Oznur Karaagac

List of Publications by Year
in descending order

40 papers	872 citations	430874 18 h-index	477307 29 g-index
40 all docs	40 docs citations	40 times ranked	993 citing authors

#	Article	IF	Citations
1	Growth of Iron Oxide Nanoparticles by Hydrothermal Process: Effect of Reaction Parameters on the Nanoparticle Size. Journal of Superconductivity and Novel Magnetism, 2015, 28, 823-829.	1.8	84
2	A Simple Way to Synthesize Superparamagnetic Iron Oxide Nanoparticles in Air Atmosphere: Iron Ion Concentration Effect. IEEE Transactions on Magnetics, 2010, 46, 3978-3983.	2.1	72
3	The influence of synthesis parameters on one-step synthesized superparamagnetic cobalt ferrite nanoparticles with high saturation magnetization. Journal of Magnetism and Magnetic Materials, 2019, 473, 262-267.	2.3	69
4	Electrodeposited Niâ€"Co films from electrolytes with different Co contents. Applied Surface Science, 2012, 258, 4005-4010.	6.1	62
5	A simple way to obtain high saturation magnetization for superparamagnetic iron oxide nanoparticles synthesized in air atmosphere: Optimization by experimental design. Journal of Magnetism and Magnetic Materials, 2016, 409, 116-123.	2.3	40
6	Superparamagnetic zinc ferrite: A correlation between high magnetizations and nanoparticle sizes as a function of reaction time via hydrothermal process. Journal of Magnetism and Magnetic Materials, 2019, 474, 282-286.	2.3	40
7	Role of electrolyte pH on structural and magnetic properties of Coâ€"Fe films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1095-1097.	2.3	33
8	Superparamagnetic Cobalt Ferrite Nanoparticles: Effect of Temperature and Base Concentration. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1021-1027.	1.8	33
9	Effect of Synthesis Parameters on the Properties of Superparamagnetic Iron Oxide Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2777-2781.	1.8	31
10	Magnetic Characterizations of Cobalt Oxide Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2783-2787.	1.8	31
11	Iron Oxide Nanoparticles Co-Precipitated in Air Environment: Effect of [Fe^{+2}]/[Fe^{+3}] Ratio. IEEE Transactions on Magnetics, 2012, 48, 1532-1536.	2.1	29
12	Characterisations of CoCu films electrodeposited at different cathode potentials. Journal of Magnetism and Magnetic Materials, 2010, 322, 1098-1101.	2.3	27
13	Superparamagnetic iron oxide nanoparticles: effect of iron oleate precursors obtained with a simple way. Journal of Materials Science: Materials in Electronics, 2013, 24, 3073-3080.	2.2	27
14	Growth of binary Niâ€"Fe films: Characterisations at low and high potential levels. Journal of Magnetism and Magnetic Materials, 2015, 377, 59-64.	2.3	25
15	The Effect of Fe Content in Electrodeposited CoFe/Cu Multilayers on Structural, Magnetic and Magnetoresistance Characterizations. Journal of Nanoscience and Nanotechnology, 2010, 10, 7783-7786.	0.9	23
16	Improvement of the saturation magnetization of PEG coated superparamagnetic iron oxide nanoparticles. Journal of Magnetism and Magnetic Materials, 2022, 551, 169140.	2.3	23
17	Properties of Coâ€"Fe Films: Dependence of Cathode Potentials. IEEE Transactions on Magnetics, 2010, 46, 390-392.	2.1	21
18	Characterisations of CoFeCu films: Influence of Fe concentration. Journal of Alloys and Compounds, 2014, 586, S326-S330.	5.5	21

#	Article	IF	Citations
19	Effects of biocompatible surfactants on structural and corresponding magnetic properties of iron oxide nanoparticles coated by hydrothermal process. Journal of Magnetism and Magnetic Materials, 2019, 474, 332-336.	2.3	18
20	The effects of temperature and reaction time on the formation of manganese ferrite nanoparticles synthesized by hydrothermal method. Journal of Materials Science: Materials in Electronics, 2020, 31, 2567-2574.	2.2	16
21	Electrodeposited NiCoFe films from electrolytes with different Fe ion concentrations. Journal of Magnetism and Magnetic Materials, 2014, 360, 148-151.	2.3	15
22	A simple way to synthesize tartaric acid, ascorbic acid and their mixture coated superparamagnetic iron oxide nanoparticles with high saturation magnetisation and high stability against oxidation: Characterizations and their biocompatibility studies. Journal of Magnetism and Magnetic Materials, 2019, 474, 654-660.	2.3	15
23	A Facile Method to Synthesize Nickel Ferrite Nanoparticles: Parameter Effect. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2359-2369.	1.8	13
24	Electrodeposited Cobalt Films: Alteration Caused by the Electrolyte pH. Journal of Superconductivity and Novel Magnetism, 2011, 24, 801-804.	1.8	12
25	Influence of Co:Cu ratio on properties of Coâ€“Cu films deposited at different conditions. Journal of Magnetism and Magnetic Materials, 2012, 324, 3834-3838.	2.3	12
26	Composition Dependence of Structural and Magnetic Properties of Electrodeposited Co-Cu Films. IEEE Transactions on Magnetics, 2010, 46, 3973-3977.	2.1	10
27	Properties of Iron Oxide Nanoparticles Synthesized atÂDifferentÂTemperatures. Journal of Superconductivity and Novel Magnetism, 2011, 24, 675-678.	1.8	10
28	Optimisation of saturation magnetisation of iron nanoparticles synthesized by hydrogen reduction: Taguchi technique, response surface method, and multiple linear and quadratic regression analyses. Journal of Magnetism and Magnetic Materials, 2019, 473, 190-197.	2.3	9
29	Influence of Deposition Parameters of Novel Vacuum Coating Plant on Evaporated Ni₆₀Fe₄₀ and Ni₈₀Fe₂₀ Films. Sensor Letters, 2009, 7, 220-223.	0.4	8
30	Characterizations of Iron Particles Reduced from Iron Oxide Nanoparticles Under Hydrogen Atmosphere. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1707-1711.	1.8	6
31	Properties of Electrodeposited CoFeNi/Cu Superlattices: The Effect of CoFeNi and Cu Layers Thicknesses. Journal of Superconductivity and Novel Magnetism, 2013, 26, 813-817.	1.8	6
32	The Role of Wheel Surface Quality on Structural and Hard Magnetic Properties of Ndâ€“Feâ€“B Permanent Magnet Powders. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3025-3041.	1.8	6
33	Easy Controlled Properties of Quaternary FeNiCrCd Thin Films Deposited from a Single dc Magnetron Sputtering Under the Influence of Deposition Rate. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3535-3540.	1.8	6
34	Influence of deposition potential on the electrodeposited Ternary CoFeCu films. Journal of Materials Science: Materials in Electronics, 2013, 24, 2562-2567.	2.2	5
35	Novel debittering process of green table olives: application of<i>Î²</i>-glucosidase bound onto superparamagnetic nanoparticles. CYTA - Journal of Food, 2018, 16, 840-847.	1.9	4
36	Contribution of electrolyte pH and deposition potentials to the magnetic anisotropy of electrodeposited nickel films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1088-1091.	2.3	3

#	Article	IF	Citations
37	Electrodeposited CoFeCu films at high and low pH levels: structural and magnetic properties. Journal of Materials Science: Materials in Electronics, 2015, 26, 2090-2094.	2.2	3
38	Reduction and characterizations of iron particles: influence of reduction parameters. Journal of Materials Science: Materials in Electronics, 2013, 24, 2602-2609.	2.2	2
39	2D Magnetic Texture Analysis of Coâ€"Cu Films. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 449-455.	1.5	1
40	Improvement of the saturation magnetisation using Plackettâ€"Burman design and response surface methodology: superparamagnetic iron oxide nanoparticles synthesised by co-precipitation under nitrogen atmosphere. Journal of Materials Science: Materials in Electronics, 2021, 32, 13673-13684.	2.2	1