

S A Seyyed Ebrahimi

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

404
citations

840776

11
h-index

794594

19
g-index

33
all docs

33
docs citations

33
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Properties of Zinc Ferrite Nanoparticles Synthesized by Coprecipitation Method. Journal of Superconductivity and Novel Magnetism, 2014, 27, 1587-1592.	1.8	41
2	Influence of stoichiometry and calcination condition on the microstructure and phase constitution of NiFe ₂ O ₄ powders prepared by sol-gel autocombustion method. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3414-3417.	0.8	37
3	pH-responsive carbon nanotube-based hybrid nanogels as the smart anticancer drug carrier. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1437-1443.	2.8	36
4	Targeted dielectric coating of silver nanoparticles with silica to manipulate optical properties for metasurface applications. Materials Chemistry and Physics, 2022, 287, 126250.	4.0	34
5	Synthesis, Characterization, and Application of Partially Blocked Amine-Functionalized Magnetic Nanoparticles. Langmuir, 2017, 33, 14728-14737.	3.5	24
6	Multifunctional Hybrid Magnetic Microgel Synthesis for Immune-Based Isolation and Post-Isolation Culture of Tumor Cells. ACS Applied Materials & Interfaces, 2019, 11, 24945-24958.	8.0	22
7	Examination the Grain Size Dependence of Exchange Coupling in Oxide-Based SrFe ₁₂ O ₁₉ /Ni _{0.7} Zn _{0.3} Fe ₂ O ₄ Nanocomposites. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2411-2417.	1.8	19
8	Fabrication of Au/Fe ₃ O ₄ /RGO based aptasensor for measurement of miRNA-128, a biomarker for acute lymphoblastic leukemia (ALL). Engineering in Life Sciences, 2022, 22, 519-534.	3.6	19
9	Fe/Sr ratio and calcination temperature effects on processing of nanostructured strontium hexaferrite thin films by a sol-gel method. Research on Chemical Intermediates, 2011, 37, 259-266.	2.7	18
10	L-arginine modified magnetic nanoparticles: green synthesis and characterization. Nanotechnology, 2018, 29, 075706.	2.6	18
11	Soft Magnetic High Entropy FeCoNiCuMn Alloy with Excellent Ductility and High Electrical Resistance. Metals and Materials International, 2022, 28, 556-564.	3.4	13
12	Smart piezoelectric biomaterials for tissue engineering and regenerative medicine: a review. Biomedizinische Technik, 2022, 67, 71-88.	0.8	13
13	Tri-layered alginate/poly(ϵ -caprolactone) electrospun scaffold for cardiac tissue engineering. Polymer International, 2022, 71, 1099-1108.	3.1	11
14	(111)-Oriented Co _{0.8} Fe _{2.2} O ₄ thin film grown by pulsed laser deposition: structural and magnetic properties. Journal of Materials Science, 2013, 48, 6960-6969.	3.7	10
15	Ferroelectric and piezoelectric behavior of (111)-oriented Pb(Zr _x Ti _{1-x})O ₃ thin films on cobalt ferrite nano-seed layered Pt(111)/Si substrate. Journal of Materials Science: Materials in Electronics, 2014, 25, 1696-1702.	2.2	9
16	Effects of High-Energy Ball Milling on the Microwave Absorption Properties of Sr _{0.9} Nd _{0.1} Fe ₁₂ O ₁₉ . Journal of Superconductivity and Novel Magnetism, 2015, 28, 2715-2720.	1.8	9
17	Candle flame-treatment as an effective strategy to enhance the photoelectrochemical properties of Ti-doped hematite thin films. Journal of Materials Chemistry C, 2020, 8, 11950-11961.	5.5	9
18	The optimization effect of different parameters on the super hydrophobicity of prickly-shaped carbonyl iron particles. RSC Advances, 2022, 12, 12760-12772.	3.6	9

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19	Effect of Nd ³⁺ Substitution on the Phase Evolution and Magnetic Properties of W-Type Strontium Hexaferrite. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1273-1278.	1.8	8
20	Sol-gel Synthesis and Characterization of SrFe ₁₂ O ₁₉ /TiO ₂ Nanocomposites. Journal of Superconductivity and Novel Magnetism, 2015, 28, 89-94.	1.8	7
21	The effect of ball milling before and after calcination on the magnetic properties of HTR processed strontium hexaferrite powder. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3284-3287.	0.8	6
22	Enhancement of in-plane magnetic anisotropy in (111)-oriented Co _{0.8} Fe _{2.2} O ₄ thin film by deposition of PZT top layer. Applied Physics A: Materials Science and Processing, 2014, 117, 1153-1160.	2.3	6
23	Efficient targeted cancer cell detection, isolation and enumeration using immuno-nano/hybrid magnetic microgels. Biomaterials Science, 2019, 7, 3359-3372.	5.4	6
24	(111)-Oriented Pb(Zr _{0.52} Ti _{0.48})O ₃ thin film on Pt(111)/Si substrate using CoFe ₂ O ₄ nano-seed layer by pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2013, 24, 3736-3743.	2.2	5
25	EFFECTS OF PROCESSING CONDITIONS ON THE CHARACTERISTICS OF NANO-CRYSTALLINE BARIUM HEXAFERRITE PREPARED BY MECHANICAL ALLOYING METHOD. International Journal of Modern Physics B, 2008, 22, 3127-3132.	2.0	4
26	Magnetic Properties of (111)-Oriented Co _{0.8-x} Mn _x Fe _{2.2} O ₄ (x = 0 ~ 0.3) Thin Films Grown by Pulsed Laser Deposition. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2515-2519.	1.8	4
27	Observation of the Dzyaloshinskii-Moriya interaction via asymmetry in magnetization reversal. Journal Physics D: Applied Physics, 2020, 53, 465001.	2.8	3
28	Oxygen Delivery Approaches to Augment Cell Survival After Myocardial Infarction: Progress and Challenges. Cardiovascular Toxicology, 2022, 22, 207-224.	2.7	2
29	The Synthesis and Characterization of Hard-Soft Mn ₅₂ Al _{45.7} C _{2.3} -Fe Nanocomposite Magnets. Journal of Superconductivity and Novel Magnetism, 0, , 1.	1.8	2
30	Optimized Sol-gel Chemical Route Using Vacuum Suction for Fabrication of Densely Packed NiFe ₂ O ₄ Nanowires. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2743-2748.	1.8	0
31	Effect of Zn substitution on the structural and magnetic properties of densely packed Co _{1-x} Zn _x Fe ₂ O ₄ Nanowires. Iranian Journal of Science and Technology, Transaction A: Science, 2018, 42, 1247-1251.	1.5	0
32	The effects of sintering temperature on structural, electrical, and magnetic properties of MgFe _{1.92} Bi _{0.08} O ₄ . Journal of Electroceramics, 2021, 46, 151-161.	2.0	0
33	NTR PROCESS FOR CONVENTIONAL STRONTIUM HEXAFERRITE POWDER. , 2001, , .		0