

# Hamid Reza Madaah Hosseini

## List of Publications by Year in descending order

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111  
papers

2,901  
citations

172207

29  
h-index

223531

46  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3344  
citing authors

#	ARTICLE	IF	CITATIONS
1	An analytical review on Spark Plasma Sintering of metals and alloys: from processing window, phase transformation, and property perspective. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2023, 48, 169-214.	6.8	34
2	Controlled temperature-mediated curcumin release from magneto-thermal nanocarriers to kill bone tumors. <i>Bioactive Materials</i> , 2022, 11, 107-117.	8.6	24
3	Interplay between morphology and band gap energy in Fe-MIL-88A prepared via a high temperature surfactant-assisted solvothermal method. <i>Materials Chemistry and Physics</i> , 2022, 277, 125536.	2.0	6
4	Mixed oxide nanotubes in nanomedicine: A dead-end or a bridge to the future?. <i>Ceramics International</i> , 2021, 47, 2917-2948.	2.3	28
5	Effect of nanostructuring on thermal stability and decomposition of aluminium titanate (Al <sub>2</sub> TiO <sub>5</sub> ): A phase transformation study. <i>Materials Characterization</i> , 2021, 173, 110764.	1.9	13
6	A facile, two-step synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> @Cysteine/graphene quantum dots as a multifunctional nanocomposite. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 849-860.	1.6	30
7	Enhanced TiO <sub>2</sub> Broadband Photocatalytic Activity Based on Very Small Upconversion Nanosystems. <i>Journal of Physical Chemistry C</i> , 2021, 125, 13788-13801.	1.5	19
8	PLGA/TiO <sub>2</sub> nanocomposite scaffolds for biomedical applications: fabrication, photocatalytic, and antibacterial properties. <i>BioImpacts</i> , 2021, 11, 45-52.	0.7	10
9	Physicomechanical Properties of Porous Materials by Spark Plasma Sintering. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2020, 45, 22-65.	6.8	29
10	Investigating the effect of heat treatment on the fracture toughness of a hot extruded Al-Ti composite produced by powder metallurgy route. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 771, 138573.	2.6	8
11	Zeolite-based catalytic micromotors for enhanced biological and chemical water remediation. <i>New Journal of Chemistry</i> , 2020, 44, 19212-19219.	1.4	2
12	Application of nanostructured aluminium titanate (Al <sub>2</sub> TiO <sub>5</sub> ) photocatalyst for removal of organic pollutants from water: Influencing factors and kinetic study. <i>Materials Chemistry and Physics</i> , 2020, 256, 123740.	2.0	11
13	Preparation of nitrogen-doped aluminium titanate (Al <sub>2</sub> TiO <sub>5</sub> ) nanostructures: Application to removal of organic pollutants from aqueous media. <i>Advanced Powder Technology</i> , 2020, 31, 3328-3341.	2.0	14
14	Effect of Synthesis Temperature of Magnetic-Fluorescent Nanoparticles on Properties and Cellular Imaging. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4597-4605.	1.9	3
15	Mechanical modeling of silk fibroin/TiO <sub>2</sub> and silk fibroin/fluoridated TiO <sub>2</sub> nanocomposite scaffolds for bone tissue engineering. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 219-224.	1.3	7
16	Synthesis of magnesium-based Janus micromotors capable of magnetic navigation and antibiotic drug incorporation. <i>New Journal of Chemistry</i> , 2020, 44, 6947-6957.	1.4	11
17	Comprehensive structural and mechanical characterization of in-situ Al-Al <sub>3</sub> Ti nanocomposite modified by heat treatment. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 785, 139351.	2.6	6
18	Effect of Cysteine Substitutions on the Structural and Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> @Cysteine/RGO and Fe <sub>3</sub> O <sub>4</sub> /RGO@Cysteine Nanocomposites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 1299-1306.	0.8	5

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19	A study on the Concentrationâ€dependent Relaxometric Transition in Manganese Oxide Nanocolloid as MRI Contrast Agent. <i>ChemistrySelect</i> , 2019, 4, 7596-7601.	0.7	7
20	RSM based engineering of the critical gelation temperature in magneto-thermally responsive nanocarriers. <i>European Polymer Journal</i> , 2019, 120, 109197.	2.6	6
21	The effect of pH and ionic strength on the transport of alumina nanofluids in water-saturated porous media. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 1169-1179.	2.0	2
22	Preparation, optimization and evolution of the kinetic mechanism of an Fe-MIL-88A metalâ€organic framework. <i>CrystEngComm</i> , 2019, 21, 544-553.	1.3	23
23	Thermomechanical synthesis of hybrid in-situ Al-(Al <sub>3</sub> Ti+Al <sub>2</sub> O <sub>3</sub> ) composites through nanoscale Al-Al <sub>2</sub> TiO <sub>5</sub> reactive system. <i>Journal of Alloys and Compounds</i> , 2019, 789, 493-505.	2.8	12
24	In Situ Hybrid Aluminum Matrix Composites: A Review of Phase Transformations and Mechanical Aspects. <i>Advanced Engineering Materials</i> , 2019, 21, 1801269.	1.6	32
25	Effect of Oxidizing Atmosphere on the Surface of Titanium Dental Implant Material. <i>Journal of Bionic Engineering</i> , 2019, 16, 1052-1060.	2.7	5
26	Investigating the effects of pH, surfactant and ionic strength on the stability of alumina/water nanofluids using DLVO theory. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 1185-1196.	2.0	56
27	Polyethylene glycol-coated porous magnetic nanoparticles for targeted delivery of chemotherapeutics under magnetic hyperthermia condition. <i>International Journal of Hyperthermia</i> , 2019, 36, 104-114.	1.1	46
28	Thermal stability and strain sensitivity of nanostructured aluminum titanate (Al <sub>2</sub> TiO <sub>5</sub> ). <i>Materials Chemistry and Physics</i> , 2019, 223, 202-208.	2.0	34
29	Morphology Modification of the Iron Fumarate MILâ€88A Metalâ€Organic Framework Using Formic Acid and Acetic Acid as Modulators. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1909-1915.	1.0	40
30	Evaluation of Bioactivity and Biocompatibility of Silk Fibroin/TiO <sub>2</sub> Nanocomposite. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 99-105.	1.0	5
31	Novel fluoridated silk fibroin/ TiO <sub>2</sub> nanocomposite scaffolds for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2018, 82, 265-276.	3.8	34
32	Silver oxide nanoparticles-decorated tantalum nanotubes for enhanced antibacterial activity and osseointegration of Ti6Al4V. <i>Materials and Design</i> , 2018, 154, 28-40.	3.3	43
33	Highly-ordered TiO <sub>2</sub> nanotubes decorated with Ag <sub>2</sub> O nanoparticles for improved biofunctionality of Ti6Al4V. <i>Surface and Coatings Technology</i> , 2018, 349, 1008-1017.	2.2	44
34	Are aluminium titanate-based nanostructures new photocatalytic materials? Possibilities and perspectives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 316-324.	2.0	21
35	Iron-borosilicate soft magnetic composites: The correlation between processing parameters and magnetic properties for high frequency applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 429, 241-250.	1.0	33
36	Evolution of microstructure and mechanical properties of Al-5 wt% Ti composite fabricated by P/M and hot extrusion: Effect of heat treatment. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 689, 166-175.	2.6	29

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37	Effect of Iron Particles Size on the High-Frequency Magnetic Properties of Iron-Borosilicate Soft Magnetic Composites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 3085-3090.	0.8	5
38	Optimized composition of nanocomposite scaffolds formed from silk fibroin and nano-TiO <sub>2</sub> for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 79, 783-792.	3.8	38
39	Anti-HER2 VHH Targeted Magnetoliposome for Intelligent Magnetic Resonance Imaging of Breast Cancer Cells. <i>Cellular and Molecular Bioengineering</i> , 2017, 10, 263-272.	1.0	24
40	Physicomechanical properties of spark plasma sintered carbon nanotube-reinforced metal matrix nanocomposites. <i>Progress in Materials Science</i> , 2017, 90, 276-324.	16.0	118
41	The effect of superparamagnetic iron oxide nanoparticles surface engineering on relaxivity of magnetoliposome. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 340-349.	0.4	14
42	Enhancing sonocatalytic properties of TiO <sub>2</sub> nanocatalysts by controlling the surface conditions: effect of particle size and PVA modification. <i>Desalination and Water Treatment</i> , 2016, 57, 28378-28385.	1.0	10
43	On the fracture toughness behavior of in-situ Al-Ti composites produced via mechanical alloying and hot extrusion. <i>Journal of Alloys and Compounds</i> , 2016, 681, 12-21.	2.8	30
44	Impact of Morphology and Nitrogen and Carbon Codoping on Photocatalytic Activity of TiO <sub>2</sub> as Environmental Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 12205-12212.	1.8	11
45	Fabrication of high strength in-situ Al-Al <sub>3</sub> Ti nanocomposite by mechanical alloying and hot extrusion: Investigation of fracture toughness. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 658, 246-254.	2.6	33
46	Finemet nanocrystalline soft magnetic alloy: Investigation of glass forming ability, crystallization mechanism, production techniques, magnetic softness and the effect of replacing the main constituents by other elements. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 408, 177-192.	1.0	90
47	Fabrication of FINEMET bulk alloy from amorphous powders by spark plasma sintering. <i>Powder Technology</i> , 2016, 289, 163-168.	2.1	24
48	Rapid microwave-assisted synthesis of PVP-coated ultrasmall gadolinium oxide nanoparticles for magnetic resonance imaging. <i>Chemical Physics</i> , 2015, 453-454, 35-41.	0.9	31
49	Synthesis of magnetic mesoporous nanocomposites: A promising candidate for diagnostic and therapeutic biomedical applications. <i>Materials Chemistry and Physics</i> , 2015, 167, 201-208.	2.0	6
50	Magnetic domain regime-controlled synthesis of nickel nano-particles by applying statistical experimental design in modified polyol process. <i>Materials Chemistry and Physics</i> , 2015, 168, 117-121.	2.0	5
51	The effect of mechanical milling on the soft magnetic properties of amorphous FINEMET alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 381, 322-327.	1.0	21
52	A new method for fabrication of in situ Al/Al <sub>3</sub> Ti-Al <sub>2</sub> O <sub>3</sub> nanocomposites based on thermal decomposition of nanostructured tialite. <i>Journal of Alloys and Compounds</i> , 2015, 643, 64-73.	2.8	33
53	Nanostructured aluminium titanate (Al <sub>2</sub> TiO <sub>5</sub> ) particles and nanofibers: Synthesis and mechanism of microstructural evolution. <i>Materials Characterization</i> , 2015, 103, 125-132.	1.9	20
54	Mechanism of Mechanically Induced Nanocrystallization of Amorphous FINEMET Ribbons During Milling. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 2718-2725.	1.1	12

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55	Thermal decomposition of nanostructured Aluminum Titanate in an active Al matrix: A novel approach to fabrication of in situ Al/Al <sub>2</sub> O <sub>3</sub> @Al <sub>3</sub> Ti composites. <i>Materials and Design</i> , 2015, 88, 932-941.	3.3	24
56	Investigation the Structural and Magnetic Properties of FINEMET Type Alloy Produced by Mechanical Alloying. <i>Advanced Materials Research</i> , 2014, 970, 252-255.	0.3	2
57	Improved Efficiency of Dye-Sensitized Solar Cells Based on a Single Layer Deposition of Skein-Like $\text{TiO}_2$ Nanotubes. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2873-2879.	1.9	5
58	Effects of Ti-based catalysts on hydrogen desorption kinetics of nanostructured magnesium hydride. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 21007-21014.	3.8	48
59	Effect of annealing on soft magnetic behavior of nanostructured (Fe <sub>0.5</sub> Co <sub>0.5</sub> ) <sub>73.5</sub> Si <sub>13.5</sub> B <sub>9</sub> Nb <sub>3</sub> Cu <sub>1</sub> ribbons. <i>Journal of Alloys and Compounds</i> , 2014, 582, 79-82.	2.8	25
60	Application of the statistical Taguchi method to optimize TiO <sub>2</sub> nanoparticles synthesis by the hydrothermal assisted sol-gel technique. <i>Ceramics International</i> , 2014, 40, 4193-4201.	2.3	61
61	Nanocrystallization kinetics and magnetic properties of the melt spun amorphous (Fe <sub>0.5</sub> Co <sub>0.5</sub> ) <sub>77</sub> Si <sub>11</sub> B <sub>9</sub> Cu <sub>0.6</sub> Nb <sub>2.4</sub> alloy. <i>Thermochimica Acta</i> , 2014, 575, 64-69.	1.2	8
62	Synthesizing and staining manganese oxide nanoparticles for cytotoxicity and cellular uptake investigation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 428-433.	1.1	27
63	Mortality response of folate receptor-activated, PEG-functionalized TiO <sub>2</sub> nanoparticles for doxorubicin loading with and without ultraviolet irradiation. <i>Ceramics International</i> , 2014, 40, 5481-5488.	2.3	31
64	An investigation on the optimum conditions of synthesizing a magnetite based ferrofluid as MRI contrast agent using Taguchi method. <i>Materials Science-Poland</i> , 2013, 31, 253-258.	0.4	5
65	Kinetics of magnetite nanoparticles formation in a one step low temperature hydrothermal process. <i>Ceramics International</i> , 2013, 39, 4999-5005.	2.3	17
66	Formation of intermetallic reaction layer and joining strength in nano-composite solder joint. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 839-847.	1.1	6
67	On the effect of cooling rate during melt spinning of FINEMET ribbons. <i>Nanoscale</i> , 2013, 5, 7520.	2.8	18
68	Colloidal stability of dextran and dextran/poly ethylene glycol coated TiO <sub>2</sub> nanoparticles by hydrothermal assisted sol-gel method. <i>Ceramics International</i> , 2013, 39, 8377-8384.	2.3	17
69	Effects of chemical composition on nanocrystallization kinetics, microstructure and magnetic properties of finemet-type amorphous alloys. <i>Metals and Materials International</i> , 2013, 19, 643-649.	1.8	12
70	Effect of concentration on hydrodynamic size of magnetite-based ferrofluid as a potential MRI contrast agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 424, 113-117.	2.3	12
71	Modeling of self-controlling hyperthermia based on nickel alloy ferrofluids: Proposition of new nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 335, 59-63.	1.0	11
72	Effect of Coating Materials on Lymph Nodes Detection Using Magnetite Nanoparticles. <i>Advanced Science, Engineering and Medicine</i> , 2013, 5, 37-45.	0.3	15

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73	Ceria reinforced nanocomposite solder foils fabricated by accumulative roll bonding process. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1698-1704.	1.1	25
74	Long-term investigation on the phase stability, magnetic behavior, toxicity, and MRI characteristics of superparamagnetic Fe/Fe-oxide core/shell nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012, 439, 28-40.	2.6	28
75	Characterization of Cysteine Coated Magnetite Nanoparticles as MRI Contrast Agent. <i>Nano-Micro Letters</i> , 2012, 4, 180-183.	14.4	9
76	The effect of cationic and anionic surfactants on the nanostructure and magnetic properties of Yttrium Iron Garnet (YIG) synthesized by a sol-gel auto combustion method. <i>Russian Journal of Non-Ferrous Metals</i> , 2012, 53, 308-314.	0.2	6
77	Synthesis of FeNiCoTi Powder Alloy by Mechanical Alloying and Investigation of Magnetic and Shape Memory Properties. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1893-1899.	0.8	1
78	Nanoindentation Creep Behavior of Nanocomposite Sn-Ag-Cu Solders. <i>Journal of Electronic Materials</i> , 2012, 41, 2057-2064.	1.0	24
79	The effect of poly(ethylene glycol) coating on colloidal stability of superparamagnetic iron oxide nanoparticles as potential MRI contrast agent. <i>International Journal of Pharmaceutics</i> , 2012, 433, 129-141.	2.6	119
80	Ultrasonic-assisted synthesis of magnetite based MRI contrast agent using cysteine as the biocapping coating. <i>Materials Chemistry and Physics</i> , 2011, 131, 170-177.	2.0	34
81	A simple model for the size and shape dependent Curie temperature of freestanding Ni and Fe nanoparticles based on the average coordination number and atomic cohesive energy. <i>Chemical Physics</i> , 2011, 383, 1-5.	0.9	18
82	Role of tandem submerged arc welding thermal cycles on properties of the heat affected zone in X80 microalloyed pipe line steel. <i>Journal of Materials Processing Technology</i> , 2011, 211, 368-375.	3.1	71
83	Effect of tandem submerged arc welding process and parameters of Gleeble simulator thermal cycles on properties of the intercritically reheated heat affected zone. <i>Materials &amp; Design</i> , 2011, 32, 869-876.	5.1	61
84	Effects of particle size, shape and crystal structure on the formation energy of Schottky vacancies in free-standing metal nanoparticles: A model study. <i>Physica B: Condensed Matter</i> , 2011, 406, 3777-3780.	1.3	12
85	Welding Characteristics of Ultrahigh Strength Steel in Annealed and Quench-Tempered Conditions. <i>Journal of Materials Engineering and Performance</i> , 2010, 19, 963-969.	1.2	10
86	Influence of annealing on the electrochemical behavior of finemet amorphous and nanocrystalline alloy. <i>Journal of Materials Science</i> , 2010, 45, 546-551.	1.7	6
87	Failure analysis of brazed air passages of an aircraft fuel system. <i>Engineering Failure Analysis</i> , 2010, 17, 1495-1499.	1.8	10
88	Study of nanocrystallization in FINEMET alloy by active screen plasma nitriding. <i>Journal of Alloys and Compounds</i> , 2010, 491, 487-494.	2.8	10
89	An investigation on the soldering of Al 3003/Zn sheets. <i>Materials Characterization</i> , 2009, 60, 441-446.	1.9	15
90	Advanced isoconversional kinetics of nanocrystallization in Fe <sub>73.5</sub> Si <sub>13.5</sub> B <sub>9</sub> Nb <sub>3</sub> Cu <sub>1</sub> alloy. <i>Thermochimica Acta</i> , 2009, 494, 80-85.	1.2	18

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91	Micro structural features and mechanical properties of Al <sup>3+</sup> Al <sub>3</sub> Ti composite fabricated by in-situ powder metallurgy route. <i>Journal of Alloys and Compounds</i> , 2009, 473, 127-132.	2.8	125
92	Characterization of mechanically alloyed Fe <sub>100-x</sub> Si <sub>x</sub> and Fe <sub>83.5</sub> Si <sub>13.5</sub> Nb <sub>3</sub> nanocrystalline powders. <i>Journal of Materials Processing Technology</i> , 2008, 203, 554-560.	3.1	41
93	The dependency of optical properties on density for hot pressed MgF <sub>2</sub> . <i>Infrared Physics and Technology</i> , 2008, 51, 546-549.	1.3	13
94	The influence of roll bonding parameters on the bond strength of Al-3003/Zn soldering sheets. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 487, 417-423.	2.6	61
95	Preparation and Characterization of Nanocrystalline Mischmetal-Substituted Yttrium Iron Garnet Powder by the Sol-Gel Combustion Process. <i>International Journal of Applied Ceramic Technology</i> , 2008, 5, 464-468.	1.1	8
96	The effects of Misch-Metal oxide addition on magnetic properties and crystal structure of Sr <sub>1-x</sub> MM <sub>x</sub> Fe <sub>12</sub> O <sub>19</sub> ferrite. <i>Journal of Alloys and Compounds</i> , 2008, 448, 284-286.	2.8	7
97	The role of reactants and droplet interfaces on nucleation and growth of ZnO nanorods synthesized by vapor-liquid-solid (VLS) mechanism. <i>Journal of Alloys and Compounds</i> , 2008, 455, 353-357.	2.8	63
98	Effect of processing parameters on electrical, mechanical and magnetic properties of iron-resin soft magnetic composite. <i>Powder Metallurgy</i> , 2007, 50, 86-90.	0.9	19
99	Preparation and characterization of yttrium iron garnet (YIG) nanocrystalline powders by auto-combustion of nitrate-citrate gel. <i>Journal of Alloys and Compounds</i> , 2007, 430, 339-343.	2.8	91
100	A diffusion-controlled kinetic model for growth of Au-catalyzed ZnO nanorods: Theory and experiment. <i>Journal of Crystal Growth</i> , 2007, 309, 70-75.	0.7	13
101	A study on the corrosion behavior of the (Nd, MM) <sub>2</sub> (Fe, Co, Ni) <sub>14</sub> B-type sintered magnets. <i>Journal of Alloys and Compounds</i> , 2006, 419, 337-341.	2.8	20
102	The correlations between processing parameters and magnetic properties of an iron-resin soft magnetic composite. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 305, 147-151.	1.0	117
103	Synthesis of nanocrystalline yttrium iron garnets by sol-gel combustion process: The influence of pH of precursor solution. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 129, 211-215.	1.7	55
104	The effects of MM <sub>38.2</sub> Co <sub>46.4</sub> Ni <sub>15.4</sub> alloy additions on the mechanical properties of a Nd <sub>12.8</sub> Fe <sub>79.8</sub> B <sub>7.4</sub> -type sintered magnet. <i>Materials Letters</i> , 2006, 60, 555-558.	1.3	8
105	Structural and soft magnetic properties of nanocrystalline Fe <sub>85</sub> Si <sub>10</sub> Ni <sub>5</sub> powders prepared by mechanical alloying. <i>Materials Letters</i> , 2006, 60, 1068-1070.	1.3	24
106	Preparation of nanocrystalline Fe-Si-Ni soft magnetic powders by mechanical alloying. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 123, 74-79.	1.7	43
107	Effective parameters modeling in compression of an austenitic stainless steel using artificial neural network. <i>Computational Materials Science</i> , 2005, 34, 335-341.	1.4	33
108	The role of milling atmosphere on microstructure and magnetic properties of a Nd <sub>12.8</sub> Fe <sub>79.8</sub> B <sub>7.4</sub> -type sintered magnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 281, 92-96.	1.0	6



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109	Cold roll bonding of 5754-aluminum strips. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 335, 186-190.	2.6	59
110	A correlation between intrinsic coercivityâ€œelectrical conductivityâ€œthermal treatment in a Nd <sub>11.9</sub> MM <sub>2.9</sub> Fe <sub>73.9</sub> Co <sub>3.3</sub> Ni <sub>1.1</sub> B <sub>6.9</sub> -type magnet. Journal of Alloys and Compounds, 2001, 314, 251-256.	2.8	2
111	Production of (Nd,MM) <sub>2</sub> (Fe,Co,Ni) <sub>14</sub> B-type sintered magnets using a binary powder blending technique. Journal of Alloys and Compounds, 2000, 298, 319-323.	2.8	15