

# AndrÃ© Vitor Chaves de Andrade

## List of Publications by Year in descending order

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26  
papers

492  
citations

933447

10  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of zeolites from residual diatomite using a microwave-assisted hydrothermal method. <i>Waste Management</i> , 2021, 126, 853-860.	7.4	18
2	Improvement in varistor properties of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics by chromium addition. <i>Journal of Materials Science and Technology</i> , 2020, 41, 12-20.	10.7	35
3	Processing influence in the CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> electrical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	7
4	Synthesis of Brown Inorganic Pigments with Spinel Structure from the Incorporation of Spent Alkaline Batteries. <i>Materials Research</i> , 2020, 23, .	1.3	3
5	Thermal, structural and optical properties of TeO <sub>2</sub> -Na <sub>2</sub> O-TiO <sub>2</sub> glassy system. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16695-16701.	2.2	8
6	Iron-based inorganic pigments from residue: Preparation and application in ceramic, polymer, and paint. <i>Dyes and Pigments</i> , 2018, 148, 319-328.	3.7	24
7	Production of brown inorganic pigments with spinel structure using spent zinc-carbon batteries. <i>Processing and Application of Ceramics</i> , 2018, 12, 319-325.	0.8	5
8	Fe-Doping Effect on the Bi <sub>3</sub> Ni Superconductor Microstructure. <i>Materials Research</i> , 2017, 20, 601-606.	1.3	6
9	Superconductivity and magnetism in intermetallic Bi <sub>3</sub> Ni <sub>1-x</sub> Fex superconductor. <i>Solid State Communications</i> , 2016, 242, 6-10.	1.9	5
10	Synthesis and characterization of pigments of the LaAl <sub>1-x</sub> FexO <sub>3</sub> system – Application in ceramic and polymer. <i>Dyes and Pigments</i> , 2016, 133, 304-310.	3.7	13
11	Transição de fases de zeólita do tipo Faujasita para Sodalita via tratamento térmico. <i>Seminário: Ciências Exatas E Tecnológicas</i> , 2015, 36, 71.	0.1	0
12	Anthocyanin from <i>Vitis labrusca</i> grape used as sensitizer in DSSC solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2257-2262.	2.2	6
13	Effect of Pr <sub>6</sub> O <sub>11</sub> doping in electrical and microstructural properties of SnO <sub>2</sub> -based varistors. <i>Acta Scientiarum - Technology</i> , 2014, 36, 237.	0.4	0
14	Synthesis and characterization of CeO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> and CeO <sub>2</sub> -Pr <sub>6</sub> O <sub>11</sub> ceramic pigments through the solid state reaction and modified sol-gel method. <i>Dyes and Pigments</i> , 2014, 106, 14-19.	3.7	4
15	Influence of Nb <sub>2</sub> O <sub>5</sub> on the varistor behavior of TiO <sub>2</sub> -Cr <sub>2</sub> O <sub>3</sub> system. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 938-944.	2.2	10
16	The thermoelastic bending and thermal diffusion processes influence on photoacoustic signal generation using open photoacoustic cell technique. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	34
17	Synthesis and characterization of Fe <sup>3+</sup> doped cerium-praseodymium oxide pigments. <i>Dyes and Pigments</i> , 2013, 97, 113-117.	3.7	25
18	Synthesis, characterization and chemoprotective activity of polyoxovanadates against DNA alkylation. <i>Journal of Inorganic Biochemistry</i> , 2012, 108, 36-46.	3.5	32

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19	Analysis of fluctuation conductivity of polycrystalline $\text{Er}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ superconductors. Brazilian Journal of Physics, 2009, 39, .	1.4	8
20	Rietveld analysis of mechanically activated $\text{BaCO}_3$ – $\text{TiO}_2$ system. Powder Diffraction, 2008, 23, S13-S17.	0.2	2
21	Crystal phase analysis of $\text{SnO}_2$ -based varistor ceramic using the Rietveld method. Materials Characterization, 2006, 57, 193-198.	4.4	22
22	Quantitative structural analysis of the transition from LT-Li <sub>x</sub> CoO <sub>2</sub> to HT-Li <sub>x</sub> CoO <sub>2</sub> using the rietveld method: correlation between structure and electrochemical performance. Journal of Power Sources, 2004, 125, 103-113.	7.8	8
23	Structural and electrochemical properties of LiCoO <sub>2</sub> prepared by combustion synthesis. Solid State Ionics, 2003, 158, 91-102.	2.7	74
24	Effect of Barium Titanate Seed Particles on the Sintering and Lattice Parameters in $\text{Pb}_{1/3}\text{Mg}_{2/3}\text{NbO}_3$ Ceramics. Journal of Materials Research, 2002, 17, 620-624.	2.6	8
25	Development of Metal Oxide Nanoparticles with High Stability Against Particle Growth Using a Metastable Solid Solution. Advanced Materials, 2002, 14, 905.	21.0	133
26	Study of Crystallite Size of Yttria-Stabilized Zirconia Powders by Rietveld Method. Materials Science Forum, 0, 660-661, 965-970.	0.3	2