

Tankut Ates

List of Publications by Year in descending order

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38
papers

819
citations

566801

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h-index

500791

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38
all docs

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docs citations

38
times ranked

875
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dielectric properties of Fe doped hydroxyapatite prepared by sol-gel method. <i>Ceramics International</i> , 2014, 40, 9395-9402. | 2.3 | 113 |
| 2 | Preparation of semiconductor ZnO powders by sol-gel method: Humidity sensors. <i>Sensors and Actuators A: Physical</i> , 2013, 190, 153-160. | 2.0 | 89 |
| 3 | Strontium substituted hydroxyapatites: Synthesis and determination of their structural properties, in vitro and in vivo performance. <i>Materials Science and Engineering C</i> , 2015, 55, 538-546. | 3.8 | 72 |
| 4 | Characterization of Mg-containing hydroxyapatites synthesized by combustion method. <i>Physica B: Condensed Matter</i> , 2018, 537, 63-67. | 1.3 | 55 |
| 5 | Structural and dielectric properties of yttrium-substituted hydroxyapatites. <i>Materials Science and Engineering C</i> , 2015, 47, 333-338. | 3.8 | 54 |
| 6 | Controlling of dielectrical and optical properties of hydroxyapatite based bioceramics by Cd content. <i>Powder Technology</i> , 2013, 245, 1-6. | 2.1 | 46 |
| 7 | Synthesis and characterization of lithium calcium phosphate ceramics. <i>Ceramics International</i> , 2013, 39, 7779-7785. | 2.3 | 36 |
| 8 | Effects of strontium - erbium co-doping on the structural properties of hydroxyapatite: An Experimental and theoretical study. <i>Ceramics International</i> , 2020, 46, 16354-16363. | 2.3 | 31 |
| 9 | In vitro characterization of polyvinyl alcohol assisted hydroxyapatite derived by sol-gel method. <i>Materials Science and Engineering C</i> , 2014, 35, 239-244. | 3.8 | 29 |
| 10 | Controlling of dielectrical properties of hydroxyapatite by ethylenediamine tetraacetic acid (EDTA) for bone healing applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 268-273. | 2.0 | 29 |
| 11 | Structural and Dielectrical Properties of Ag- and Ba-Substituted Hydroxyapatites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 1001-1008. | 1.9 | 26 |
| 12 | Structural and optical characterization of Sm-doped ZnO nanoparticles. <i>Bulletin of Materials Science</i> , 2019, 42, 1. | 0.8 | 26 |
| 13 | The effects of Ni-addition on the crystal structure, thermal properties and morphology of Mg-based hydroxyapatites synthesized by a wet chemical method. <i>Ceramics International</i> , 2018, 44, 14036-14043. | 2.3 | 25 |
| 14 | Temperature dependent structural and vibrational properties of hydroxyapatite: A theoretical and experimental study. <i>Ceramics International</i> , 2017, 43, 15899-15904. | 2.3 | 20 |
| 15 | Ce/Sm co-doped hydroxyapatites: synthesis, characterization, and band structure calculation. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 305-317. | 1.1 | 18 |
| 16 | Investigation of the effects of Pr doping on the structural properties of hydroxyapatite: an experimental and theoretical study. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 1501-1513. | 1.1 | 17 |
| 17 | The effects of Mn and/or Ni dopants on the in vitro/in vivo performance, structural and magnetic properties of β -tricalcium phosphate bioceramics. <i>Ceramics International</i> , 2019, 45, 22752-22758. | 2.3 | 15 |
| 18 | Theoretical and experimental characterization of Pr/Ce co-doped hydroxyapatites. <i>Journal of Molecular Structure</i> , 2021, 1240, 130557. | 1.8 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The effects of urea content on the structural, thermal and morphological properties of MgO nanopowders. <i>Ceramics International</i> , 2018, 44, 14523-14527. | 2.3 | 12 |
| 20 | Structural, spectroscopic, dielectric, and magnetic properties of Fe/Cu co-doped hydroxyapatites prepared by a wet-chemical method. <i>Physica B: Condensed Matter</i> , 2022, 625, 413486. | 1.3 | 12 |
| 21 | Experimental characterization and theoretical investigation of Ce/Yb co-doped hydroxyapatites. <i>Materials Chemistry and Physics</i> , 2022, 276, 125444. | 2.0 | 11 |
| 22 | Controlling of dielectric parameters of insulating hydroxyapatite by simulated body fluid. <i>Materials Science and Engineering C</i> , 2015, 46, 118-124. | 3.8 | 9 |
| 23 | An experimental and theoretical investigation of the structure of synthesized ZnO powder. <i>Chemical Physics</i> , 2018, 513, 273-279. | 0.9 | 9 |
| 24 | Theoretical and experimental characterization of Sn-based hydroxyapatites doped with Bi. <i>Journal of the Australian Ceramic Society</i> , 2022, 58, 803-815. | 1.1 | 8 |
| 25 | The experimental and theoretical investigation of Sm/Mg co-doped hydroxyapatites. <i>Chemical Physics Letters</i> , 2022, 800, 139677. | 1.2 | 7 |
| 26 | Investigation of the structural and thermal properties of Y, Ag and Ce-assisted SiO ₂ -Na ₂ O-CaO-P ₂ O ₅ -based glasses derived by sol-gel method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 765-770. | 2.0 | 5 |
| 27 | The effects of gamma irradiation on dielectric properties of Ag/Gd co-doped hydroxyapatites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 10443-10453. | 1.1 | 5 |
| 28 | Investigation of the effects of Ni-doping on the structural and thermal properties of ZnAl ₂ O ₄ spinels prepared by wet chemical method. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 1155-1162. | 1.1 | 5 |
| 29 | Investigation of structural, spectroscopic, dielectric, magnetic, and in vitro biocompatibility properties of Sr/Ni co-doped hydroxyapatites. <i>Ceramics International</i> , 2022, 48, 26585-26607. | 2.3 | 5 |
| 30 | Synthesis and characterization of Ag-doped CeO ₂ powders. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 615-623. | 1.1 | 3 |
| 31 | Experimental characterization and theoretical investigation of ZnSm co-doped hydroxyapatites. <i>Materials Today Communications</i> , 2022, 31, 102050. | 0.9 | 3 |
| 32 | Thermal and structural characterization of the kidney stone. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 3843-3846. | 2.0 | 2 |
| 33 | Ag katkÄ±lÄ± NaPO ₃ camlarÄ±: Sentez ve karakterizasyon. <i>Bitlis Eren Äœniversitesi Fen Bilimleri Dergisi</i> , 2019, 8, 428-434. | 0.1 | 2 |
| 34 | Structural and thermal properties of Zn-containing magnesium aluminate spinels obtained by wet chemical method. <i>Materials Science-Poland</i> , 2019, 37, 238-243. | 0.4 | 2 |
| 35 | The effects of Zn/Fe co-dopants on the structural, thermal, magnetic, and in vitro biocompatibility properties of calcium pyrophosphate ceramics. <i>Physica B: Condensed Matter</i> , 2022, 643, 414123. | 1.3 | 2 |
| 36 | Dielectric Properties of Calcium Phosphate Ceramics. <i>Medziagotyra</i> , 2016, 22, . | 0.1 | 1 |

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|----|--|-----|-----------|
| 37 | Fe ve Ti katkıları ile çift fazlı Kalsiyum Fosfatların Sentez ve Karakterizasyonu. Türk Doğa Ve Fen Dergisi, 2021, 10, 89-94. | 0,2 | 0 |
| 38 | NiO Takviyeli Mn Katkılı Hidroksiapatit Kompozitlerinin Sentez ve Karakterizasyonu. International Journal of Innovative Engineering Applications, 0, , . | 0.1 | 0 |