

# Pedro Freitas Faãanha Filho

## List of Publications by Year in descending order

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26  
papers

314  
citations

1040056

9  
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839539

18  
g-index

26  
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26  
docs citations

26  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental investigation of structural and vibrational properties of L-arginine·HCl Br1- monohydrate crystals. <i>Vibrational Spectroscopy</i> , 2021, 112, 103187.	2.2	6
2	Proposta de moderniza�o sustent�vel do modelo produtivo do farelo do coco baba�su de uma reserva agroextrativista do Maranh�o, Brasil. <i>Research, Society and Development</i> , 2021, 10, e6610413830.	0.1	0
3	Pressure-induced phase transition in Glycinium maleate crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120076.	3.9	5
4	High-pressure study by Raman spectroscopy and DFT calculations of L-tyrosine hydrobromide crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120142.	3.9	2
5	Low-wavenumber Raman spectra of L-tyrosine, L-tyrosine hydrochloride, and L-tyrosine hydrobromide crystals at high temperatures. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 136, 109129.	4.0	4
6	Raman spectroscopy of captopril crystals under low-temperature conditions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118734.	3.9	3
7	Growth, structural, vibrational, DFT and thermal studies of bis(L-alanine) nickel(II) dihydrate crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 141, 109435.	4.0	2
8	Pressure-induced phase transitions in DL-glutamic acid monohydrate crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118059.	3.9	3
9	An�lise comparativa da s�ntese de hidroxiapatita via estado s�lido. <i>Revista Materia</i> , 2020, 25, .	0.2	2
10	Biodigestor anaer�bio para produ�o sustent�vel de biog�s em propriedade rural da cidade de A�il�ndia, Maranh�o, Brasil. <i>Research, Society and Development</i> , 2020, 9, e362974262.	0.1	0
11	Material comp�sito de argamassa e pol�mero: uma op�o sustent�vel para a constru�o civil e reutiliza�o de pneus inserv�veis na cidade de A�il�ndia, Brasil. <i>Research, Society and Development</i> , 2020, 9, e538974591.	0.1	1
12	High pressure Raman scattering of DL-isoleucine crystals and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 207-215.	3.9	3
13	High-pressure Raman spectra and DFT calculations of L-tyrosine hydrochloride crystal. <i>Physica B: Condensed Matter</i> , 2018, 531, 35-44.	2.7	7
14	High-temperature study of beta-alanine crystals. <i>Vibrational Spectroscopy</i> , 2017, 89, 69-74.	2.2	7
15	High-pressure Raman spectra of thymidine crystals. <i>Vibrational Spectroscopy</i> , 2017, 89, 62-68.	2.2	4
16	High-pressure Raman study of mono-L-alaninium nitrate crystals. <i>Physica B: Condensed Matter</i> , 2017, 521, 317-322.	2.7	5
17	Physical, thermal and structural properties of Calcium Borotellurite glass system. <i>Materials Chemistry and Physics</i> , 2016, 178, 133-138.	4.0	46
18	Thermal and structural properties of Nd <sub>2</sub> O <sub>3</sub> -doped calcium borosilicate glasses. <i>Journal of Rare Earths</i> , 2016, 34, 521-528.	4.8	56

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19	High pressure Raman spectra of monoglycine nitrate single crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 109-114.	3.9	11
20	High-temperature Raman study of L-alanine, L-threonine and taurine crystals related to thermal decomposition. <i>Physica B: Condensed Matter</i> , 2016, 484, 22-26.	2.7	12
21	Structural, vibrational and thermal characterization of phase transformation in l-histidinium bromide monohydrate single crystals. <i>Materials Chemistry and Physics</i> , 2015, 165, 150-155.	4.0	9
22	Thermal study of l-alanine, l-threonine, and taurine crystals related to hydrogen bonding. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 627-631.	3.6	13
23	Temperature-induced phase transition in methyl-dopa sesquihydrate revealed via X-ray diffraction, thermal analysis and Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2012, 62, 59-63.	2.2	2
24	Low-temperature Raman spectra of racemate DL-Alanine crystals. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 808-813.	2.5	16
25	Pressure-induced phase transitions in L-leucine crystal. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 46-51.	2.5	45
26	High temperature Raman spectra of L-leucine crystals. <i>Brazilian Journal of Physics</i> , 2008, 38, 131-137.	1.4	50