

Ladislau Vekas

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137
papers

2,660
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30
h-index

45
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146
ext. papers

2,922
ext. citations

3
avg, IF

5.02
L-index

#	Paper	IF	Citations
137	Sterically stabilized water based magnetic fluids: Synthesis, structure and properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 311, 17-21	2.8	169
136	Magnetic nanoparticles and concentrated magnetic nanofluids: Synthesis, properties and some applications. <i>Particuology: Science and Technology of Particles</i> , 2007 , 5, 43-49		156
135	Application orientated researches on magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 85, 219-226	2.8	105
134	Magnetic iron oxide nanoparticles: Recent trends in design and synthesis of magnetoresponsive nanosystems. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 468, 442-53	3.4	98
133	Ferrofluids and Magnetorheological Fluids. <i>Advances in Science and Technology</i> , 2008 , 54, 127-136	0.1	71
132	Physical Properties of Magnetic Fluids and Nanoparticles from Magnetic and Magneto-rheological Measurements. <i>Journal of Colloid and Interface Science</i> , 2000 , 231, 247-254	9.3	55
131	Fabrication and characterization of superparamagnetic and thermoresponsive hydrogels based on oleic-acid-coated Fe ₃ O ₄ nanoparticles, hexa(ethylene glycol) methyl ether methacrylate and 2-(acetoacetoxy)ethyl methacrylate. <i>Journal of Magnetism and Magnetic Materials</i> , 2011 , 323, 557-563	2.8	54
130	Surfactant double layer stabilized magnetic nanofluids for biomedical application. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 204103	1.8	53
129	The influence of particle clustering on the rheological properties of highly concentrated magnetic nanofluids. <i>Journal of Colloid and Interface Science</i> , 2012 , 373, 110-5	9.3	52
128	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. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 2139-47	9.5	48
127	Comparative structure analysis of non-polar organic ferrofluids stabilized by saturated mono-carboxylic acids. <i>Journal of Colloid and Interface Science</i> , 2009 , 334, 37-41	9.3	46
126	Preparation and magnetic properties of concentrated magnetic fluids on alcohol and water carrier liquids. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 252, 10-12	2.8	46
125	Superparamagnetic hybrid micelles, based on iron oxide nanoparticles and well-defined diblock copolymers possessing beta-ketoester functionalities. <i>Biomacromolecules</i> , 2009 , 10, 2662-71	6.9	45
124	Comparative analysis of the structure of sterically stabilized ferrofluids on polar carriers by small-angle neutron scattering. <i>Journal of Colloid and Interface Science</i> , 2006 , 295, 100-7	9.3	45
123	Magnetic microgels, a promising candidate for enhanced magnetic adsorbent particles in bioseparation: synthesis, physicochemical characterization, and separation performance. <i>Soft Matter</i> , 2015 , 11, 1008-18	3.6	43
122	Magnetic Nanoparticle Systems for Nanomedicine: A Materials Science Perspective. <i>Magnetochemistry</i> , 2020 , 6, 2	3.1	43
121	On the possibility of using short chain length mono-carboxylic acids for stabilization of magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 311, 6-9	2.8	42

120	Flow behaviour of extremely bidisperse magnetizable fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 3166-3172	2.8	41
119	Magnetic interactions in water based ferrofluids studied by Mössbauer spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 016205	1.8	41
118	Multifunctional PEG-carboxylate copolymer coated superparamagnetic iron oxide nanoparticles for biomedical application. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 451, 710-720	2.8	41
117	Dielectric response of transformer oil based ferrofluid in low frequency range. <i>Journal of Applied Physics</i> , 2013 , 114, 034313	2.5	39
116	Investigations of a magnetorheological fluid damper. <i>IEEE Transactions on Magnetics</i> , 2004 , 40, 469-472	2	39
115	The antitumor effect of locoregional magnetic cobalt ferrite in dog mammary adenocarcinoma. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 225, 235-240	2.8	37
114	Analysis of the structure of aqueous ferrofluids by the small-angle neutron scattering method. <i>Physics of the Solid State</i> , 2010 , 52, 974-978	0.8	36
113	On the magnetic structure of magnetite/oleic acid/benzene ferrofluids by small-angle neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 270, 371-379	2.8	35
112	Evaluation of electrospun polymer/Fe ₃ O ₄ nanocomposite mats in malachite green adsorption. <i>RSC Advances</i> , 2015 , 5, 16484-16496	3.7	33
111	Fabrication, characterization, and evaluation in drug release properties of magnetoactive poly(ethylene oxide)-poly(L-lactide) electrospun membranes. <i>Biomacromolecules</i> , 2013 , 14, 4436-46	6.9	32
110	Structure and in vitro biological testing of water-based ferrofluids stabilized by monocarboxylic acids. <i>Langmuir</i> , 2010 , 26, 8503-9	4	32
109	Nano-micro composite magnetic fluids: Magnetic and magnetorheological evaluation for rotating seal and vibration damper applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 406, 134-143	2.8	30
108	Yield stress and flow behavior of concentrated ferrofluid-based magnetorheological fluids: the influence of composition. <i>Rheologica Acta</i> , 2014 , 53, 645-653	2.3	30
107	Magnetically induced phase condensation in an aqueous dispersion of magnetic nanogels. <i>Soft Matter</i> , 2013 , 9, 3098	3.6	30
106	Magnetic immunochromatographic test for histamine detection in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 6615-6624	4.4	29
105	High concentration aqueous magnetic fluids: structure, colloidal stability, magnetic and flow properties. <i>Soft Matter</i> , 2018 , 14, 6648-6666	3.6	27
104	Magnetic Nanofluids: Synthesis and Structure 2009 , 650-728		26
103	Iron/iron oxides core-shell nanoparticles by laser pyrolysis: Structural characterization and enhanced particle dispersion. <i>Applied Surface Science</i> , 2007 , 254, 1048-1052	6.7	26

102	Iron oxide-based nanoparticles with different mean sizes obtained by the laser pyrolysis: structural and magnetic properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 1223-34	1.3	24
101	Magnetic fluids in aerodynamic measuring devices. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 201, 385-390	2.8	24
100	On the impact of surfactant type on the structure of aqueous ferrofluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 541, 222-226	5.1	23
99	Highly magnetic Fe ₂ O ₃ nanoparticles synthesized by laser pyrolysis used for biological and heat transfer applications. <i>Applied Surface Science</i> , 2015 , 336, 297-303	6.7	23
98	Estimation of magnetic particle clustering in magnetic fluids from static magnetization experiments. <i>Journal of Colloid and Interface Science</i> , 2003 , 264, 141-7	9.3	23
97	Magnetic microgels for drug targeting applications: Physical-chemical properties and cytotoxicity evaluation. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 380, 307-314	2.8	21
96	Structural organization of water-based ferrofluids with sterical stabilization as revealed by SANS. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 300, e225-e228	2.8	21
95	Leakage-free Rotating Seal Systems with Magnetic Nanofluids and Magnetic Composite Fluids Designed for Various Applications. <i>International Journal of Fluid Machinery and Systems</i> , 2011 , 4, 67-75	1.1	21
94	Ferrofluid based composite fluids: Magnetorheological properties correlated by Mason and Casson numbers. <i>Journal of Rheology</i> , 2017 , 61, 401-408	4.1	20
93	Volume fraction dependent magnetic behaviour of ferrofluids for rotating seal applications. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 395501	3	19
92	High accuracy photopyroelectric investigation of dynamic thermal parameters of Fe ₃ O ₄ and CoFe ₂ O ₄ magnetic nanofluids. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 1329-1336	2.3	19
91	Rheological characterization of complex fluids in electro-magnetic fields. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2008 , 154, 22-30	2.7	19
90	. <i>European Physical Journal E</i> , 2002 , 7, 209-220	1.5	19
89	Fabrication and characterization of superparamagnetic poly(vinyl pyrrolidone)/poly(L-lactide)/Fe ₃ O ₄ electrospun membranes. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 352, 30-35	2.8	18
88	Concentration and composition dependence of rheological and magnetorheological properties of some magnetic fluids 2001 , 104-109		18
87	Three-dimensional microstructural investigation of high magnetization nano-micro composite fluids using x-ray microcomputed tomography. <i>Smart Materials and Structures</i> , 2014 , 23, 055018	3.4	16
86	Laser synthesis of magnetic iron-carbon nanocomposites with size dependent properties. <i>Advanced Powder Technology</i> , 2012 , 23, 88-96	4.6	16
85	Energy losses in mechanically modified bacterial magnetosomes. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 365002	3	15

84	Calcium Carbonate/Magnetite/Chondroitin Sulfate Composite Microparticles with Enhanced pH Stability and Superparamagnetic Properties. <i>Crystal Growth and Design</i> , 2013 , 13, 3535-3545	3.5	15
83	Colloidal stability of carboxylated iron oxide nanomagnets for biomedical use. <i>Periodica Polytechnica: Chemical Engineering</i> , 2014 , 58, 3-10	1.3	15
82	Concentrated magnetic fluids on water and short chain length organic carriers. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 289, 50-53	2.8	15
81	Ferrofluid-based magnetorheological fluids: tuning the properties by varying the composition at two hierarchical levels. <i>Rheologica Acta</i> , 2016 , 55, 581-595	2.3	15
80	Comparative structure analysis of magnetic fluids at interface with silicon by neutron reflectometry. <i>Applied Surface Science</i> , 2015 , 352, 49-53	6.7	14
79	Structural characterization of concentrated aqueous ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 501, 166445	2.8	14
78	Unsteady pressure measurements of decelerated swirling flow in a discharge cone at lower runner speeds. <i>IOP Conference Series: Earth and Environmental Science</i> , 2014 , 22, 032008	0.3	14
77	SANS study of concentration effect in magnetite/oleic acid/benzene ferrofluid. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s943-s944	2.6	14
76	Fabrication and Bioapplications of Magnetically Modified Chitosan-based Electrospun Nanofibers. <i>Electrospinning</i> , 2018 , 2, 29-39		14
75	Synthesis and characterization of size-controlled magnetic clusters functionalized with polymer layer for wastewater depollution. <i>Materials Chemistry and Physics</i> , 2017 , 185, 91-97	4.4	13
74	Some applications of inductive transducers with magnetic liquids. <i>Sensors and Actuators A: Physical</i> , 1997 , 59, 197-200	3.9	13
73	SANS study of particle concentration influence on ferrofluid nanostructure. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 252, 86-88	2.8	13
72	Concentration and composition dependence of the rheological behaviour of some magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 201, 159-162	2.8	13
71	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 936-938	2	13
70	From Single-Core Nanoparticles in Ferrofluids to Multi-Core Magnetic Nanocomposites: Assembly Strategies, Structure, and Magnetic Behavior. <i>Nanomaterials</i> , 2020 , 10,	5.4	12
69	Aggregation in non-ionic water-based ferrofluids by small-angle neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 258-259, 452-455	2.8	12
68	Effects of magnetic dipolar interactions on the specific time constant in superparamagnetic nanoparticle systems. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 295001	3	12
67	Neutron and synchrotron radiation scattering by nonpolar magnetic fluids. <i>Crystallography Reports</i> , 2011 , 56, 792-801	0.6	11

66	Magnetic nanofluids and magnetic composite fluids in rotating seal systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 2010 , 12, 012105	0.3	11
65	Magnetoresponse polymer networks as adsorbents for the removal of U(VI) ions from aqueous media. <i>European Polymer Journal</i> , 2017 , 97, 138-146	5.2	10
64	An innovative synthesis approach toward the preparation of structurally defined multiresponsive polymer (co)networks. <i>Polymer Chemistry</i> , 2014 , 5, 4365	4.9	10
63	Investigation of nanostructured Fe ₃ O ₄ polypyrrole core-shell composites by X-ray absorption spectroscopy and X-ray diffraction using synchrotron radiation. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 1429-1439	2.3	10
62	Magnetite Nanoparticles Stabilized Under Physiological Conditions for Biomedical Application 2008 , 29-37		10
61	Photopyroelectric Calorimetry of (hbox {Fe}_{3}hbox {O}_{4}) Magnetic Nanofluids: Effect of Type of Surfactant and Magnetic Field. <i>International Journal of Thermophysics</i> , 2014 , 35, 2032-2043	2.1	9
60	Inductive transducers with magnetic fluids. <i>Sensors and Actuators A: Physical</i> , 1992 , 32, 678-681	3.9	9
59	The behaviour of magnetic fluids under strong nonuniform magnetic field in rotating seal. <i>Journal of Magnetism and Magnetic Materials</i> , 1987 , 65, 223-226	2.8	9
58	Magnetic fluid seals: Some design problems and applications. <i>Journal of Magnetism and Magnetic Materials</i> , 1987 , 65, 379-381	2.8	9
57	Influence of Experimental Parameters of a Continuous Flow Process on the Properties of Very Small Iron Oxide Nanoparticles (VSION) Designed for T-Weighted Magnetic Resonance Imaging (MRI). <i>Nanomaterials</i> , 2020 , 10,	5.4	8
56	From high colloidal stability ferrofluids to magnetorheological fluids: tuning the flow behavior by magnetite nanoclusters. <i>Smart Materials and Structures</i> , 2019 , 28, 115014	3.4	8
55	Contrast Variation in Small-Angle Neutron Scattering from Magnetic Fluids Stabilized by Different Mono-Carboxylic Acids. <i>Solid State Phenomena</i> , 2009 , 152-153, 186-189	0.4	8
54	Application of Magnetizable Complex Systems in Biomedicine. <i>European Physical Journal D</i> , 2004 , 54, 599-606		8
53	Fabrication and Characterization of Magnetoresponse Electrospun Nanocomposite Membranes Based on Methacrylic Random Copolymers and Magnetite Nanoparticles. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-9	3.2	7
52	Ferrofluid flow under the influence of rotating magnetic fields. <i>IEEE Transactions on Magnetics</i> , 1980 , 16, 283-287	2	7
51	Magnetically induced phase condensation with asymptotic critical temperature in an aqueous magnetic colloid. <i>Magneto hydrodynamics</i> , 2011 , 47, 201-206	1.6	7
50	Alternative Calorimetry Based on the Photothermoelectric (PTE) Effect: Application to Magnetic Nanofluids. <i>International Journal of Thermophysics</i> , 2015 , 36, 2441-2451	2.1	6
49	Particles deposition induced by the magnetic field in the coronary bypass graft model. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 401, 269-286	2.8	6

48	Drug targeting investigation in the critical region of the arterial bypass graft. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 14-23	2.8	6
47	Superparamagnetic polyvinylpyrrolidone/chitosan/Fe ₃ O ₄ electrospun nanofibers as effective U(VI) adsorbents. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50212	2.9	6
46	Engineered magnetoactive collagen hydrogels with tunable and predictable mechanical response. <i>Materials Science and Engineering C</i> , 2020 , 114, 111089	8.3	5
45	Stimuli responsive magnetic nanogels for biomedical application 2013 ,		5
44	Synthesis, characterization and drug delivery application of the temperature responsive pNIPA hydrogel. <i>Journal of Physics: Conference Series</i> , 2009 , 182, 012060	0.3	5
43	Characterization of magnetic nano-fluids via Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2009 , 191, 55-60	0.8	5
42	Small-angle neutron scattering contrast variation on magnetite-myristic acid-benzene magnetic fluid. <i>Journal of Surface Investigation</i> , 2009 , 3, 1-4	0.5	5
41	Capillary flow of a suspension of non-magnetic particles in a ferrofluid under highly non-uniform magnetic field. <i>International Journal of Multiphase Flow</i> , 2005 , 31, 201-221	3.6	5
40	Temperature-dependent fractal structure of particle clusters in aqueous ferrofluids by small-angle scattering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 613, 126090	5.1	5
39	Eketoester-functionalized magnetoactive electrospun polymer fibers as Eu(III) adsorbents. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	5
38	Ferrofluids and bio-ferrofluids: looking back and stepping forward.. <i>Nanoscale</i> , 2022 ,	7.7	5
37	Hydrodynamic Investigations in a Swirl Generator Using a Magneto-Rheological Brake. <i>Advanced Structured Materials</i> , 2017 , 209-218	0.6	4
36	Superparamagnetic Composites Based on Ionic Resin Beads/CaCO ₃ /Magnetite. <i>Chemistry - A European Journal</i> , 2016 , 22, 18036-18044	4.8	4
35	Bubbles generation mechanism in magnetic fluid and its control by an applied magnetic field. <i>Physics Procedia</i> , 2010 , 9, 216-220		4
34	Photochemistry Aspects of the Laser Pyrolysis Addressing the Preparation of Oxide Semiconductor Photocatalysts. <i>International Journal of Photoenergy</i> , 2008 , 2008, 1-11	2.1	4
33	Application of some magnetic nanocompounds in the protection against sun radiation. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 311, 363-366	2.8	4
32	Double-Layer Fatty Acid Nanoparticles as a Multiplatform for Diagnostics and Therapy.. <i>Nanomaterials</i> , 2022 , 12,	5.4	4
31	Ferrofluids and Magnetorheological Fluids. <i>Advances in Science and Technology</i> , 127-136	0.1	4

30	Radiation effects in polyisobutylene succinic anhydride modified with silica and magnetite nanoparticles. <i>Radiation Physics and Chemistry</i> , 2014 , 105, 22-25	2.5	3
29	On the determination of the dynamic properties of a transformer oil based ferrofluid in the frequency range 0.1-10 GHz. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 423, 61-65	2.8	3
28	Clustering in Water Based Magnetic Nanofluids: Investigations by Light Scattering Methods 2010 ,		3
27	Structural Aspects of Stabilization of Magnetic Fluids by Mono-Carboxylic Acids. <i>Solid State Phenomena</i> , 2009 , 152-153, 182-185	0.4	3
26	NR study of the properties of Fe ₃ O ₄ -based nanostructured magnetic systems. <i>JETP Letters</i> , 2008 , 88, 210-213	1.2	3
25	The Use of the Nanomagnetic Fluids and the Magnetic Field to Enhance the Production of Composite by RTM [MNF]. <i>Molecular Crystals and Liquid Crystals</i> , 2004 , 418, 29-40	0.5	3
24	Neutron Investigations of Ferrofluids. <i>Ukrainian Journal of Physics</i> , 2015 , 60, 728-736	0.4	3
23	Experimental Investigations of MR Fluids in Air and Water Used for Brakes and Clutches. <i>Advanced Structured Materials</i> , 2017 , 197-207	0.6	3
22	Fluid targeted delivery of functionalized magneto-responsive nanocomposite particles to a ferromagnetic stent. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 519, 167489	2.8	3
21	11.13: Hybrid seismic protection system: Buckling restrained brace of nano-micro composite magneto rheological damper. <i>Ce/Papers</i> , 2017 , 1, 2936-2945	0.3	2
20	Experimental Investigations of a Magneto-Rheological Brake Embedded in a Swirl Generator Apparatus. <i>Advanced Structured Materials</i> , 2019 , 265-279	0.6	2
19	Magnetic Fluids: Structural Aspects by Scattering Techniques. <i>Springer Proceedings in Physics</i> , 2018 , 205-226		2
18	PEO/PLLA and PVP/PLLA-Based Magneto-responsive Nanocomposite Membranes: Fabrication via Electrospinning, Characterization and Evaluation in Drug Delivery. <i>Procedia Engineering</i> , 2012 , 44, 1052-1053		2
17	Diagnostic and analysis of aggregation stability of magnetic fluids for biomedical applications by small-angle neutron scattering. <i>Journal of Physics: Conference Series</i> , 2012 , 345, 012028	0.3	2
16	Synthesis and Characterization of Magnetically Controllable Nanostructures Using Different Polymers 2010 ,		2
15	Concentration and temperature effect in microstructure of ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 300, e221-e224	2.8	2
14	Functional Magnetic Microdroplets for Antibody Extraction. <i>Advanced Materials Interfaces</i> , 2022 , 9, 2101367	1.67	2
13	Powder structure of magnetic nanoparticles with a substituted pyrrole copolymer shells according to small-angle neutron scattering. <i>Journal of Surface Investigation</i> , 2013 , 7, 5-9	0.5	1

12	The light-induced structuralization in magnetic fluids with negative Soret constant. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 289, 292-294	2.8	1
11	High performance magnetorheological fluids: very high magnetization FeCo-FeO nanoclusters in a ferrofluid carrier.. <i>Soft Matter</i> , 2021 ,	3.6	1
10	Hydrophobic and Hydrophilic Magnetite Nanoparticles: Synthesis by Chemical Coprecipitation and Physico-Chemical Characterization. <i>Lecture Notes in Bioengineering</i> , 2014 , 39-55	0.8	0
9	Experimental Investigations of a MR Clutch for a Centrifugal Pump. <i>Advanced Structured Materials</i> , 2019 , 253-263	0.6	0
8	Superparamagnetic Nanocomposite PEO/PLLA-Based Fibrous Membranes: Synthesis, Characterization and Evaluation in Drug Release Applications. <i>Procedia Engineering</i> , 2012 , 44, 1050-1051		
7	Magnetic nanocomposite materials obtained using magnetic nano fluids and resins. <i>International Journal of Nanomanufacturing</i> , 2010 , 6, 350	0.7	
6	Composite magnetofluidic media in microgravity. <i>Advances in Space Research</i> , 1998 , 22, 1237-1240	2.4	
5	Light Induced Structuralization in Magnetic Fluids with Negative Soret Constant. <i>European Physical Journal D</i> , 2004 , 54, 655-658		
4	Statistical model calculation of the branching ratios of N * (1470). <i>Acta Physica Academiae Scientiarum Hungaricae</i> , 1969 , 26, 417-419		
3	Characterization of magnetic nano-fluids via Mössbauer spectroscopy 2009 , 385-390		
2	Magnetic Configuration and Relaxation in Iron Based Nano-Particles: A Mössbauer Approach. <i>Engineering Materials</i> , 2010 , 297-314	0.4	
1	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. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 774, 012019	0.3	