

Kisla Prislen FÃ©lix Siqueira

List of Publications by Year in descending order

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33
papers

643
citations

567144

15
h-index

580701

25
g-index

35
all docs

35
docs citations

35
times ranked

754
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Crystal Structure of Lanthanide Orthoniobates Studied by Vibrational Spectroscopy. <i>Chemistry of Materials</i> , 2010, 22, 2668-2674.	3.2	95
2	Layered double hydroxides for remediation of industrial wastewater containing manganese and fluoride. <i>Journal of Cleaner Production</i> , 2018, 171, 275-284.	4.6	47
3	Influence of the processing conditions and chemical environment on the crystal structures and phonon modes of lanthanide orthotantalates. <i>Dalton Transactions</i> , 2011, 40, 9454.	1.6	46
4	Adsorption of organic and inorganic arsenic from aqueous solutions using MgAl-LDH with incorporated nitroprusside. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 194-205.	5.0	46
5	Influence of the Matrix on the Red Emission in Europium Self-Activated Orthoceramics. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17825-17835.	1.5	35
6	Synchrotron X-ray diffraction and Raman spectroscopy of Ln ₃ NbO ₇ (Ln=La, Pr, Nd, Sm-Lu) ceramics obtained by molten-salt synthesis. <i>Journal of Solid State Chemistry</i> , 2014, 209, 63-68.	1.4	34
7	Microwave-hydrothermal preparation of alkaline-earth-metal tungstates. <i>Journal of Materials Science</i> , 2010, 45, 6083-6093.	1.7	27
8	Electrocatalytic performance of different cobalt molybdate structures for water oxidation in alkaline media. <i>CrystEngComm</i> , 2018, 20, 5592-5601.	1.3	27
9	Effect of the processing parameters on the crystalline structure of lanthanide orthotantalates. <i>Materials Research</i> , 2014, 17, 167-173.	0.6	26
10	Optical properties of undoped NdTaO ₄ , ErTaO ₄ and YbTaO ₄ ceramics. <i>Journal of Luminescence</i> , 2016, 179, 146-153.	1.5	25
11	Lanthanide Orthoantimonate Light Emitters: Structural, Vibrational, and Optical Properties. <i>Chemistry of Materials</i> , 2014, 26, 6351-6360.	3.2	23
12	Crystal structure of fluorite-related Ln ₃ SbO ₇ (Ln=La–Dy) ceramics studied by synchrotron X-ray diffraction and Raman scattering. <i>Journal of Solid State Chemistry</i> , 2013, 203, 326-332.	1.4	20
13	Incipient crystallization of transition-metal tungstates under microwaves probed by Raman scattering and transmission electron microscopy. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5927-5933.	0.8	19
14	Investigation of Polymorphism and Vibrational Properties of MnMo ₄ Microcrystals Prepared by a Hydrothermal Process. <i>Crystal Growth and Design</i> , 2018, 18, 2474-2485.	1.4	19
15	Influence of crystalline structure on the luminescence properties of terbium orthotantalates. <i>Journal of Luminescence</i> , 2013, 138, 133-137.	1.5	16
16	Micro far-infrared dielectric response of lanthanide orthotantalates for applications in microwave circuitry. <i>Journal of Alloys and Compounds</i> , 2017, 693, 1243-1249.	2.8	15
17	Influence of europium doping on the structural phase-transition temperature of $\hat{\Gamma}^2\hat{a}^{\sim}$ and $\hat{\Gamma}^{\pm}\hat{a}^{\sim}$ CoMoO ₄ polymorphs. <i>Materials Research Bulletin</i> , 2019, 118, 110517.	2.7	15
18	Influence of temperature on the structural and color properties of nickel molybdates. <i>Materials Research Bulletin</i> , 2020, 122, 110665.	2.7	15

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19	The relationship between crystal structures and thermochromism in CoMoO ₄ . Chemical Papers, 2021, 75, 237-248.	1.0	12
20	Optical phonon modes and infrared dielectric properties of monoclinic CoWO ₄ microcrystals. Journal Physics D: Applied Physics, 2016, 49, 045305.	1.3	10
21	Crystal structures and phonon modes of Ba(Ca _{1/2} W _{1/2})O ₃ , Ba(Ca _{1/2} Mo _{1/2})O ₃ and Ba(Sr _{1/2} W _{1/2})O ₃ complex perovskites investigated by Raman scattering. Journal of Raman Spectroscopy, 2010, 41, 93-97.	1.2	9
22	Structural and thermal evolution studies of LaSbO ₄ ceramics prepared by solid-state reaction method. Materials Chemistry and Physics, 2013, 140, 255-259.	2.0	9
23	New insight on the use of diffuse reflectance spectroscopy for the optical characterization of Ln ₂ Ge ₂ O ₇ (Ln = lanthanides) pyrogermanates. Journal of Luminescence, 2021, 238, 118312.	1.5	9
24	Experimental evaluation of the activity and selectivity of pure MnWO ₄ and doped with rare earth ions in the CO ₂ photoreduction process. Materials Research Bulletin, 2022, 153, 111912.	2.7	9
25	Luminescence properties of PrNbO ₄ and EuNbO ₄ orthoniobates and investigation of their structural phase transition by high-temperature Raman spectroscopy. Journal of Luminescence, 2021, 238, 118284.	1.5	7
26	High-temperature antiferroelectric and ferroelectric phase transitions in phase pure LaTaO ₄ . Ceramics International, 2017, 43, 1543-1551.	2.3	6
27	Microwave-assisted synthesis of Ca _{1-x} MnxMoO ₄ (x = 0, 0.2, 0.7, and 1) and its application in artificial photosynthesis. Ceramics International, 2021, 47, 5388-5398.	2.3	5
28	Synthesis of NiMoO ₄ ceramics by proteic sol-gel method and investigation of their catalytic properties in hydrogen production. Materials Chemistry and Physics, 2021, 262, 124301.	2.0	5
29	Structural and vibrational properties of phase-pure monoclinic NdLuO ₃ interlanthanides synthesized from nanostructured precursors. Journal of Alloys and Compounds, 2016, 678, 57-64.	2.8	4
30	Microwave-Hydrothermal Synthesis of Transition Metal Tungstates with Nanosized Particles. Solid State Phenomena, 0, 194, 209-212.	0.3	2
31	Thermal, vibrational and optical properties of PrLuO ₃ interlanthanides from hydrothermally-derived precursors. Dalton Transactions, 2017, 46, 825-835.	1.6	2
32	Synthesis of SmLuO ₃ and EuLuO ₃ interlanthanides from hydrothermally-derived nanostructured precursors. Arabian Journal of Chemistry, 2019, 12, 4035-4043.	2.3	2
33	A bifunctional catalyst based on Nb and V oxides over alumina: oxidative cleavage of crude glycerol to green formic acid. New Journal of Chemistry, 2020, 44, 8538-8544.	1.4	2