

Yousef Haik

List of Publications by Year in descending order

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147
papers

5,207
citations

117625

34
h-index

95266

68
g-index

148
all docs

148
docs citations

148
times ranked

6890
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and thermal characterization of polypropylene-reinforced nanocrystalline cellulose nanocomposites. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 680-691.	4.2	4
2	S doped Cu ₂ O-CuO nanoneedles array: Free standing oxygen evolution electrode with high efficiency and corrosion resistance for seawater splitting. <i>Catalysis Today</i> , 2022, 400-401, 14-25.	4.4	36
3	Au nanocluster coupling with Gd-Co ₂ B nanoflakes embedded in reduced TiO ₂ nanosheets: Seawater electrolysis at low cell voltage with high selectivity and corrosion resistance. <i>Applied Catalysis B: Environmental</i> , 2022, 301, 120836.	20.2	65
4	Fabrication of Ag ₂ O/WO ₃ based sensors for detection of hydrogen sulfide. <i>Sensors and Actuators A: Physical</i> , 2022, 333, 113256.	4.1	11
5	Exosomes Derived Neuronal Markers: Immunoaffinity Isolation and Characterization. <i>NeuroMolecular Medicine</i> , 2022, 24, 339-351.	3.4	18
6	Multifunctional porous NiCo bimetallic foams toward water splitting and methanol oxidation-assisted hydrogen production. <i>Energy Conversion and Management</i> , 2022, 254, 115262.	9.2	29
7	Electronic and Structural Modification of Mn ₃ O ₄ Nanosheets for Selective and Sustained Seawater Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20443-20454.	8.0	33
8	Biogenesis of Exosomes Laden with Metallic Silver-Copper Nanoparticles Liaised by Wheat Germ Agglutinin for Targeted Delivery of Therapeutics to Breast Cancer. <i>Advanced Biology</i> , 2022, , 2200005.	2.5	4
9	Ni _x -Fe _x Nanoclusters Anchored on g-C ₃ N ₄ Sheets for Selective Seawater Oxidation with High Corrosion Resistance. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6622-6632.	6.7	22
10	Mechanical and thermal characterization of grafted PP-NCC nanocomposites. <i>Journal of Thermoplastic Composite Materials</i> , 2021, 34, 1666-1679.	4.2	3
11	Study of the magnetocaloric effect in single-phase antiferromagnetic GdMnO ₃ . <i>Journal of Physics and Chemistry of Solids</i> , 2021, 149, 109798.	4.0	13
12	Electrocatalysis for the Water Splitting: Recent Strategies for Improving the Performance of Electrocatalyst. , 2021, , 315-339.		1
13	Optoelectronic properties of highly porous silver oxide thin film. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	41
14	Large magnetocaloric entropy change in ferrimagnetic Er _{1-x} Co ₂ systems at cryogenic temperatures: the role of erbium deficiency. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	4
15	A comparative study of the physical properties of Pr _{0.63} La _{0.37} ^x Sr _x MnO ₃ (xSr = 0.00-0.30) characterized by $\mu_0 H_{dc}$ magnetizations. <i>AIP Advances</i> , 2021, 11, .	1.3	4
16	Effect of doping concentration and heat treatment on the refrigerant capacity of Pr _{0.63} Dy _{0.37-x} Sr _x MnO ₃ . <i>Current Applied Physics</i> , 2021, 28, 35-44.	2.4	1
17	Circulating Exosomes of Neuronal Origin as Potential Early Biomarkers for Development of Stroke. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 163-180.	3.8	14
18	Gd-Doped Ni-Oxychloride Nanoclusters: New Nanoscale Electrocatalysts for High-Performance Water Oxidation through Surface and Structural Modification. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 468-479.	8.0	33

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19	Functionalized-CNT Polymer Composite for Microwave and Electromagnetic Shielding. <i>Polymers</i> , 2021, 13, 3907.	4.5	5
20	Effects of the sintering temperature on the La _{0.63} Gd _{0.37} MnO ₃ structure and magnetic properties. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	7
21	Regulatory T cells engineered with TCR signaling-responsive IL-2 nanogels suppress alloimmunity in sites of antigen encounter. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	39
22	Synthesis and analysis of silver-copper alloy nanoparticles of different ratios manifest anticancer activity in breast cancer cells. <i>Cancer Nanotechnology</i> , 2020, 11, .	3.7	13
23	Oxidation of Au/Ag films by oxygen plasma: phase separation and generation of nanoporosity. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1608-1614.	2.8	2
24	Enhancement of the Magnetotransport Behavior in a Phase-Separated LaAgCaMnO ₃ Polycrystalline: Unraveling the Role of a Multi-Double-Exchange Mechanism. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23324-23332.	3.1	20
25	Surface Assembling of Highly Interconnected and Vertically Aligned Porous Nanosheets of Gd ³⁺ CoB on TiO ₂ Nanoflowers for Durable Methanol oxidation Reaction. <i>ChemCatChem</i> , 2020, 12, 3585-3597.	3.7	18
26	CTLA4-Ig (abatacept): a promising investigational drug for use in type 1 diabetes. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 221-236.	4.1	27
27	Gold-Supported Gadolinium Doped CoB Amorphous Sheet: A New Benchmark Electrocatalyst for Water Oxidation with High Turnover Frequency. <i>Advanced Functional Materials</i> , 2020, 30, 1910309.	14.9	59
28	Unconventional critical behavior of the magnetic refrigerant system Er _{0.98} -j _{0.02} Co ₂ around its ferromagnetic-paramagnetic transition. <i>Physica Scripta</i> , 2020, 95, 055811.	2.5	1
29	Boron doped silver-copper alloy nanoparticle targeting intracellular <i>S. aureus</i> in bone cells. <i>PLoS ONE</i> , 2020, 15, e0231276.	2.5	13
30	Effect of doping concentration on Gd _{1-x} Al _x MnO ₃ structure and magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 513, 167009.	2.3	8
31	AgCuB nanoparticle eradicates intracellular <i>S. aureus</i> infection in bone cells: in vitro. <i>Emergent Materials</i> , 2019, 2, 219-231.	5.7	7
32	Mechanical and thermal characterization of functionalized maleic anhydride grafted polypropylene. <i>Materials Research Express</i> , 2019, 6, 105367.	1.6	2
33	Patterning of silver on the micro- and nano-scale by local oxidation using air plasma. <i>Nano Structures Nano Objects</i> , 2019, 19, 100320.	3.5	4
34	Thermal analysis of erbium charge storage nanoparticles embedded in organic MIS structure. <i>Materials Research Express</i> , 2019, 6, 075036.	1.6	0
35	Sodium Methoxide Catalyzed Depolymerization of Waste Polyethylene Terephthalate Under Microwave Irradiation. <i>Catalysis in Industry</i> , 2018, 10, 41-48.	0.7	12
36	Selective gas sensors using graphene and CuO nanorods. <i>Sensors and Actuators A: Physical</i> , 2018, 283, 107-112.	4.1	52

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37	Glucose-Mediated Insulin Release Carrier. <i>Polymer Science - Series A</i> , 2018, 60, 618-627.	1.0	2
38	Doped conductive polymers and single-walled carbon nanotubes as charge storage devices. <i>Materials Research Express</i> , 2018, 5, 095023.	1.6	0
39	Targeting antigen-presenting cells by anti-PD-1 nanoparticles augments antitumor immunity. <i>JCI Insight</i> , 2018, 3, .	5.0	48
40	Targeted delivery of immune therapeutics to lymph nodes prolongs cardiac allograft survival. <i>Journal of Clinical Investigation</i> , 2018, 128, 4770-4786.	8.2	59
41	Investigating of Negative Magnetization in Aggregates of $Mn_{0.5}Zn_{0.5}Gd_xFe_{2-x}O_4$ Ferrite Nanoparticles. <i>Nanoscience and Nanotechnology Letters</i> , 2018, 10, 1451-1457.	0.4	0
42	Metallic nanoparticles to eradicate bacterial bone infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2241-2250.	3.3	35
43	Characterization of CdS and AgPt nanofillers used in organic capacitors. <i>Synthetic Metals</i> , 2017, 223, 26-33.	3.9	5
44	Kirkendall Effect vs Corrosion of Silver Nanocrystals by Atomic Oxygen: From Solid Metal Silver to Nanoporous Silver Oxide. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19497-19504.	3.1	22
45	Synthesis and analysis of iron-doped CNT/PU composites for microwave applications. , 2017, , .		0
46	Reactive Extrusion of Polyethylene Terephthalate Waste and Investigation of Its Thermal and Mechanical Properties after Treatment. <i>International Journal of Chemical Engineering</i> , 2017, 2017, 1-10.	2.4	13
47	Selective H ₂ S sensor based on CuO nanoparticles embedded in organic membranes. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 593-600.	7.8	133
48	Storage of energy harvested from a miniature turbine in a novel organic capacitor. <i>Journal of Energy Storage</i> , 2016, 6, 232-238.	8.1	15
49	Acute systemic exposure to silver-based nanoparticles induces hepatotoxicity and NLRP3-dependent inflammation. <i>Nanotoxicology</i> , 2016, 10, 1061-1074.	3.0	42
50	PbS/CdS heterojunction quantum dot solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3328-3340.	2.2	10
51	Microwave assisted glycolysis of poly(ethylene terephthalate) catalyzed by 1-butyl-3-methylimidazolium bromide ionic liquid. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	12
52	Temperature Dependence of Saturation Magnetization and Coercivity in $Mn_{0.5}Zn_{0.5}Gd_{0.02}Fe_{1.98}O_4$ Ferrite Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 92, 012012.	0.6	13
53	Investigating Negative Magnetization and Blocking Temperature in Aggregates of Ferrite Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 92, 012011.	0.6	7
54	Magnetic Properties of Magnetic Nanoparticles for Efficient Hyperthermia. <i>Nanomaterials</i> , 2015, 5, 63-89.	4.1	368

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55	High and Low Speed Impact Characteristics of Nanocomposites. <i>Advanced Materials Research</i> , 2015, 1105, 62-66.	0.3	2
56	Enhancing the performance of Mg-Al brine water batteries using conductive polymer-PEDOT:PSS. <i>Renewable Energy</i> , 2015, 82, 125-130.	8.9	2
57	Growth of microalgae using CO ₂ enriched air for biodiesel production in supercritical CO ₂ . <i>Renewable Energy</i> , 2015, 82, 61-70.	8.9	67
58	Pipeline Parameter Identification and Leak Localization Using Experimental Data. , 2014, , .		0
59	Role of nanofillers in low speed impact enhancement of composites. <i>Journal of Composite Materials</i> , 2014, 48, 1735-1744.	2.4	5
60	Influence of reactant concentration on optical properties of ZnO nanoparticles. <i>Materials Technology</i> , 2014, 29, 76-82.	3.0	8
61	Combustion of waste chocolate oil biofuel in a diesel engine. <i>International Journal of Ambient Energy</i> , 2014, 35, 60-70.	2.5	6
62	NMR relaxation in systems with magnetic nanoparticles: A temperature study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 648-655.	3.4	8
63	Synthesis and optical properties of colloidal CuO nanoparticles. <i>Journal of Luminescence</i> , 2014, 151, 149-154.	3.1	163
64	Effective extraction of microalgae lipids from wet biomass for biodiesel production. <i>Biomass and Bioenergy</i> , 2014, 66, 159-167.	5.7	176
65	Novel hydrogen gas sensor based on Pd and SnO ₂ nanoclusters. <i>Materials Letters</i> , 2014, 128, 354-357.	2.6	46
66	Novel organic memory devices using Au-Pt-Ag nanoparticles as charge storage elements. <i>Materials Letters</i> , 2014, 124, 67-72.	2.6	26
67	Supercritical carbon dioxide extraction of microalgae lipid: Process optimization and laboratory scale-up. <i>Journal of Supercritical Fluids</i> , 2014, 86, 57-66.	3.2	103
68	Mass transfer modeling of <i>Scenedesmus</i> sp. lipids extracted by supercritical CO ₂ . <i>Biomass and Bioenergy</i> , 2014, 70, 530-541.	5.7	13
69	Enzymatic biodiesel production of microalgae lipids under supercritical carbon dioxide: Process optimization and integration. <i>Biochemical Engineering Journal</i> , 2014, 90, 103-113.	3.6	47
70	Quantum Confinement Effects on Electronic Properties of ZnO Quantum Dots. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 1158-1166.	0.3	2
71	Magnetic Nanoparticles: Surface Effects and Properties Related to Biomedicine Applications. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21266-21305.	4.1	871
72	Heat transfer characteristics of multi-walled carbon nanotubes suspension in a developing channel flow. <i>Heat and Mass Transfer</i> , 2013, 49, 1681-1687.	2.1	5

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73	Nano-floating gate organic memory devices utilizing Ag@Cu nanoparticles embedded in PVA-PAA-glycerol polymer. <i>Synthetic Metals</i> , 2013, 183, 24-28.	3.9	33
74	Experimental investigation of the low speed impact characteristics of nanocomposites. <i>Materials & Design</i> , 2013, 47, 836-841.	5.1	13
75	Electrical properties of sorbitol-doped poly(vinyl alcohol)-poly(acrylamide-co-acrylic acid) polymer membranes. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3861-3869.	2.6	23
76	Physical properties of PVA doped with algal glycerol. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4482-4489.	2.6	17
77	Thermally Reversible Nanoparticle Aggregation Explains Magnetic Moment Increase with Temperature. <i>Current Nanoscience</i> , 2013, 9, 381-386.	1.2	1
78	Leak Localization in Pipelines via Computational Pipeline Monitoring. <i>Journal of Pressure Vessel Technology</i> , <i>Transactions of the ASME</i> , 2012, 134, 041701.	0.6	5
79	Pathogen detection using single tunnel junction sensor (STJ) with magnetic nano particles. , 2012, , .		0
80	Self-Controlled Hyperthermia Characteristics of ZnGdFe Nanoparticles. <i>IEEE Transactions on Magnetism</i> , 2012, 48, 2430-2439.	2.1	9
81	MnZnFe nanoparticles for self-controlled magnetic hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 3620-3628.	2.3	56
82	Bowling Character in Wurtzite ZnO-Based Ternary Alloys. <i>Journal of Electronic Materials</i> , 2012, 41, 3111-3118.	2.2	7
83	Nanoparticles rapidly assess specific IgE in plasma. <i>Nanotechnology</i> , 2012, 23, 305101.	2.6	8
84	CFD simulation for biomagnetic separation involving dilute suspensions. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 1450-1456.	1.7	6
85	Investigations on electrical properties of poly(vinyl alcohol) doped with 1-methyl-3-n-decyl-imidazolium bromide ionic liquid. <i>Current Applied Physics</i> , 2012, 12, 1223-1228.	2.4	34
86	Transverse strength enhancement of carbon fiber reinforced polymer composites by means of magnetically aligned carbon nanotubes. <i>Materials & Design</i> , 2012, 34, 379-383.	5.1	48
87	Alteration of the mechanical and thermal properties of nylon 6/nylon 6,6 blends by nanoclay. <i>Journal of Applied Polymer Science</i> , 2012, 124, 1880-1890.	2.6	26
88	Finite Size and Surface Effects in Ferrite Nanoparticles. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2012, 2, 325-331.	0.3	4
89	On Identification of Leaky Pipeline Parameters via Monte Carlo Simulation. , 2011, , .		1
90	CFD simulation of the magnetophoretic separation in a microchannel. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 2960-2967.	2.3	27

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91	Numerical simulation of the continuous biomagnetic separation in a two-dimensional channel. International Journal of Multiphase Flow, 2011, 37, 947-955.	3.4	21
92	PEG coating reduces NMR relaxivity of Mn^{2+} Zn^{2+} Gd^{3+} Fe^{3+} O_3 hybrid nanoparticles. Journal of Magnetic Resonance Imaging, 2011, 34, 1192-1198.	4.8	43
93	Thermal and mechanical properties of poly(vinyl alcohol) plasticized with glycerol. Journal of Applied Polymer Science, 2011, 122, 3102-3109.	2.6	136
94	Combustion of algae oil methyl ester in an indirect injection diesel engine. Energy, 2011, 36, 1827-1835.	8.8	133
95	Thermomechanical properties of poly(vinyl alcohol) plasticized with varying ratios of sorbitol. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 925-930.	5.6	66
96	A Review of Enzymatic Transesterification of Microalgal Oil-Based Biodiesel Using Supercritical Technology. Enzyme Research, 2011, 2011, 1-25.	1.8	85
97	The Role of Aggregation of Ferrite Nanoparticles on Their Magnetic Properties. Journal of Nanoscience and Nanotechnology, 2011, 11, 3882-3888.	0.9	16
98	Measurement and Modeling of Confined Jet Discharged Tangentially on a Concave Semicylindrical Hot Surface. Journal of Heat Transfer, 2011, 133, .	2.1	11
99	Phase change material for efficient removal of crystal violet dye. Journal of Hazardous Materials, 2010, 176, 1110-1112.	12.4	13
100	Flow characteristics of gallium in a meso-scale channel under the influence of magnetic fields. International Communications in Heat and Mass Transfer, 2010, 37, 1127-1134.	5.6	7
101	Combustion of Raw Algae Oil and Its Methyl Ester in a Diesel Engine. , 2010, , .		2
102	Leak Localization in Pipelines via Computational Pipeline Monitoring. , 2010, , .		0
103	Nanocidals for Osteomyelitis Management. , 2010, , .		0
104	FABRICATION OF ARRAY MICROSTRUCTURES USING SERIAL AND PARALLEL LOCALIZED ELECTRODEPOSITION. International Journal of Nanoscience, 2009, 08, 323-332.	0.7	2
105	ALIGNMENT OF CARBON NANOTUBES USING MAGNETIC NANOPARTICLES. International Journal of Nanoscience, 2009, 08, 251-259.	0.7	2
106	Ni_xCr_x alloy for self controlled magnetic hyperthermia. Crystal Research and Technology, 2009, 44, 386-390.	1.3	31
107	Predicting a major role of surface spins in the magnetic properties of ferrite nanoparticles. Crystal Research and Technology, 2009, 44, 489-494.	1.3	27
108	Removal and recovery of acridine orange from solutions by use of magnetic nanoparticles. Journal of Hazardous Materials, 2009, 169, 318-323.	12.4	159

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109	Peculiar Magnetic Properties of MnZnGdFeO Nanoparticles. <i>Advanced Science Letters</i> , 2009, 2, 60-64.	0.2	8
110	Magnetic Techniques for Rapid Detection of Pathogens. , 2008, , 415-458.		3
111	Mixing Efficiency of Red Blood Cells With Magnetic Microspheres for a Hybrid Separation System. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2008, 2, .	0.7	1
112	Ionic Liquid Mediated Dye Recovery from Aqueous Solution. <i>Nature Precedings</i> , 2008, , .	0.1	0
113	Effect of Nano-Circular Inclusion on the Interfacial Stresses of a Nano-Composite. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
114	Superparamagnetic iron oxide–myoglobin as potential nanoparticle: iron oxide–myoglobin binding properties and magnetic resonance imaging marker in mouse imaging. <i>Journal of Experimental Nanoscience</i> , 2007, 2, 127-138.	2.4	4
115	Flow field analysis in a spiral viscous micropump. <i>Microfluidics and Nanofluidics</i> , 2007, 3, 527-535.	2.2	9
116	Numerical simulation of biomagnetic fluid downstream an eccentric stenotic orifice. <i>Physics of Fluids</i> , 2006, 18, 113601.	4.0	34
117	Controlling Residual Stress in Metal Matrix Ceramic Fiber Composite. <i>Materials Research Society Symposia Proceedings</i> , 2006, 977, 1.	0.1	0
118	Properties of NdFeB film grown on silicon substrate by PLD under external magnetic field. <i>Surface and Coatings Technology</i> , 2005, 194, 372-377.	4.8	6
119	Synthesis and characterization of polymer encapsulated Cu–Ni magnetic nanoparticles for hyperthermia applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 303-309.	2.3	112
120	Numerical simulation of flow in a screw-type blood pump. <i>Journal of Visualization</i> , 2005, 8, 33-40.	1.8	9
121	Synthesis and Stabilization of Fe–Nd–B Nanoparticles for Biomedical Applications. <i>Journal of Nanoparticle Research</i> , 2005, 7, 675-679.	1.9	25
122	NANOMAGNETICS IN BIOTECHNOLOGY. , 2005, , .		2
123	pH-reversible magnetic gel with a biodegradable polymer. <i>Journal of Applied Polymer Science</i> , 2004, 91, 3337-3341.	2.6	20
124	Physically synthesized Ni-Cu nanoparticles for magnetic hyperthermia. <i>Biomagnetic Research and Technology</i> , 2004, 2, 4.	2.0	36
125	Biological effects of power frequency magnetic fields: Neurochemical and toxicological changes in developing chick embryos. <i>Biomagnetic Research and Technology</i> , 2004, 2, 1.	2.0	54
126	A biocompatible magnetic film: synthesis and characterization. <i>Biomagnetic Research and Technology</i> , 2004, 2, 2.	2.0	15

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127	Biodegradable magnetic gel: synthesis and characterization. Colloid and Polymer Science, 2003, 281, 892-896.	2.1	53
128	Size dependent magnetic properties of iron oxide nanoparticles. Journal of Magnetism and Magnetic Materials, 2003, 257, 113-118.	2.3	173
129	Some Historical and Future Aspects of Engineering Mechanics. Journal of Engineering Mechanics - ASCE, 2002, 128, 1242-1253.	2.9	2
130	Synthesis of Polyethylene Magnetic Nanoparticles. Journal of Dispersion Science and Technology, 2002, 23, 563-568.	2.4	4
131	Force and torque characteristics for magnetically driven blood pump. Journal of Magnetism and Magnetic Materials, 2002, 241, 292-302.	2.3	26
132	Numerical simulation of biomagnetic fluid in a channel with thrombus. Journal of Visualization, 2002, 5, 187-195.	1.8	27
133	Polyethylene magnetic nanoparticle: a new magnetic material for biomedical applications. Journal of Magnetism and Magnetic Materials, 2002, 246, 382-391.	2.3	85
134	FUNDAMENTALS OF BIO-MAGNETIC FLUID MECHANICS AND ITS APPLICATIONS. , 2002, , .		2
135	DEVELOPMENT OF MAGNETICALLY DRIVEN MINI AND MICRO PUMP. , 2002, , .		0
136	Synthesis and characterization of heat-stabilized albumin magnetic microspheres. Colloid and Polymer Science, 2001, 279, 1073-1081.	2.1	31
137	1. Simulation of biomagnetic fluid around semicircular thrombus. Journal of Visualization, 2001, 3, 307-307.	1.8	0
138	Modification and characterization of polystyrene-based magnetic microspheres and comparison with albumin-based magnetic microspheres. Journal of Magnetism and Magnetic Materials, 2001, 225, 21-29.	2.3	77
139	Apparent viscosity of human blood in a high static magnetic field. Journal of Magnetism and Magnetic Materials, 2001, 225, 180-186.	2.3	117
140	Development of magnetic device for cell separation. Journal of Magnetism and Magnetic Materials, 1999, 194, 254-261.	2.3	196
141	Microscopic flow visualization system for fluids in magnetic field. Journal of Magnetism and Magnetic Materials, 1999, 194, 262-266.	2.3	6
142	Modeling of complex flows and heat transfer. Journal of Visualization, 1998, 1, 51-63.	1.8	0
143	High magnetic field effects on human deoxygenated hemoglobin light absorption. Bioelectrochemistry, 1998, 47, 297-300.	1.0	41
144	Finite analytic method and its applications: a review. Dynamics of Atmospheres and Oceans, 1998, 27, 17-33.	1.8	6

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145	Effect of high AC magnetic field on magnetic nanoparticles for magnetic hyperthermia and radiation/chemotherapy applications. , 0, , .		1
146	Development of nanotechnology for biomedical applications. , 0, , .		7
147	3D SERS-based biosensor for the selective detection of circulating cancer-derived exosomes. Emergent Materials, 0, , 1.	5.7	2