

# Ladislau Vekas

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6488500/ladislau-vekas-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137  
papers

2,660  
citations

30  
h-index

45  
g-index

146  
ext. papers

2,922  
ext. citations

3  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
137	Double-Layer Fatty Acid Nanoparticles as a Multiplatform for Diagnostics and Therapy.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	4
136	Ferrofluids and bio-ferrofluids: looking back and stepping forward.. <i>Nanoscale</i> , <b>2022</b> ,	7.7	5
135	Functional Magnetic Microdroplets for Antibody Extraction. <i>Advanced Materials Interfaces</i> , <b>2022</b> , 9, 2101367	1.67	2
134	High performance magnetorheological fluids: very high magnetization FeCo-FeO nanoclusters in a ferrofluid carrier.. <i>Soft Matter</i> , <b>2021</b> ,	3.6	1
133	Temperature-dependent fractal structure of particle clusters in aqueous ferrofluids by small-angle scattering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 613, 126090	5.1	5
132	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> , <b>2021</b> , 774, 012019	0.3	
131	Superparamagnetic polyvinylpyrrolidone/chitosan/Fe <sub>3</sub> O <sub>4</sub> electrospun nanofibers as effective U(VI) adsorbents. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50212	2.9	6
130	Fluid targeted delivery of functionalized magneto-responsive nanocomposite particles to a ferromagnetic stent. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2021</b> , 519, 167489	2.8	3
129	From Single-Core Nanoparticles in Ferrofluids to Multi-Core Magnetic Nanocomposites: Assembly Strategies, Structure, and Magnetic Behavior. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	12
128	Engineered magnetoactive collagen hydrogels with tunable and predictable mechanical response. <i>Materials Science and Engineering C</i> , <b>2020</b> , 114, 111089	8.3	5
127	Structural characterization of concentrated aqueous ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2020</b> , 501, 166445	2.8	14
126	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> , <b>2020</b> , 10,	5.4	8
125	Magnetic Nanoparticle Systems for Nanomedicine: A Materials Science Perspective. <i>Magnetochemistry</i> , <b>2020</b> , 6, 2	3.1	43
124	Experimental Investigations of a Magneto-Rheological Brake Embedded in a Swirl Generator Apparatus. <i>Advanced Structured Materials</i> , <b>2019</b> , 265-279	0.6	2
123	Magnetic immunochromatographic test for histamine detection in wine. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 6615-6624	4.4	29
122	From high colloidal stability ferrofluids to magnetorheological fluids: tuning the flow behavior by magnetite nanoclusters. <i>Smart Materials and Structures</i> , <b>2019</b> , 28, 115014	3.4	8
121	Drug targeting investigation in the critical region of the arterial bypass graft. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 475, 14-23	2.8	6

120	Experimental Investigations of a MR Clutch for a Centrifugal Pump. <i>Advanced Structured Materials</i> , <b>2019</b> , 253-263	0.6	0
119	Ekeoester-functionalized magnetoactive electrospun polymer fibers as Eu(III) adsorbents. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	5
118	Magnetic Fluids: Structural Aspects by Scattering Techniques. <i>Springer Proceedings in Physics</i> , <b>2018</b> , 205-226	2	
117	On the impact of surfactant type on the structure of aqueous ferrofluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 541, 222-226	5.1	23
116	Multifunctional PEG-carboxylate copolymer coated superparamagnetic iron oxide nanoparticles for biomedical application. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 451, 710-720	2.8	41
115	Fabrication and Bioapplications of Magnetically Modified Chitosan-based Electrospun Nanofibers. <i>Electrospinning</i> , <b>2018</b> , 2, 29-39		14
114	High concentration aqueous magnetic fluids: structure, colloidal stability, magnetic and flow properties. <i>Soft Matter</i> , <b>2018</b> , 14, 6648-6666	3.6	27
113	Ferrofluid based composite fluids: Magnetorheological properties correlated by Mason and Casson numbers. <i>Journal of Rheology</i> , <b>2017</b> , 61, 401-408	4.1	20
112	Hydrodynamic Investigations in a Swirl Generator Using a Magneto-Rheological Brake. <i>Advanced Structured Materials</i> , <b>2017</b> , 209-218	0.6	4
111	11.13: Hybrid seismic protection system: Buckling restrained brace of nano-micro composite magneto rheological damper. <i>Ce/Papers</i> , <b>2017</b> , 1, 2936-2945	0.3	2
110	Magnetoresponse polymer networks as adsorbents for the removal of U(VI) ions from aqueous media. <i>European Polymer Journal</i> , <b>2017</b> , 97, 138-146	5.2	10
109	Synthesis and characterization of size-controlled magnetic clusters functionalized with polymer layer for wastewater depollution. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 185, 91-97	4.4	13
108	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> , <b>2017</b> , 423, 61-65	2.8	3
107	Experimental Investigations of MR Fluids in Air and Water Used for Brakes and Clutches. <i>Advanced Structured Materials</i> , <b>2017</b> , 197-207	0.6	3
106	Energy losses in mechanically modified bacterial magnetosomes. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 365002	3	15
105	Superparamagnetic Composites Based on Ionic Resin Beads/CaCO <sub>3</sub> /Magnetite. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18036-18044	4.8	4
104	Nano-micro composite magnetic fluids: Magnetic and magnetorheological evaluation for rotating seal and vibration damper applications. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 406, 134-143	2.8	30
103	Particles deposition induced by the magnetic field in the coronary bypass graft model. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 401, 269-286	2.8	6

102	Effects of magnetic dipolar interactions on the specific time constant in superparamagnetic nanoparticle systems. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 295001	3	12
101	Ferrofluid-based magnetorheological fluids: tuning the properties by varying the composition at two hierarchical levels. <i>Rheologica Acta</i> , <b>2016</b> , 55, 581-595	2.3	15
100	Alternative Calorimetry Based on the Photothermoelectric (PTE) Effect: Application to Magnetic Nanofluids. <i>International Journal of Thermophysics</i> , <b>2015</b> , 36, 2441-2451	2.1	6
99	Comparative structure analysis of magnetic fluids at interface with silicon by neutron reflectometry. <i>Applied Surface Science</i> , <b>2015</b> , 352, 49-53	6.7	14
98	Magnetic iron oxide nanoparticles: Recent trends in design and synthesis of magnetoresponsive nanosystems. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 468, 442-53	3.4	98
97	Magnetic microgels for drug targeting applications: Physical-chemical properties and cytotoxicity evaluation. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 380, 307-314	2.8	21
96	Highly magnetic Fe <sub>2</sub> O <sub>3</sub> nanoparticles synthesized by laser pyrolysis used for biological and heat transfer applications. <i>Applied Surface Science</i> , <b>2015</b> , 336, 297-303	6.7	23
95	Magnetic microgels, a promising candidate for enhanced magnetic adsorbent particles in bioseparation: synthesis, physicochemical characterization, and separation performance. <i>Soft Matter</i> , <b>2015</b> , 11, 1008-18	3.6	43
94	Evaluation of electrospun polymer-Fe <sub>3</sub> O <sub>4</sub> nanocomposite mats in malachite green adsorption. <i>RSC Advances</i> , <b>2015</b> , 5, 16484-16496	3.7	33
93	Neutron Investigations of Ferrofluids. <i>Ukrainian Journal of Physics</i> , <b>2015</b> , 60, 728-736	0.4	3
92	Fabrication and characterization of superparamagnetic poly(vinyl pyrrolidone)/poly(L-lactide)/Fe <sub>3</sub> O <sub>4</sub> electrospun membranes. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2014</b> , 352, 30-35	2.8	18
91	An innovative synthesis approach toward the preparation of structurally defined multiresponsive polymer (co)networks. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 4365	4.9	10
90	Radiation effects in polyisobutylene succinic anhydride modified with silica and magnetite nanoparticles. <i>Radiation Physics and Chemistry</i> , <b>2014</b> , 105, 22-25	2.5	3
89	Yield stress and flow behavior of concentrated ferrofluid-based magnetorheological fluids: the influence of composition. <i>Rheologica Acta</i> , <b>2014</b> , 53, 645-653	2.3	30
88	Unsteady pressure measurements of decelerated swirling flow in a discharge cone at lower runner speeds. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2014</b> , 22, 032008	0.3	14
87	Colloidal stability of carboxylated iron oxide nanomagnets for biomedical use. <i>Periodica Polytechnica: Chemical Engineering</i> , <b>2014</b> , 58, 3-10	1.3	15
86	Three-dimensional microstructural investigation of high magnetization nano-micro composite fluids using x-ray microcomputed tomography. <i>Smart Materials and Structures</i> , <b>2014</b> , 23, 055018	3.4	16
85	Hydrophobic and Hydrophilic Magnetite Nanoparticles: Synthesis by Chemical Coprecipitation and Physico-Chemical Characterization. <i>Lecture Notes in Bioengineering</i> , <b>2014</b> , 39-55	0.8	0

84	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> , <b>2014</b> , 35, 2032-2043	2.1	9
83	Calcium Carbonate/Magnetite/Chondroitin Sulfate Composite Microparticles with Enhanced pH Stability and Superparamagnetic Properties. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3535-3545	3.5	15
82	Dielectric response of transformer oil based ferrofluid in low frequency range. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 034313	2.5	39
81	Powder structure of magnetic nanoparticles with a substituted pyrrole copolymer shells according to small-angle neutron scattering. <i>Journal of Surface Investigation</i> , <b>2013</b> , 7, 5-9	0.5	1
80	Fabrication, characterization, and evaluation in drug release properties of magnetoactive poly(ethylene oxide)-poly(L-lactide) electrospun membranes. <i>Biomacromolecules</i> , <b>2013</b> , 14, 4436-46	6.9	32
79	Volume fraction dependent magnetic behaviour of ferrofluids for rotating seal applications. <i>Journal Physics D: Applied Physics</i> , <b>2013</b> , 46, 395501	3	19
78	Magnetically induced phase condensation in an aqueous dispersion of magnetic nanogels. <i>Soft Matter</i> , <b>2013</b> , 9, 3098	3.6	30
77	Stimuli responsive magnetic nanogels for biomedical application <b>2013</b> ,		5
76	The influence of particle clustering on the rheological properties of highly concentrated magnetic nanofluids. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 373, 110-5	9.3	52
75	PEO/PLLA and PVP/PLLA-Based Magnetoresponse Nanocomposite Membranes: Fabrication via Electrospinning, Characterization and Evaluation in Drug Delivery. <i>Procedia Engineering</i> , <b>2012</b> , 44, 1052-1053		2
74	Superparamagnetic Nanocomposite PEO/PLLA-Based Fibrous Membranes: Synthesis, Characterization and Evaluation in Drug Release Applications. <i>Procedia Engineering</i> , <b>2012</b> , 44, 1050-1051		
73	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 &amp; Interfaces</i> , <b>2012</b> , 4, 2139-47	9.5	48
72	Diagnostic and analysis of aggregation stability of magnetic fluids for biomedical applications by small-angle neutron scattering. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 345, 012028	0.3	2
71	Laser synthesis of magnetic iron/carbon nanocomposites with size dependent properties. <i>Advanced Powder Technology</i> , <b>2012</b> , 23, 88-96	4.6	16
70	Fabrication and Characterization of Magnetoresponse Electrospun Nanocomposite Membranes Based on Methacrylic Random Copolymers and Magnetite Nanoparticles. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-9	3.2	7
69	Neutron and synchrotron radiation scattering by nonpolar magnetic fluids. <i>Crystallography Reports</i> , <b>2011</b> , 56, 792-801	0.6	11
68	Fabrication and characterization of superparamagnetic and thermoresponsive hydrogels based on oleic-acid-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles, hexa(ethylene glycol) methyl ether methacrylate and 2-(acetoacetoxy)ethyl methacrylate. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2011</b> , 323, 557-563	2.8	54
67	Magnetically induced phase condensation with asymptotic critical temperature in an aqueous magnetic colloid. <i>Magneto hydrodynamics</i> , <b>2011</b> , 47, 201-206	1.6	7

66	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> , <b>2011</b> , 4, 67-75	1.1	21
65	Clustering in Water Based Magnetic Nanofluids: Investigations by Light Scattering Methods <b>2010</b> ,		3
64	Synthesis and Characterization of Magnetically Controllable Nanostructures Using Different Polymers <b>2010</b> ,		2
63	Iron oxide-based nanoparticles with different mean sizes obtained by the laser pyrolysis: structural and magnetic properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 1223-34	1.3	24
62	Magnetic nanofluids and magnetic composite fluids in rotating seal systems. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2010</b> , 12, 012105	0.3	11
61	Structure and in vitro biological testing of water-based ferrofluids stabilized by monocarboxylic acids. <i>Langmuir</i> , <b>2010</b> , 26, 8503-9	4	32
60	Magnetic nanocomposite materials obtained using magnetic nano fluids and resins. <i>International Journal of Nanomanufacturing</i> , <b>2010</b> , 6, 350	0.7	
59	Analysis of the structure of aqueous ferrofluids by the small-angle neutron scattering method. <i>Physics of the Solid State</i> , <b>2010</b> , 52, 974-978	0.8	36
58	Bubbles generation mechanism in magnetic fluid and its control by an applied magnetic field. <i>Physics Procedia</i> , <b>2010</b> , 9, 216-220		4
57	Flow behaviour of extremely bidisperse magnetizable fluids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 3166-3172	2.8	41
56	Magnetic Configuration and Relaxation in Iron Based Nano-Particles: A Mössbauer Approach. <i>Engineering Materials</i> , <b>2010</b> , 297-314	0.4	
55	Structural Aspects of Stabilization of Magnetic Fluids by Mono-Carboxylic Acids. <i>Solid State Phenomena</i> , <b>2009</b> , 152-153, 182-185	0.4	3
54	Contrast Variation in Small-Angle Neutron Scattering from Magnetic Fluids Stabilized by Different Mono-Carboxylic Acids. <i>Solid State Phenomena</i> , <b>2009</b> , 152-153, 186-189	0.4	8
53	Synthesis, characterization and drug delivery application of the temperature responsive pNIPA hydrogel. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 182, 012060	0.3	5
52	Characterization of magnetic nano-fluids via Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , <b>2009</b> , 191, 55-60	0.8	5
51	Investigation of nanostructured Fe <sub>3</sub> O <sub>4</sub> polypyrrole core-shell composites by X-ray absorption spectroscopy and X-ray diffraction using synchrotron radiation. <i>Journal of Nanoparticle Research</i> , <b>2009</b> , 11, 1429-1439	2.3	10
50	Comparative structure analysis of non-polar organic ferrofluids stabilized by saturated mono-carboxylic acids. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 334, 37-41	9.3	46
49	Small-angle neutron scattering contrast variation on magnetite-myristic acid-benzene magnetic fluid. <i>Journal of Surface Investigation</i> , <b>2009</b> , 3, 1-4	0.5	5

48	Superparamagnetic hybrid micelles, based on iron oxide nanoparticles and well-defined diblock copolymers possessing beta-ketoester functionalities. <i>Biomacromolecules</i> , <b>2009</b> , 10, 2662-71	6.9	45
47	Magnetic Nanofluids: Synthesis and Structure <b>2009</b> , 650-728		26
46	Characterization of magnetic nano-fluids via Mössbauer spectroscopy <b>2009</b> , 385-390		
45	NR study of the properties of Fe <sub>3</sub> O <sub>4</sub> -based nanostructured magnetic systems. <i>JETP Letters</i> , <b>2008</b> , 88, 210-213	1.2	3
44	Surfactant double layer stabilized magnetic nanofluids for biomedical application. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 204103	1.8	53
43	Ferrofluids and Magnetorheological Fluids. <i>Advances in Science and Technology</i> , <b>2008</b> , 54, 127-136	0.1	71
42	Magnetite Nanoparticles Stabilized Under Physiological Conditions for Biomedical Application <b>2008</b> , 29-37		10
41	Photochemistry Aspects of the Laser Pyrolysis Addressing the Preparation of Oxide Semiconductor Photocatalysts. <i>International Journal of Photoenergy</i> , <b>2008</b> , 2008, 1-11	2.1	4
40	High accuracy photopyroelectric investigation of dynamic thermal parameters of Fe <sub>3</sub> O <sub>4</sub> and CoFe <sub>2</sub> O <sub>4</sub> magnetic nanofluids. <i>Journal of Nanoparticle Research</i> , <b>2008</b> , 10, 1329-1336	2.3	19
39	Rheological characterization of complex fluids in electro-magnetic fields. <i>Journal of Non-Newtonian Fluid Mechanics</i> , <b>2008</b> , 154, 22-30	2.7	19
38	Iron/iron oxides core-shell nanoparticles by laser pyrolysis: Structural characterization and enhanced particle dispersion. <i>Applied Surface Science</i> , <b>2007</b> , 254, 1048-1052	6.7	26
37	Magnetic nanoparticles and concentrated magnetic nanofluids: Synthesis, properties and some applications. <i>Particuology: Science and Technology of Particles</i> , <b>2007</b> , 5, 43-49		156
36	Application of some magnetic nanocompounds in the protection against sun radiation. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 311, 363-366	2.8	4
35	On the possibility of using short chain length mono-carboxylic acids for stabilization of magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 311, 6-9	2.8	42
34	Sterically stabilized water based magnetic fluids: Synthesis, structure and properties. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 311, 17-21	2.8	169
33	Magnetic interactions in water based ferrofluids studied by Mössbauer spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 016205	1.8	41
32	Concentration and temperature effect in microstructure of ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 300, e221-e224	2.8	2
31	Structural organization of water-based ferrofluids with sterical stabilization as revealed by SANS. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 300, e225-e228	2.8	21

30	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> , <b>2006</b> , 295, 100-7	9.3	45
29	Concentrated magnetic fluids on water and short chain length organic carriers. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 289, 50-53	2.8	15
28	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> , <b>2005</b> , 31, 201-221	3.6	5
27	The light-induced structuralization in magnetic fluids with negative Soret constant. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 289, 292-294	2.8	1
26	The Use of the Nanomagnetic Fluids and the Magnetic Field to Enhance the Production of Composite by RTM $\square$ MNF. <i>Molecular Crystals and Liquid Crystals</i> , <b>2004</b> , 418, 29-40	0.5	3
25	Application of Magnetizable Complex Systems in Biomedicine. <i>European Physical Journal D</i> , <b>2004</b> , 54, 599-606		8
24	Light Induced Structuralization in Magnetic Fluids with Negative Soret Constant. <i>European Physical Journal D</i> , <b>2004</b> , 54, 655-658		
23	On the magnetic structure of magnetite/oleic acid/benzene ferrofluids by small-angle neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 270, 371-379	2.8	35
22	Investigations of a magnetorheological fluid damper. <i>IEEE Transactions on Magnetics</i> , <b>2004</b> , 40, 469-472	2	39
21	Aggregation in non-ionic water-based ferrofluids by small-angle neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2003</b> , 258-259, 452-455	2.8	12
20	Estimation of magnetic particle clustering in magnetic fluids from static magnetization experiments. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 264, 141-7	9.3	23
19	SANS study of concentration effect in magnetite/oleic acid/benzene ferrofluid. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s943-s944	2.6	14
18	SANS study of particle concentration influence on ferrofluid nanostructure. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 252, 86-88	2.8	13
17	Preparation and magnetic properties of concentrated magnetic fluids on alcohol and water carrier liquids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 252, 10-12	2.8	46
16	. <i>European Physical Journal E</i> , <b>2002</b> , 7, 209-220	1.5	19
15	The antitumor effect of locoregional magnetic cobalt ferrite in dog mammary adenocarcinoma. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 225, 235-240	2.8	37
14	Concentration and composition dependence of rheological and magnetorheological properties of some magnetic fluids <b>2001</b> , 104-109		18
13	Physical Properties of Magnetic Fluids and Nanoparticles from Magnetic and Magneto-rheological Measurements. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 231, 247-254	9.3	55



12	Concentration and composition dependence of the rheological behaviour of some magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 201, 159-162	2.8	13
11	Magnetic fluids in aerodynamic measuring devices. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 201, 385-390	2.8	24
10	Composite magnetofluidic media in microgravity. <i>Advances in Space Research</i> , <b>1998</b> , 22, 1237-1240	2.4	
9	Some applications of inductive transducers with magnetic liquids. <i>Sensors and Actuators A: Physical</i> , <b>1997</b> , 59, 197-200	3.9	13
8	. <i>IEEE Transactions on Magnetics</i> , <b>1994</b> , 30, 936-938	2	13
7	Inductive transducers with magnetic fluids. <i>Sensors and Actuators A: Physical</i> , <b>1992</b> , 32, 678-681	3.9	9
6	Application orientated researches on magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1990</b> , 85, 219-226	2.8	105
5	The behaviour of magnetic fluids under strong nonuniform magnetic field in rotating seal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 65, 223-226	2.8	9
4	Magnetic fluid seals: Some design problems and applications. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 65, 379-381	2.8	9
3	Ferrofluid flow under the influence of rotating magnetic fields. <i>IEEE Transactions on Magnetics</i> , <b>1980</b> , 16, 283-287	2	7
2	Statistical model calculation of the branching ratios of $N^*$ (1470). <i>Acta Physica Academiae Scientiarum Hungaricae</i> , <b>1969</b> , 26, 417-419		
1	Ferrofluids and Magnetorheological Fluids. <i>Advances in Science and Technology</i> , 127-136	0.1	4