# AndrÃ© Vitor Chaves de Andrade

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4039899/publications.pdf

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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 | Development of Metal Oxide Nanoparticles with High Stability Against Particle Growth Using a Metastable Solid Solution. Advanced Materials, 2002, 14, 905. | 21.0 | 133 |
| 2 | Structural and electrochemical properties of LiCoO2 prepared by combustion synthesis. Solid State Ionics, 2003, 158, 91-102. | 2.7 | 74 |
| 3 | Improvement in varistor properties of CaCu3Ti4O12 ceramics by chromium addition. Journal of Materials Science and Technology, 2020, 41, 12-20. | 10.7 | 35 |
| 4 | The thermoelastic bending and thermal diffusion processes influence on photoacoustic signal generation using open photoacoustic cell technique. Journal of Applied Physics, 2013, 114, . | 2.5 | 34 |
| 5 | Synthesis, characterization and chemoprotective activity of polyoxovanadates against DNA alkylation. Journal of Inorganic Biochemistry, 2012, 108, 36-46. | 3.5 | 32 |
| 6 | Synthesis and characterization of Fe3+ doped ceriumâ€“praseodymium oxide pigments. Dyes and Pigments, 2013, 97, 113-117. | 3.7 | 25 |
| 7 | Iron-based inorganic pigments from residue: Preparation and application in ceramic, polymer, and paint. Dyes and Pigments, 2018, 148, 319-328. | 3.7 | 24 |
| 8 | Crystal phase analysis of SnO2-based varistor ceramic using the Rietveld method. Materials Characterization, 2006, 57, 193-198. | 4.4 | 22 |
| 9 | Synthesis of zeolites from residual diatomite using a microwave-assisted hydrothermal method. Waste Management, 2021, 126, 853-860. | 7.4 | 18 |
| 10 | Synthesis and characterization of pigments of the LaAl1â˜xFexO3 system â€“ Application in ceramic and polymer. Dyes and Pigments, 2016, 133, 304-310. | 3.7 | 13 |
| 11 | Influence of Nb2O5 on the varistor behavior of TiO2â€“Cr2O3 system. Journal of Materials Science: Materials in Electronics, 2013, 24, 938-944. | 2.2 | 10 |
| 12 | Effect of Barium Titanate Seed Particles on the Sintering and Lattice Parameters in PbMg<sub>1/3</sub>Nb<sub>2/3</sub>O<sub>3</sub> Ceramics. Journal of Materials Research, 2002, 17, 620-624. | 2.6 | 8 |
| 13 | Quantitative structural analysis of the transition from LT-LixCoO2 to HT-LixCoO2 using the rietveld method: correlation between structure and electrochemical performance. Journal of Power Sources, 2004, 125, 103-113. | 7.8 | 8 |
| 14 | Analysis of fluctuation conductivity of polycrystalline Er1-xPr xBa2Cu3O7-Î´superconductors. Brazilian Journal of Physics, 2009, 39, . | 1.4 | 8 |
| 15 | Thermal, structural and optical properties of TeO2â€“Na2Oâ€“TiO2 glassy system. Journal of Materials Science: Materials in Electronics, 2019, 30, 16695-16701. | 2.2 | 8 |
| 16 | Processing influence in the CaCu3Ti4O12 electrical properties. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 7 |
| 17 | Anthocyanin from Vitis labrusca grape used as sensitizer in DSSC solar cells. Journal of Materials Science: Materials in Electronics, 2015, 26, 2257-2262. | 2.2 | 6 |
| 18 | Fe-Doping Effect on the Bi3Ni Superconductor Microstructure. Materials Research, 2017, 20, 601-606. | 1.3 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Superconductivity and magnetism in intermetallic Bi3Ni1âˆ’xFex superconductor. Solid State Communications, 2016, 242, 6-10. | 1.9 | 5 |
| 20 | Production of brown inorganic pigments with spinel structure using spent zinc-carbon batteries. Processing and Application of Ceramics, 2018, 12, 319-325. | 0.8 | 5 |
| 21 | Synthesis and characterization of CeO2Â·Î±-Fe2O3 and CeO2Â·Pr6O11 ceramic pigments through the solid state reaction and modified solâ€“gel method. Dyes and Pigments, 2014, 106, 14-19. | 3.7 | 4 |
| 22 | Synthesis of Brown Inorganic Pigments with Spinel Structure from the Incorporation of Spent Alkaline Batteries. Materials Research, 2020, 23, . | 1.3 | 3 |
| 23 | Rietveld analysis of mechanically activated BaCO<sub>3</sub>â€“TiO<sub>2</sub>system. Powder Diffraction, 2008, 23, S13-S17. | 0.2 | 2 |
| 24 | Study of Crystallite Size of Yttria-Stabilized Zirconia Powders by Rietveld Method. Materials Science Forum, 0, 660-661, 965-970. | 0.3 | 2 |
| 25 | <b>Effect of Pr<sub>6</sub>O<sub>11</sub> doping in electrical and microstructural properties of SnO<sub>2</sub>-based varistors<b>. Acta Scientiarum - Technology, 2014, 36, 237. | 0.4 | 0 |
| 26 | TransiÃ§Ã£o de fases de zeÃ³lita do tipo Faujasita para Sodalita via tratamento tÃ©rmico. Semina: CiÃªncias Exatas E TecnolÃ³gicas, 2015, 36, 71. | 0.1 | 0 |