceramics. <i>Optical Materials</i> , 2017, 70, 63-68.	3.6	17
16	Raman scattering and phonon anharmonicity as a tool for assisting TiO <sub>2</sub> -based ceramics synthesis. <i>Ceramics International</i> , 2017, 43, 116-120.	4.8	5
17	Synthesis and Magnetic Properties of Mn-Doped and SnO <sub>2</sub> Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 2299-2302.	1.8	13