

Ã-mer KayÄili

List of Publications by Year in descending order

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papers

1,230
citations

331259

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docs citations

61
times ranked

1095
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	Synthesis and characterization of Ce-substituted hydroxyapatite by sol-gel method. <i>Materials Science and Engineering C</i> , 2014, 42, 78-82.	3.8	81
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	Sol-gel synthesis and characterization of Sr/Mg, Mg/Zn and Sr/Zn co-doped hydroxyapatites. <i>Materials Letters</i> , 2015, 141, 161-164.	1.3	67
5	Characterization of Mg-containing hydroxyapatites synthesized by combustion method. <i>Physica B: Condensed Matter</i> , 2018, 537, 63-67.	1.3	55
6	Structural and dielectric properties of yttrium-substituted hydroxyapatites. <i>Materials Science and Engineering C</i> , 2015, 47, 333-338.	3.8	54
7	The investigation of some physical properties and microstructure of Zn-doped hydroxyapatite bioceramics prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 61, 296-309.	1.1	53
8	Nano-crystalline aluminum-containing hydroxyapatite based bioceramics: synthesis and characterization. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 105-111.	1.1	51
9	Controlling of dielectrical and optical properties of hydroxyapatite based bioceramics by Cd content. <i>Powder Technology</i> , 2013, 245, 1-6.	2.1	46
10	Structural and dielectrical properties of Mg ₃ -Ca ₃ (PO ₄) ₂ bioceramics obtained from hydroxyapatite by sol-gel method. <i>Ceramics International</i> , 2012, 38, 5713-5722.	2.3	38
11	Synthesis and characterization of lithium calcium phosphate ceramics. <i>Ceramics International</i> , 2013, 39, 7779-7785.	2.3	36
12	Zr/Mg, Zr/Sr and Zr/Zn co-doped hydroxyapatites: Synthesis and characterization. <i>Ceramics International</i> , 2016, 42, 9270-9273.	2.3	33
13	Bioactive contents, <i>in vitro</i> antiradical, antimicrobial and cytotoxic properties of rhubarb (<i>Rheum ribes</i> L.) extracts. <i>Natural Product Research</i> , 2020, 34, 3353-3357.	1.0	31
14	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
15	Electronic, optical, and spectroscopic analysis of TBADN organic semiconductor: Experiment and theory. <i>Chemical Physics Letters</i> , 2017, 678, 130-138.	1.2	30
16	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
17	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
18	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

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19	Structural and optical characterization of Sm-doped ZnO nanoparticles. Bulletin of Materials Science, 2019, 42, 1.	0.8	26
20	The effects of Ni-addition on the crystal structure, thermal properties and morphology of Mg-based hydroxyapatites synthesized by a wet chemical method. Ceramics International, 2018, 44, 14036-14043.	2.3	25
21	The effect of simulating body fluid on the structural properties of hydroxyapatite synthesized in the presence of citric acid. Progress in Biomaterials, 2016, 5, 173-182.	1.8	24
22	Synthesis and characterization of Na ₂ O-CaO-SiO ₂ glass-ceramic. Journal of Thermal Analysis and Calorimetry, 2014, 117, 223-227.	2.0	22
23	Temperature dependent structural and vibrational properties of hydroxyapatite: A theoretical and experimental study. Ceramics International, 2017, 43, 15899-15904.	2.3	20
24	Ce/Sm co-doped hydroxyapatites: synthesis, characterization, and band structure calculation. Journal of the Australian Ceramic Society, 2021, 57, 305-317.	1.1	18
25	Investigation of the effects of Pr doping on the structural properties of hydroxyapatite: an experimental and theoretical study. Journal of the Australian Ceramic Society, 2020, 56, 1501-1513.	1.1	17
26	The effects of Mn and/or Ni dopants on the in vitro/in vivo performance, structural and magnetic properties of Î²-tricalcium phosphate bioceramics. Ceramics International, 2019, 45, 22752-22758.	2.3	15
27	Theoretical and experimental characterization of Pr/Ce co-doped hydroxyapatites. Journal of Molecular Structure, 2021, 1240, 130557.	1.8	15
28	The effects of gamma irradiation on non-isothermal crystallization kinetics and microhardness of the Li ₂ O-Al ₂ O ₃ -SiO ₂ glass-ceramic. Journal of Thermal Analysis and Calorimetry, 2010, 102, 681-684.	2.0	14
29	The effects of urea content on the structural, thermal and morphological properties of MgO nanopowders. Ceramics International, 2018, 44, 14523-14527.	2.3	12
30	Synthesis and characterization of Fe-containing biphasic calcium phosphate ceramics. Journal of the Australian Ceramic Society, 2019, 55, 381-385.	1.1	12
31	Phytochemical compounds and antiradical, antimicrobial, and cytotoxic activities of the extracts from <i>Hypericum scabrum</i> L. Flowers. Natural Product Research, 2020, 34, 714-719.	1.0	12
32	Structural, spectroscopic, dielectric, and magnetic properties of Fe/Cu co-doped hydroxyapatites prepared by a wet-chemical method. Physica B: Condensed Matter, 2022, 625, 413486.	1.3	12
33	Experimental characterization and theoretical investigation of Ce/Yb co-doped hydroxyapatites. Materials Chemistry and Physics, 2022, 276, 125444.	2.0	11
34	Controlling of dielectric parameters of insulating hydroxyapatite by simulated body fluid. Materials Science and Engineering C, 2015, 46, 118-124.	3.8	9
35	An experimental and theoretical investigation of the structure of synthesized ZnO powder. Chemical Physics, 2018, 513, 273-279.	0.9	9
36	Preparation and characterization of monetites co-doped with Ni/Al, Ni/Mn and Al/Mn. Materials Letters, 2017, 201, 39-42.	1.3	8

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37	Theoretical and experimental characterization of Sn-based hydroxyapatites doped with Bi. Journal of the Australian Ceramic Society, 2022, 58, 803-815.	1.1	8
38	The experimental and theoretical investigation of Sm/Mg co-doped hydroxyapatites. Chemical Physics Letters, 2022, 800, 139677.	1.2	7
39	DoÄŸu Anadolu, TÄ¼rkiyeâ€™de YetiÄŸen ÄceÅŸ Centaurea L. TÄ¼rÄ¼nÄ¼n in vitro Biyolojik DeÄŸerlendirilmesi ve Fitokimyasal Ä—zellikleri. KahramanmaraÅŸ SA¼tÄŸÄ¼ Ä°mam Äceniiversitesi TarÄ±m Ve DoÄŸa Dergisi, 2020, 23, 148-156. 6	0.2	6
40	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 solâ€“gel method. Journal of Thermal Analysis and Calorimetry, 2017, 128, 765-770.	2.0	5
41	The effects of gamma irradiation on dielectric properties of Ag/Gd co-doped hydroxyapatites. Journal of Materials Science: Materials in Electronics, 2019, 30, 10443-10453.	1.1	5
42	Investigation of the effects of Ni-doping on the structural and thermal properties of ZnAl ₂ O ₄ spinels prepared by wet chemical method. Journal of the Australian Ceramic Society, 2021, 57, 1155-1162.	1.1	5
43	Investigation of structural, spectroscopic, dielectric, magnetic, and in vitro biocompatibility properties of Sr/Ni co-doped hydroxyapatites. Ceramics International, 2022, 48, 26585-26607.	2.3	5
44	The effect of gamma-ray irradiation on the electrical conductivity of CuO•PbO glasses. Radiation Effects and Defects in Solids, 2011, 166, 100-103.	0.4	4
45	Comparison of experimental photonic and refractive index characteristics of the TBADN films with their theoretical counterparts. Chemical Physics Letters, 2018, 696, 12-18.	1.2	4
46	Antimicrobial Activity of Ga-Doped Hydroxyapatite Nanostructures: Synthesis, Morphological, Spectroscopic, and Dielectric Properties. Journal of Biomaterials and Tissue Engineering, 2019, 9, 881-889.	0.0	4
47	Effect of Hydrostatic Pressure on Thermodynamic Properties of NiTi Shape Memory Alloy. Archives of Metallurgy and Materials, 2017, 62, 799-806.	0.6	3
48	Combustion synthesis and characterization of Mg-based Fe-doped biphasic calcium phosphate ceramics. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	3
49	Experimental characterization and theoretical investigation of $ZnSm$ co-doped hydroxyapatites. Materials Today Communications, 2022, 31, 102850.	0.9	3
50	Thermal and structural characterization of the kidney stone. Journal of Thermal Analysis and Calorimetry, 2020, 139, 3843-3846.	2.0	2
51	Green Synthesis, Structural, <i>In Vitro</i> and <i>In Vivo</i> Bioactivity Properties of ZnO Nanoparticles for Biomedical Applications. Journal of Biomaterials and Tissue Engineering, 2019, 9, 731-738.	0.0	2
52	Structural and thermal properties of Zn-containing magnesium aluminate spinels obtained by wet chemical method. Materials Science-Poland, 2019, 37, 238-243.	0.4	2
53	The effects of Zn/Fe co-dopants on the structural, thermal, magnetic, and in vitro biocompatibility properties of calcium pyrophosphate ceramics. Physica B: Condensed Matter, 2022, 643, 414123.	1.3	2
54	Dielectric Properties of Calcium Phosphate Ceramics. Medziagotyra, 2016, 22, .	0.1	1

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55	Synthesis and Characterization of Yttrium-Doped Hydroxyapatite Nanoparticles and Their Potential Antimicrobial Activity. Journal of Biomaterials and Tissue Engineering, 2021, 11, 2087-2096.	0.0	1
56	Variation with graphene oxide doping of structural, optical, dielectric and thermal properties of BaCO ₃ :ZnO nanocrystals synthesized by solgel combustion method. Journal of Thermal Analysis and Calorimetry, 2020, 139, 3833-3841.	2.0	1
57	Cu katkılı NaPO ₃ camların sentez ve karakterizasyonu. Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 2019, 6, .	0.1	1
58	Yttrium Katkılı Gadolinyum Oksit Numunelerinin Sentez Ve Karakterizasyonu. Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 0, , .	0.1	0
59	Fe ve Ti katkılı çift fazlı Kalsiyum Fosfatların Sentez ve Karakterizasyonu. Türk Doğa Ve Fen Dergisi, 2021, 10, 89-94.	0.2	0
60	An experimental and theoretical investigation of Co-containing hydroxyapatites prepared at different temperatures. Journal of the Australian Ceramic Society, 0, , .	1.1	0
61	NiO Takviyeli Mn Katkılı Hidroksiapatit Kompozitlerinin Sentez ve Karakterizasyonu. International Journal of Innovative Engineering Applications, 0, , .	0.1	0