

Khalil Gheisari

List of Publications by Year in descending order

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citations

394421

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47
docs citations

47
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of plasma arc discharge process parameters on the properties of nanocrystalline (Ni, Ti) Ti-6Al-4V. <i>Materials</i> , 2022, 541, 168536.	0.784314	4
2	Effect of Homogenization on Microstructure and Hardness of Arc-Melted FeCoNiMn High Entropy Alloy During High-Pressure Torsion (HPT). <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 5080-5089.	2.5	4
3	MoO ₄ ²⁻ -doped oxidative polymerized pyrrole-graphene oxide core-shell structure synthesis and application for dual-barrier & active functional epoxy-coating construction. <i>Progress in Organic Coatings</i> , 2022, 167, 106845.	3.9	11
4	Enhancing High-Frequency Properties of Nanocrystalline Sputtered Fe Thin Films by Using MnIr Underlayer and Oblique Deposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 1-5.	1.8	2
5	A brief review of the graphene oxide-based polymer nanocomposite coatings: preparation, characterization, and properties. <i>Journal of Coatings Technology Research</i> , 2021, 18, 945-969.	2.5	20
6	Synthesis, characterization, and performance of nanocomposites containing reduced graphene oxide, polyaniline, and cobalt ferrite. <i>Physica B: Condensed Matter</i> , 2021, 612, 412974.	2.7	21
7	Characterization of nanocrystalline Cu _x Fe _{1-x} Fe ₂ O ₄ ferrite powders synthesized via plasma arc discharge process. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, , 168596.	2.3	3
8	Assessment of the chemical composition of LTT fillers on residual stresses, microstructure, and mechanical properties of 410 AISI welded joints. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 807-823.	2.5	2
9	Corrosion mitigation ability of differently synthesized polypyrrole (PPy-FeCl ₃ & PPy-APS) conductive polymers modified with Na ₂ MoO ₄ on mild steel in 3.5% NaCl solution: Comparative study and optimization. <i>Corrosion Science</i> , 2021, 193, 109894.	6.6	26
10	Basic alloy development of low-transformation-temperature fillers for AISI 410 martensitic stainless steel. <i>Science and Technology of Welding and Joining</i> , 2020, 25, 243-250.	3.1	6
11	Microstructural Characterization of Mechanically Alloyed FeCoNiMnV High Entropy Alloy Consolidated by Spark Plasma Sintering. <i>Advanced Engineering Materials</i> , 2020, 22, 1901311.	3.5	2
12	Magnetic properties and thermal stability of nanocrystalline Fe films prepared by oblique sputtering deposition method. <i>Physica B: Condensed Matter</i> , 2020, 595, 412365.	2.7	5
13	Microstructure and high-temperature deformation behavior of FeCoNiMnV high entropy alloy. <i>Materials Chemistry and Physics</i> , 2020, 256, 123675.	4.0	8
14	Investigation of magnetic composites using as photocatalyst and antibacterial application. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108031.	3.9	3
15	Effect of sulfate reducing <i>Citrobacter</i> sp. strain on the corrosion behavior of API X70 microalloyed pipeline steel. <i>Materials Chemistry and Physics</i> , 2019, 236, 121799.	4.0	18
16	Kinetics of recrystallization and microstructure distribution during isothermal annealing of cold rolled nickel. <i>Materials Research Express</i> , 2019, 6, 096504.	1.6	5
17	Structural, microstructural, magnetic and dielectric properties of Ni-Zn ferrite powders synthesized by plasma arc discharge process followed by post-annealing. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 488, 165369.	2.3	21
18	Corrosion behavior of API X70 microalloyed pipeline steel in a simulated soil solution in the absence and presence of aerobic <i>Pseudomonas</i> species. <i>Materials Research Express</i> , 2019, 6, 065409.	1.6	4

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19	Effect of fuel composition and concentration on dielectric properties of bismuth titanate (Bi ₄ Ti ₃ O ₁₂) synthesized by microwave-induced combustion method. <i>Materials Research Express</i> , 2019, 6, 126317.	1.6	2
20	Structural, Magnetic and Dielectric Properties of Nanocrystalline (M = Li and Mg) Ferrites Synthesized via EDTA/EG Assisted Sol-Gel Method. <i>Transactions of the Indian Ceramic Society</i> , 2019, 78, 195-203.	1.0	3
21	Study on phase formation in magnetic FeCoNiMnV high entropy alloy produced by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2019, 773, 623-630.	5.5	54
22	Structure and Magnetic Properties of Ni _{0.77} Fe _{0.16} Cu _{0.05} Cr _{0.02} Doped with Co. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 2365-2373.	1.5	0
23	Effect of cold rolling on the microstructural, magnetic, mechanical, and corrosion properties of AISI 316L austenitic stainless steel. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2018, 25, 630-640.	4.9	40
24	Effect of Annealing Treatments on the Microstructure and Texture Development in API 5L X60 Microalloyed Pipeline Steel. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 2003-2013.	2.5	12
25	Characterization of Ni ferrites powders prepared by plasma arc discharge process. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 421, 44-51.	2.3	14
26	Structure, Microstructure, Magnetic, Electromagnetic, and Dielectric Properties of Nanostructured Mn-Zn Ferrite Synthesized by Microwave-Induced Urea-Nitrate Process. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2523-2534.	1.8	24
27	Al-based magnetic composites produced by accumulative roll bonding (ARB). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 206, 45-54.	3.5	16
28	Dielectric Properties of Nanocrystalline Zn-Doped Lithium Ferrites Synthesized by Microwave-Induced Glycine-Nitrate Process. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 145-151.	1.8	26
29	Structural and Magnetic Properties of Nanocrystalline Lithium-Zinc Ferrite Synthesized by Microwave-Induced Glycine-Nitrate Process. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 1483-1490.	1.8	16
30	Structural evolution and magnetic properties of nanocrystalline magnesium-zinc soft ferrites synthesized by glycine-nitrate combustion process. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 363, 21-25.	2.3	35
31	The effect of sintering temperature on the electromagnetic properties of nanocrystalline MgCuZn ferrite prepared by sol-gel auto combustion method. <i>Materials Letters</i> , 2014, 122, 129-132.	2.6	24
32	Synthesis of Ni-Mn ferrite-chromite nanoparticles through plasma arc discharge. <i>Materials Letters</i> , 2014, 133, 91-93.	2.6	13
33	The effect of non-magnetic Al ³⁺ ions on the structure and electromagnetic properties of MgCuZn ferrite. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 371, 29-34.	2.3	20
34	Structural evolution and magnetic properties of nanocrystalline 50 Permalloy powders prepared by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2013, 574, 71-82.	5.5	31
35	Structure and magnetic properties of ball-mill prepared nanocrystalline Ni-Zn ferrite powders at elevated temperatures. <i>Journal of Alloys and Compounds</i> , 2013, 552, 146-151.	5.5	27
36	The effect of process control agent on the structure and magnetic properties of nanocrystalline mechanically alloyed Fe-45% Ni powders. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 343, 133-137.	2.3	14

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37	Characterization of nanocrystalline Mg _{0.6} Zn _{0.4} Fe ₂ O ₄ soft ferrites synthesized by glycine-nitrate combustion process. Journal of Magnetism and Magnetic Materials, 2013, 329, 165-169.	2.3	66
38	Structure and magnetic properties of nanocrystalline Ni _{0.64} Zn _{0.36} Fe ₂ O ₄ powders prepared by ball milling. Powder Metallurgy, 2013, 56, 216-220.	1.7	3
39	Magnetic and structural studies of the Mn-doped Mg-Zn ferrite nanoparticles synthesized by the glycine nitrate process. Journal of Magnetism and Magnetic Materials, 2012, 324, 3741-3747.	2.3	121
40	The effect of heat treatment on the structure and magnetic properties of mechanically alloyed Fe-45%Ni nanostructured powders. Journal of Alloys and Compounds, 2011, 509, 1020-1024.	5.5	40
41	Application of neural network and genetic algorithm to powder metallurgy of pure iron. Materials & Design, 2011, 32, 3183-3188.	5.1	44
42	Analysis of the magnetic losses in iron-based soft magnetic composites with MgO insulation produced by sol-gel method. Journal of Magnetism and Magnetic Materials, 2010, 322, 3748-3754.	2.3	85
43	Structure and magnetic properties of nanostructured Ni _{0.77} Fe _{0.16} Cu _{0.05} Cr _{0.02} (Mumetal) powders prepared by mechanical alloying. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 157, 53-57.	3.5	14
44	The effect of milling speed on the structural properties of mechanically alloyed Fe-45%Ni powders. Journal of Alloys and Compounds, 2009, 472, 416-420.	5.5	94
45	Magnetic losses of the soft magnetic composites consisting of iron and Ni-Zn ferrite. Journal of Magnetism and Magnetic Materials, 2008, 320, 1544-1548.	2.3	52
46	Failure analysis of welded joints in a power plant exhaust flue. Engineering Failure Analysis, 2006, 13, 527-536.	4.0	10