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List of Publications by Year in descending order

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26
papers

314
citations

1040056

9
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and structural properties of Nd ₂ O ₃ -doped calcium borosilicate glasses. <i>Journal of Rare Earths</i> , 2016, 34, 521-528.	4.8	56
2	High temperature Raman spectra of L-leucine crystals. <i>Brazilian Journal of Physics</i> , 2008, 38, 131-137.	1.4	50
3	Physical, thermal and structural properties of Calcium Borotellurite glass system. <i>Materials Chemistry and Physics</i> , 2016, 178, 133-138.	4.0	46
4	Pressure-induced phase transitions in L-leucine crystal. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 46-51.	2.5	45
5	Low-temperature Raman spectra of racemate <sc>DL</sc>-Alanine crystals. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 808-813.	2.5	16
6	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
7	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
8	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
9	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
10	High-temperature study of beta-alanine crystals. <i>Vibrational Spectroscopy</i> , 2017, 89, 69-74.	2.2	7
11	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
12	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
13	High-pressure Raman study of mono-L-alaninium nitrate crystals. <i>Physica B: Condensed Matter</i> , 2017, 521, 317-322.	2.7	5
14	Pressure-induced phase transition in Glycinium maleate crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120076.	3.9	5
15	High-pressure Raman spectra of thymidine crystals. <i>Vibrational Spectroscopy</i> , 2017, 89, 62-68.	2.2	4
16	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
17	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
18	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

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19	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
20	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
21	Growth, structural, vibrational, DFT and thermal studies of bis(β -alanine) nickel(II) dihydrate crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 141, 109435.	4.0	2
22	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
23	Análise comparativa da síntese de hidroxiapatita via estado sólido. <i>Revista Materia</i> , 2020, 25, .	0.2	2
24	Material composto de argamassa e polímero: uma opção sustentável para a construção civil e reutilização de pneus inservíveis na cidade de Açailândia, Brasil. <i>Research, Society and Development</i> , 2020, 9, e538974591.	0.1	1
25	Proposta de modernização sustentável do modelo produtivo do farelo do coco babaçu de uma reserva agroextrativista do Maranhão, Brasil. <i>Research, Society and Development</i> , 2021, 10, e6610413830.	0.1	0
26	Biodigestor anaeróbio para produção sustentável de biogás em propriedade rural da cidade de Açailândia, Maranhão, Brasil. <i>Research, Society and Development</i> , 2020, 9, e362974262.	0.1	0