

Cengiz Tatar

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Investigation of thermal conductivity and microstructure of the \pm -Al ₂ O ₃ particulate reinforced aluminum composites (Al/Al ₂ O ₃ -MMC) by powder metallurgy method. <i>Physica B: Condensed Matter</i> , 2010, 405, 896-899.	1.3	52
5	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
6	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
7	Investigation of thermodynamic and microstructural characteristics of NiTiCu shape memory alloys produced by arc-melting method. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	36
8	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
9	Gamma irradiation-induced evolution of the transformation temperatures and thermodynamic parameters in a CuZnAl shape memory alloy. <i>Thermochimica Acta</i> , 2005, 437, 121-125.	1.2	20
10	Phase transformation kinetics and microstructure of NiTi shape memory alloy: effect of hydrostatic pressure. <i>Bulletin of Materials Science</i> , 2017, 40, 799-803.	0.8	15
11	Investigation of the effect of pressure on some physical parameters and thermoelastic phase transformation of NiAl alloy. <i>International Journal of Solids and Structures</i> , 2008, 45, 3282-3289.	1.3	13
12	Thermoelastic transition kinetics of a gamma irradiated CuZnAl shape memory alloy. <i>Metals and Materials International</i> , 2012, 18, 909-916.	1.8	13
13	The effects of γ -irradiation on some physical properties of Cu-13.5 wt.%Al-4 wt.%Ni shape memory alloy. <i>Materials Letters</i> , 2005, 59, 3304-3307.	1.3	9
14	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
15	The effect of pressure on transformation temperatures and some physical parameters of Fe-32Mn-6Si-3Cr shape memory alloy. <i>Thermochimica Acta</i> , 2005, 430, 129-133.	1.2	8
16	Preparation and characterization of monetites co-doped with Ni/Al, Ni/Mn and Al/Mn. <i>Materials Letters</i> , 2017, 201, 39-42.	1.3	8
17	The effects of neutron irradiation on oxidation behavior, microstructure and transformation temperatures of Cu-12.7wt.% Al-5wt.% Ni-2wt.% Mn shape memory alloy. <i>Thermochimica Acta</i> , 2005, 433, 56-58.	1.2	6
18	The effect of prior pressure-treatment on the transformation behavior of Fe-32%Mn-6%Si alloy. <i>Materials Letters</i> , 2006, 60, 120-123.	1.3	6

#	ARTICLE	IF	CITATIONS
19	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. Journal of Thermal Analysis and Calorimetry, 2017, 128, 765-770.	2.0	5
20	Investigation of the effect of pressure on thermodynamic properties and thermoelastic phase transformation of CuAlNi alloys: A molecular dynamics study. Current Applied Physics, 2012, 12, 98-104.	1.1	4
21	Heat Treatment Effects on Microstructural and Thermal Properties of High Cu Content NiTiCu Shape Memory Alloy. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 2219-2232.	0.7	2
22	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
23	A self-consistent approach to calculate the electronic structure of disordered alloys. Physica B: Condensed Matter, 2002, 322, 397-402.	1.3	0
24	Phase transformation temperatures and physical characteristics of NiTiCo shape memory alloys produced by arc melting method. European Physical Journal Plus, 2020, 135, 1.	1.2	0
25	An experimental and theoretical investigation of Co-containing hydroxyapatites prepared at different temperatures. Journal of the Australian Ceramic Society, 0, , .	1.1	0