Ladislau Vekas

List of Publications by Year
in descending order

144	3,263	126907	197818
papers	citations	33 h-index	49 g-index

146	146	146	3216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sterically stabilized water based magnetic fluids: Synthesis, structure and properties. Journal of Magnetism and Magnetic Materials, 2007, 311, 17-21.	2.3	187
2	Magnetic nanoparticles and concentrated magnetic nanofluids: Synthesis, properties and some applications. Particuology: Science and Technology of Particles, 2007, 5, 43-49.	0.4	177
3	Magnetic iron oxide nanoparticles: Recent trends in design and synthesis of magnetoresponsive nanosystems. Biochemical and Biophysical Research Communications, 2015, 468, 442-453.	2.1	127
4	Application orientated researches on magnetic fluids. Journal of Magnetism and Magnetic Materials, 1990, 85, 219-226.	2.3	115
5	Ferrofluids and Magnetorheological Fluids. Advances in Science and Technology, 0, , .	0.2	86
6	Magnetic Nanoparticle Systems for Nanomedicineâ€"A Materials Science Perspective. Magnetochemistry, 2020, 6, 2.	2.4	79
7	Surfactant double layer stabilized magnetic nanofluids for biomedical application. Journal of Physics Condensed Matter, 2008, 20, 204103.	1.8	63
8	Physical Properties of Magnetic Fluids and Nanoparticles from Magnetic and Magneto-rheological Measurements. Journal of Colloid and Interface Science, 2000, 231, 247-254.	9.4	62
9	Fabrication and characterization of superparamagnetic and thermoresponsive hydrogels based on oleic-acid-coated Fe3O4 nanoparticles, hexa(ethylene glycol) methyl ether methacrylate and 2-(acetoacetoxy)ethyl methacrylate. Journal of Magnetism and Magnetic Materials, 2011, 323, 557-563.	2.3	59
10	Multifunctional PEG-carboxylate copolymer coated superparamagnetic iron oxide nanoparticles for biomedical application. Journal of Magnetism and Magnetic Materials, 2018, 451, 710-720.	2.3	55
11	Investigations of a Magnetorheological Fluid Damper. IEEE Transactions on Magnetics, 2004, 40, 469-472.	2.1	54
12	The influence of particle clustering on the rheological properties of highly concentrated magnetic nanofluids. Journal of Colloid and Interface Science, 2012, 373, 110-115.	9.4	54
13	Preparation and magnetic properties of concentrated magnetic fluids on alcohol and water carrier liquids. Journal of Magnetism and Magnetic Materials, 2002, 252, 10-12.	2.3	52
14	Flow behaviour of extremely bidisperse magnetizable fluids. Journal of Magnetism and Magnetic Materials, 2010, 322, 3166-3172.	2.3	51
15	Ferrofluids and bio-ferrofluids: looking back and stepping forward. Nanoscale, 2022, 14, 4786-4886.	5.6	50
16	Comparative structure analysis of non-polar organic ferrofluids stabilized by saturated mono-carboxylic acids. Journal of Colloid and Interface Science, 2009, 334, 37-41.	9.4	49
17	Superparamagnetic Hybrid Micelles, Based on Iron Oxide Nanoparticles and Well-Defined Diblock Copolymers Possessing Î²-Ketoester Functionalities. Biomacromolecules, 2009, 10, 2662-2671.	5.4	49
18	Multiresponsive Polymer Conetworks Capable of Responding to Changes in pH, Temperature, and Magnetic Field: Synthesis, Characterization, and Evaluation of Their Ability for Controlled Uptake and Release of Solutes. ACS Applied Materials & Interfaces, 2012, 4, 2139-2147.	8.0	48

#	Article	IF	Citations
19	Comparative analysis of the structure of sterically stabilized ferrofluids on polar carriers by small-angle neutron scattering. Journal of Colloid and Interface Science, 2006, 295, 100-107.	9.4	47
20	Magnetic microgels, a promising candidate for enhanced magnetic adsorbent particles in bioseparation: synthesis, physicochemical characterization, and separation performance. Soft Matter, 2015, 11, 1008-1018.	2.7	46
21	Dielectric response of transformer oil based ferrofluid in low frequency range. Journal of Applied Physics, 2013, 114, .	2.5	45
22	Magnetic interactions in water based ferrofluids studied by MÃ¶ssbauer spectroscopy. Journal of Physics Condensed Matter, 2007, 19, 016205.	1.8	44
23	On the possibility of using short chain length mono-carboxylic acids for stabilization of magnetic fluids. Journal of Magnetism and Magnetic Materials, 2007, 311, 6-9.	2.3	43
24	The antitumor effect of locoregional magnetic cobalt ferrite in dog mammary adenocarcinoma. Journal of Magnetism and Magnetic Materials, 2001, 225, 235-240.	2.3	41
25	Evaluation of electrospun polymerâ€“Fe₃O₄nanocomposite mats in malachite green adsorption. RSC Advances, 2015, 5, 16484-16496.	3.6	41
26	Magnetic immunochromatographic test for histamine detection in wine. Analytical and Bioanalytical Chemistry, 2019, 411, 6615-6624.	3.7	41
27	High concentration aqueous magnetic fluids: structure, colloidal stability, magnetic and flow properties. Soft Matter, 2018, 14, 6648-6666.	2.7	40
28	On the magnetic structure of magnetite/oleic acid/benzene ferrofluids by small-angle neutron scattering. Journal of Magnetism and Magnetic Materials, 2004, 270, 371-379.	2.3	39
29	Yield stress and flow behavior of concentrated ferrofluid-based magnetorheological fluids: the influence of composition. Rheologica Acta, 2014, 53, 645-653.	2.4	38
30	Analysis of the structure of aqueous ferrofluids by the small-angle neutron scattering method. Physics of the Solid State, 2010, 52, 974-978.	0.6	37
31	Fabrication, Characterization, and Evaluation in Drug Release Properties of Magnetoactive Poly(ethylene oxide)â€“Poly(<scp>l</scp>-lactide) Electrospun Membranes. Biomacromolecules, 2013, 14, 4436-4446.	5.4	37
32	Structure and in Vitro Biological Testing of Water-Based Ferrofluids Stabilized by Monocarboxylic Acids. Langmuir, 2010, 26, 8503-8509.	3.5	35
33	Nano-micro composite magnetic fluids: Magnetic and magnetorheological evaluation for rotating seal and vibration damper applications. Journal of Magnetism and Magnetic Materials, 2016, 406, 134-143.	2.3	35
34	On the impact of surfactant type on the structure of aqueous ferrofluids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 541, 222-226.	4.7	34
35	Magnetically induced phase condensation in an aqueous dispersion of magnetic nanogels. Soft Matter, 2013, 9, 3098.	2.7	33
36	Highly magnetic Fe2O3 nanoparticles synthesized by laser pyrolysis used for biological and heat transfer applications. Applied Surface Science, 2015, 336, 297-303.	6.1	32

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37	Iron/iron oxides coreâ€“shell nanoparticles by laser pyrolysis: Structural characterization and enhanced particle dispersion. Applied Surface Science, 2007, 254, 1048-1052.	6.1	30
38	Ferrofluid based composite fluids: Magnetorheological properties correlated by Mason and Casson numbers. Journal of Rheology, 2017, 61, 401-408.	2.6	29
39	Magnetic Nanofluids: Synthesis and Structure. , 2009, , 650-728.		28
40	Iron Oxide-Based Nanoparticles with Different Mean Sizes Obtained by the Laser Pyrolysis: Structural and Magnetic Properties. Journal of Nanoscience and Nanotechnology, 2010, 10, 1223-1234.	0.9	28
41	Volume fraction dependent magnetic behaviour of ferrofluids for rotating seal applications. Journal Physics D: Applied Physics, 2013, 46, 395501.	2.8	28
42	Magnetic fluids in aerodynamic measuring devices. Journal of Magnetism and Magnetic Materials, 1999, 201, 385-390.	2.3	27
43	Magnetic microgels for drug targeting applications: Physicalâ€“chemical properties and cytotoxicity evaluation. Journal of Magnetism and Magnetic Materials, 2015, 380, 307-314.	2.3	25
44	Estimation of magnetic particle clustering in magnetic fluids from static magnetization experiments. Journal of Colloid and Interface Science, 2003, 264, 141-147.	9.4	24
45	Rheological characterization of complex fluids in electro-magnetic fields. Journal of Non-Newtonian Fluid Mechanics, 2008, 154, 22-30.	2.4	23
46	Leakage-free Rotating Seal Systems with Magnetic Nanofluids and Magnetic Composite Fluids Designed for Various Applications. International Journal of Fluid Machinery and Systems, 2011, 4, 67-75.	0.2	23
47	Structural organization of water-based ferrofluids with sterical stabilization as revealed by SANS. Journal of Magnetism and Magnetic Materials, 2006, 300, e225-e228.	2.3	22
48	Energy losses in mechanically modified bacterial magnetosomes. Journal Physics D: Applied Physics, 2016, 49, 365002.	2.8	22
49	Magnetic Fluids: Structural Aspects by Scattering Techniques. Springer Proceedings in Physics, 2018, , 205-226.	0.2	22
50	Concentration and composition dependence of rheological and magnetorheological properties of some magnetic fluids. , 2001, , 104-109.		21
51	From Single-Core Nanoparticles in Ferrofluids to Multi-Core Magnetic Nanocomposites: Assembly Strategies, Structure, and Magnetic Behavior. Nanomaterials, 2020, 10, 2178.	4.1	21
52	High accuracy photopyroelectric investigation of dynamic thermal parameters of Fe3O4 and CoFe2O4 magnetic nanofluids. Journal of Nanoparticle Research, 2008, 10, 1329-1336.	1.9	20
53	Unsteady pressure measurements of decelerated swirling flow in a discharge cone at lower runner speeds. IOP Conference Series: Earth and Environmental Science, 2014, 22, 032008.	0.3	20
54	Three-dimensional microstructural investigation of high magnetization nanoâ€“micro composite fluids using x-ray microcomputed tomography. Smart Materials and Structures, 2014, 23, 055018.	3.5	19

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55	Fabrication and characterization of superparamagnetic poly(vinyl pyrrolidone)/poly(L-lactide)/Fe3O4 electrospun membranes. Journal of Magnetism and Magnetic Materials, 2014, 352, 30-35.	2.3	19
56	Structural characterization of concentrated aqueous ferrofluids. Journal of Magnetism and Magnetic Materials, 2020, 501, 166445.	2.3	19
57	Influence of Experimental Parameters of a Continuous Flow Process on the Properties of Very Small Iron Oxide Nanoparticles (VSION) Designed for T1-Weighted Magnetic Resonance Imaging (MRI). Nanomaterials, 2020, 10, 757.	4.1	19
58	Title is missing!. European Physical Journal E, 2002, 7, 209-220.	1.6	19
59	Magnetic fluid flow meter for gases. IEEE Transactions on Magnetics, 1994, 30, 936-938.	2.1	17
60	Some applications of inductive transducers with magnetic liquids. Sensors and Actuators A: Physical, 1997, 59, 197-200.	4.1	17
61	Magnetic nanofluids and magnetic composite fluids in rotating seal systems. IOP Conference Series: Earth and Environmental Science, 2010, 12, 012105.	0.3	17
62	Ferrofluid-based magnetorheological fluids: tuning the properties by varying the composition at two hierarchical levels. Rheologica Acta, 2016, 55, 581-595.	2.4	17
63	Fabrication and Bioapplications of Magnetically Modified Chitosan-based Electrospun Nanofibers. Electrospinning, 2018, 2, 29-39.	1.6	17
64	Concentrated magnetic fluids on water and short chain length organic carriers. Journal of Magnetism and Magnetic Materials, 2005, 289, 50-53.	2.3	16
65	Laser synthesis of magnetic ironâ€“carbon nanocomposites with size dependent properties. Advanced Powder Technology, 2012, 23, 88-96.	4.1	16
66	Colloidal stability of carboxylated iron oxide nanomagnets for biomedical use. Periodica Polytechnica: Chemical Engineering, 2014, 58, 3-10.	1.1	16
67	Superparamagnetic polyvinylpyrrolidone/chitosan/<scp>Fe₃O₄</scp> electrospun nanofibers as effective U(<scp>VI</scp>) adsorbents. Journal of Applied Polymer Science, 2021, 138, 50212.	2.6	16
68	SANS study of concentration effect in magnetite/oleic acid/benzene ferrofluid. Applied Physics A: Materials Science and Processing, 2002, 74, s943-s944.	2.3	15
69	Calcium Carbonateâ€“Magnetiteâ€“Chondroitin Sulfate Composite Microparticles with Enhanced pH Stability and Superparamagnetic Properties. Crystal Growth and Design, 2013, 13, 3535-3545.	3.0	15
70	Comparative structure analysis of magnetic fluids at interface with silicon by neutron reflectometry. Applied Surface Science, 2015, 352, 49-53.	6.1	15
71	Magnetoresponsive polymer networks as adsorbents for the removal of U(VI) ions from aqueous media. European Polymer Journal, 2017, 97, 138-146.	5.4	15
72	From high colloidal stability ferrofluids to magnetorheological fluids: tuning the flow behavior by magnetite nanoclusters. Smart Materials and Structures, 2019, 28, 115014.	3.5	15

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73	SANS study of particle concentration influence on ferrofluid nanostructure. Journal of Magnetism and Magnetic Materials, 2002, 252, 86-88.	2.3	14
74	Aggregation in non-ionic water-based ferrofluids by small-angle neutron scattering. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 452-455.	2.3	14
75	Magnetite Nanoparticles Stabilized Under Physiological Conditions for Biomedical Application. , 2008, , 29-37.		14
76	Magnetic fluid seals: Some design problems and applications. Journal of Magnetism and Magnetic Materials, 1987, 65, 379-381.	2.3	13
77	Concentration and composition dependence of the rheological behaviour of some magnetic fluids. Journal of Magnetism and Magnetic Materials, 1999, 201, 159-162.	2.3	13
78	Effects of magnetic dipolar interactions on the specific time constant in superparamagnetic nanoparticle systems. Journal Physics D: Applied Physics, 2016, 49, 295001.	2.8	13
79	Synthesis and characterization of size-controlled magnetic clusters functionalized with polymer layer for wastewater depollution. Materials Chemistry and Physics, 2017, 185, 91-97.	4.0	13
80	Application of Magnetizable Complex Systems in Biomedicine. European Physical Journal D, 2004, 54, 599-606.	0.4	12
81	Investigation of nanostructured Fe3O4 polypyrrole core-shell composites by X-ray absorbtion spectroscopy and X-ray diffraction using synchrotron radiation. Journal of Nanoparticle Research, 2009, 11, 1429-1439.	1.9	12
82	Ferrofluid flow under the influence of rotating magnetic fields. IEEE Transactions on Magnetics, 1980, 16, 283-287.	2.1	11
83	Neutron and synchrotron radiation scattering by nonpolar magnetic fluids. Crystallography Reports, 2011, 56, 792-801.	0.6	11
84	An innovative synthesis approach toward the preparation of structurally defined multiresponsive polymer (co)networks. Polymer Chemistry, 2014, 5, 4365.	3.9	11
85	Temperature-dependent fractal structure of particle clusters in aqueous ferrofluids by small-angle scattering. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 613, 126090.	4.7	11
86	The behaviour of magnetic fluids under strong nonuniform magnetic field in rotating seal. Journal of Magnetism and Magnetic Materials, 1987, 65, 223-226.	2.3	10
87	Inductive transducers with magnetic fluids. Sensors and Actuators A: Physical, 1992, 32, 678-681.	4.1	10
88	Drug targeting investigation in the critical region of the arterial bypass graft. Journal of Magnetism and Magnetic Materials, 2019, 475, 14-23.	2.3	10
89	Î²-ketoester-functionalized magnetoactive electrospun polymer fibers as Eu(III) adsorbents. SN Applied Sciences, 2019, 1, 1.	2.9	10
90	Fluid targeted delivery of functionalized magnetoresponsive nanocomposite particles to a ferromagnetic stent. Journal of Magnetism and Magnetic Materials, 2021, 519, 167489.	2.3	10

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91	Magnetically induced phase condensation with asimptotic critical temperature in an aqueous magnetic colloid. Magnetohydrodynamics, 2011, 47, 201-206.	0.3	10
92	Double-Layer Fatty Acid Nanoparticles as a Multiplatform for Diagnostics and Therapy. Nanomaterials, 2022, 12, 205.	4.1	10
93	Contrast Variation in Small-Angle Neutron Scattering from Magnetic Fluids Stabilized by Different Mono-Carboxylic Acids. Solid State Phenomena, 0, 152-153, 186-189.	0.3	9
94	Photopyroelectric Calorimetry of $$hbox {Fe}_{3}hbox {O}_{4}$$ Fe 3 O 4 Magnetic Nanofluids: Effect of Type of Surfactant and Magnetic Field. International Journal of Thermophysics, 2014, 35, 2032-2043.	2.1	9
95	Engineered magnetoactive collagen hydrogels with tunable and predictable mechanical response. Materials Science and Engineering C, 2020, 114, 111089.	7.3	9
96	Particles deposition induced by the magnetic field in the coronary bypass graft model. Journal of Magnetism and Magnetic Materials, 2016, 401, 269-286.	2.3	8
97	High performance magnetorheological fluids: very high magnetization FeCoâ€“Fe₃O₄ nanoclusters in a ferrofluid carrier. Soft Matter, 2022, 18, 626-639.	2.7	8
98	Fabrication and Characterization of Magnetoresponsive Electrospun Nanocomposite Membranes Based on Methacrylic Random Copolymers and Magnetite Nanoparticles. Journal of Nanomaterials, 2012, 2012, 1-9.	2.7	7
99	The Use of the Nanomagnetic Fluids and the Magnetic Field to Enhance the Production of Composite by RTM â€“ MNF. Molecular Crystals and Liquid Crystals, 2004, 418, 29-40.	0.9	6
100	Capillary flow of a suspension of non-magnetic particles in a ferrofluid under highly non-uniform magnetic field. International Journal of Multiphase Flow, 2005, 31, 201-221.	3.4	6
101	Synthesis, characterization and drug delivery application of the temperature responsive pNIPA hydrogel. Journal of Physics: Conference Series, 2009, 182, 012060.	0.4	6
102	Small-angle neutron scattering contrast variation on magnetite-myristic acid-benzene magnetic fluid. Journal of Surface Investigation, 2009, 3, 1-4.	0.5	6
103	Stimuli responsive magnetic nanogels for biomedical application. AIP Conference Proceedings, 2013, , .	0.4	6
104	Alternative Calorimetry Based on the Photothermoelectric (PTE) Effect: Application to Magnetic Nanofluids. International Journal of Thermophysics, 2015, 36, 2441-2451.	2.1	6
105	Photochemistry Aspects of the Laser Pyrolysis Addressing the Preparation of Oxide Semiconductor Photocatalysts. International Journal of Photoenergy, 2008, 2008, 1-11.	2.5	5
106	Structural Aspects of Stabilization of Magnetic Fluids by Mono-Carboxylic Acids. Solid State Phenomena, 0, 152-153, 182-185.	0.3	5
107	Characterization of magnetic nano-fluids via MÃ¶ssbauer spectroscopy. Hyperfine Interactions, 2009, 191, 55-60.	0.5	5
108	Bubbles generation mechanism in magnetic fluid and its control by an applied magnetic field. Physics Procedia, 2010, 9, 216-220.	1.2	5

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109	Ferrofluids and Magnetorheological Fluids. Advances in Science and Technology, 0, , 127-136.	0.2	5
110	Functional Magnetic Microdroplets for Antibody Extraction. Advanced Materials Interfaces, 2022, 9, 2101317.	3.7	5
111	Application of some magnetic nanocompounds in the protection against sun radiation. Journal of Magnetism and Magnetic Materials, 2007, 311, 363-366.	2.3	4
112	Î¼SR study of the properties of Fe3O4-based nanostructured magnetic systems. JETP Letters, 2008, 88, 210-213.	1.4	4
113	Hydrophobic and Hydrophilic Magnetite Nanoparticles: Synthesis by Chemical Coprecipitation and Physico-Chemical Characterization. Lecture Notes in Bioengineering, 2014, , 39-55.	0.4	4
114	Superparamagnetic Composites Based on Ionic Resin Beads/CaCO₃/Magnetite. Chemistry - A European Journal, 2016, 22, 18036-18044.	3.3	4
115	Hydrodynamic Investigations in a Swirl Generator Using a Magneto-Rheological Brake. Advanced Structured Materials, 2017, , 209-218.	0.5	4
116	Experimental Investigations of a Magneto-Rheological Brake Embedded in a Swirl Generator Apparatus. Advanced Structured Materials, 2019, , 265-279.	0.5	4
117	Experimental Investigations of MR Fluids in Air and Water Used for Brakes and Clutches. Advanced Structured Materials, 2017, , 197-207.	0.5	4
118	Neutron Investigations of Ferrofluids. Ukrainian Journal of Physics, 2015, 60, 728-736.	0.2	4
119	Concentration and temperature effect in microstructure of ferrofluids. Journal of Magnetism and Magnetic Materials, 2006, 300, e221-e224.	2.3	3
120	Clustering in Water Based Magnetic Nanofluids: Investigations by Light Scattering Methods. , 2010, , .		3
121	PEO/PLLA and PVP/PLLA-Based Magnetoresponsive Nanocomposite Membranes: Fabrication via Electrospinning, Characterization and Evaluation in Drug Delivery. Procedia Engineering, 2012, 44, 1052-1053.	1.2	3
122	Radiation effects in polyisobutylene succinic anhydride modified with silica and magnetite nanoparticles. Radiation Physics and Chemistry, 2014, 105, 22-25.	2.8	3
123	On the determination of the dynamic properties of a transformer oil based ferrofluid in the frequency range 0.1â€“20 GHz. Journal of Magnetism and Magnetic Materials, 2017, 423, 61-65.	2.3	3
124	Synthesis and Characterization of Magnetically Controllable Nanostructures Using Different Polymers. , 2010, , .		2
125	Diagnostic and analysis of aggregation stability of magnetic fluids for biomedical applications by small-angle neutron scattering. Journal of Physics: Conference Series, 2012, 345, 012028.	0.4	2
126	Numerical simulation of the swirl generator discharge cone at lower runner speeds. , 2013, , .		2

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127	11.13: Hybrid seismic protection system: Buckling restrained brace of nanoâ€micro composite magneto rheological damper. Ce/Papers, 2017, 1, 2936-2945.	0.3	2
128	The light-induced structuralization in magnetic fluids with negative Soret constant. Journal of Magnetism and Magnetic Materials, 2005, 289, 292-294.	2.3	1
129	Powder structure of magnetic nanoparticles with a substituted pyrrole copolymer shells according to small-angle neutron scattering. Journal of Surface Investigation, 2013, 7, 5-9.	0.5	1
130	Experimental Investigations of a MR Clutch for a Centrifugal Pump. Advanced Structured Materials, 2019, , 253-263.	0.5	1
131	Statistical model calculation of the branching ratios ofN * (1470). Acta Physica Academiae Scientiarum Hungaricae, 1969, 26, 417-419.	0.1	0
132	About the existence of anI=5/2 isobar at 1,470 MeV. Zeitschrift FÃ¼r Physik A, 1969, 225, 121-124.	0.9	0
133	About the possible existence ofI=5/2 nucleon resonances. European Physical Journal A, 1972, 255, 446-449.	2.5	0
134	Composite magnetofluidic media in microgravity. Advances in Space Research, 1998, 22, 1237-1240.	2.6	0
135	Strongly polar magnetic fluids with Fe/sub 3/O/sub 4/ and CoFe/sub 2/O/sub 4/ nanoparticles. , 0, , .		0
136	Light Induced Structuralization in Magnetic Fluids with Negative Soret Constant. European Physical Journal D, 2004, 54, 655-658.	0.4	0
137	Application of Magnetizable Complex Systems in Biomedicine. ChemInform, 2006, 37, no.	0.0	0
138	<title>Magnetic liquid surface behaviour to external stimulus</title>. , 2007, , .		0
139	Magnetic nanocomposite materials obtained using magnetic nano fluids and resins. International Journal of Nanomanufacturing, 2010, 6, 350.	0.3	0
140	Superparamagnetic Nanocomposite PEO/PLLA-Based Fibrous Membranes: Synthesis, Characterization and Evaluation in Drug Release Applications. Procedia Engineering, 2012, 44, 1050-1051.	1.2	0
141	Numerical analysis of the temperature field in a magneto-rheological brake. AIP Conference Proceedings, 2015, , .	0.4	0
142	3D numerical investigations of the swirling flow in a straight diffuser for the variable speed values of the rotor obtained with a magneto-rheological brake. IOP Conference Series: Earth and Environmental Science, 2021, 774, 012019.	0.3	0
143	Characterization of magnetic nano-fluids via MÃ¶ssbauer spectroscopy. , 2009, , 385-390.		0
144	Magnetic Configuration and Relaxation in Iron Based Nano-Particles: A MÃ¶ssbauer Approach. Engineering Materials, 2010, , 297-314.	0.6	0