

Petr I Nikitin

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149
papers

2,970
citations

31
h-index

48
g-index

169
ext. papers

3,693
ext. citations

5
avg, IF

5.38
L-index

#	Paper	IF	Citations
149	Surface plasmon resonance interferometer for bio- and chemical-sensors. <i>Optics Communications</i> , 1998 , 150, 5-8	2	153
148	New type of biosensor based on magnetic nanoparticle detection. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 311, 445-449	2.8	148
147	Surface plasmon resonance interferometry for biological and chemical sensing. <i>Sensors and Actuators B: Chemical</i> , 1999 , 54, 43-50	8.5	126
146	Phase jumps and interferometric surface plasmon resonance imaging. <i>Applied Physics Letters</i> , 1999 , 75, 3917-3919	3.4	120
145	Surface plasmon resonance interferometry for micro-array biosensing. <i>Sensors and Actuators A: Physical</i> , 2000 , 85, 189-193	3.9	109
144	Biocomputing based on particle disassembly. <i>Nature Nanotechnology</i> , 2014 , 9, 716-22	28.7	97
143	Advanced Smart Nanomaterials with Integrated Logic-Gating and Biocomputing: Dawn of Theranostic Nanorobots. <i>Chemical Reviews</i> , 2018 , 118, 10294-10348	68.1	90
142	Nanoparticle-based drug delivery via RBC-hitchhiking for the inhibition of lung metastases growth. <i>Nanoscale</i> , 2019 , 11, 1636-1646	7.7	81
141	Interferometer based on a surface-plasmon resonance for sensor applications. <i>Quantum Electronics</i> , 1997 , 27, 653-654	1.8	70
140	Magnetic immunoassay for detection of staphylococcal toxins in complex media. <i>Analytical Chemistry</i> , 2013 , 85, 1154-63	7.8	67
139	Multiplex Biosensing Based on Highly Sensitive Magnetic Nanolabel Quantification: Rapid Detection of Botulinum Neurotoxins A, B, and E in Liquids. <i>Analytical Chemistry</i> , 2016 , 88, 10419-10426	7.8	62
138	Rapid dry-reagent immunomagnetic biosensing platform based on volumetric detection of nanoparticles on 3D structures. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 423-9	11.8	57
137	Enhancement of the blood-circulation time and performance of nanomedicines via the forced clearance of erythrocytes. <i>Nature Biomedical Engineering</i> , 2020 , 4, 717-731	19	54
136	Surface plasmon resonance bio- and chemical sensors with phase-polarisation contrast. <i>Sensors and Actuators B: Chemical</i> , 1999 , 54, 51-56	8.5	43
135	Ultrasensitive detection enabled by nonlinear magnetization of nanomagnetic labels. <i>Nanoscale</i> , 2018 , 10, 11642-11650	7.7	40
134	Rapid lateral flow assays based on the quantification of magnetic nanoparticle labels for multiplexed immunodetection of small molecules: application to the determination of drugs of abuse. <i>Mikrochimica Acta</i> , 2019 , 186, 621	5.8	40
133	Phase-polarisation contrast for surface plasmon resonance biosensors. <i>Biosensors and Bioelectronics</i> , 1998 , 13, 1263-9	11.8	40

132	Magnetic Immunoassays. <i>Sensor Letters</i> , 2007 , 5, 296-299	0.9	40
131	Dark-field surface plasmon resonance microscopy. <i>Optics Communications</i> , 2000 , 174, 151-155	2	39
130	MPQ-cytometry: a magnetism-based method for quantification of nanoparticle-cell interactions. <i>Nanoscale</i> , 2016 , 8, 12764-72	7.7	39
129	Experimental study of spontaneous electric field generated by a laser plasma. <i>Applied Physics Letters</i> , 1998 , 73, 25-27	3.4	38
128	The Faraday effect in semimagnetic semiconductors. <i>Uspekhi Fizicheskikh Nauk</i> , 1990 , 33, 974-989		38
127	Nonlinear magnetic stochastic resonance: Noise-strength-constant-force diagrams. <i>Physical Review E</i> , 1997 , 56, 6400-6409	2.4	37
126	Quantitative real-time in vivo detection of magnetic nanoparticles by their nonlinear magnetization. <i>Journal of Applied Physics</i> , 2008 , 103, 07A304	2.5	36
125	Highly reproducible and sensitive detection of mycotoxins by label-free biosensors. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 1080-1084	8.5	35
124	Ultrasensitive quantitative detection of small molecules with rapid lateral-flow assay based on high-affinity bifunctional ligand and magnetic nanolabels. <i>Analytica Chimica Acta</i> , 2018 , 1034, 161-167	6.6	35
123	Multiplex biosensing with highly sensitive magnetic nanoparticle quantification method. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 459, 260-264	2.8	34
122	Spectral-phase interference method for detecting biochemical reactions on a surface. <i>Quantum Electronics</i> , 2000 , 30, 1099-1104	1.8	34
121	Experimental observation of magnetostochastic resonance. <i>Journal of Applied Physics</i> , 1994 , 76, 6335-6337		34
120	Amorphous magnetic films produced by pulsed laser deposition. <i>Journal of Applied Physics</i> , 1997 , 82, 1408-1415	2.5	32
119	Surface plasmon resonance as a tool for investigation of non-covalent nanoparticle interactions in heterogeneous self-assembly & disassembly systems. <i>Biosensors and Bioelectronics</i> , 2017 , 88, 3-8	11.8	31
118	Highly sensitive room-temperature method of non-invasive in vivo detection of magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1658-1661	2.8	31
117	Phase properties of a surface-plasmon resonance from the viewpoint of sensor applications. <i>Quantum Electronics</i> , 1998 , 28, 444-448	1.8	31
116	New direct optical biosensors for multi-analyte detection. <i>Sensors and Actuators B: Chemical</i> , 2003 , 90, 46-51	8.5	28
115	The detection of phenols in water using a surface plasmon resonance system with specific receptors. <i>Sensors and Actuators B: Chemical</i> , 1998 , 51, 305-310	8.5	27

114	A new real-time method for investigation of affinity properties and binding kinetics of magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 380, 231-235	2.8	26
113	Nanoparticle Beacons: Supersensitive Smart Materials with On/Off-Switchable Affinity to Biomedical Targets. <i>ACS Nano</i> , 2020 , 14, 1792-1803	16.7	26
112	Epitaxial yttrium iron garnet film as an active medium of an even-harmonic magnetic field transducer. <i>Sensors and Actuators A: Physical</i> , 2003 , 106, 270-273	3.9	25
111	Picoscope, a new label-free biosensor. <i>Sensors and Actuators B: Chemical</i> , 2005 , 111-112, 500-504	8.5	25
110	Analytical Platform with Selectable Assay Parameters Based on Three Functions of Magnetic Nanoparticles: Demonstration of Highly Sensitive Rapid Quantitation of Staphylococcal Enterotoxin B in Food. <i>Analytical Chemistry</i> , 2019 , 91, 9852-9857	7.8	24
109	Frequency mixing in a bistable system in the presence of noise. <i>Journal of Experimental and Theoretical Physics</i> , 1997 , 85, 343-350	1	24
108	Fast processes of nanoparticle blood clearance: Comprehensive study. <i>Journal of Controlled Release</i> , 2020 , 326, 181-191	11.7	24
107	Magnetic hybrid magnetite/metal organic framework nanoparticles: facile preparation, post-synthetic biofunctionalization and tracking in vivo with magnetic methods. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 449, 590-596	2.8	23
106	Generation and delivery of nanoaerosols from biological and biologically active substances. <i>Journal of Aerosol Science</i> , 2014 , 69, 48-61	4.3	23
105	Reversible conformational transitions of a polymer brush containing boronic acid and its interaction with mucin glycoprotein. <i>Macromolecular Bioscience</i> , 2011 , 11, 275-84	5.5	22
104	In vivo blockade of mononuclear phagocyte system with solid nanoparticles: Efficiency and affecting factors. <i>Journal of Controlled Release</i> , 2021 , 330, 111-118	11.7	22
103	Direct immunosensing by spectral correlation interferometry: assay characteristics versus antibody immobilization chemistry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 3955-64	4.4	20
102	Multiplex label-free biosensor for detection of autoantibodies in human serum: Tool for new kinetics-based diagnostics of autoimmune diseases. <i>Biosensors and Bioelectronics</i> , 2020 , 159, 112187	11.8	19
101	Nanomagnetic lateral flow assay for high-precision quantification of diagnostically relevant concentrations of serum TSH. <i>Talanta</i> , 2020 , 216, 120961	6.2	18
100	ZnO-based semimagnetic semiconductors: growth and magnetism aspects. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004 , 109, 196-199	3.1	18
99	Development and label-free investigation of logic-gating bilayers for smart biosensing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 971-979	8.5	18
98	Long-Term Fate of Magnetic Particles in Mice: A Comprehensive Study. <i>ACS Nano</i> , 2021 ,	16.7	17
97	Electric fields of a laser spark produced by radiation with various parameters. <i>Quantum Electronics</i> , 1997 , 27, 536-541	1.8	16

96	Frequency mixing phenomena in a bistable system. <i>Journal of Applied Physics</i> , 1996 , 79, 6113	2.5	16
95	. <i>IEEE Transactions on Magnetics</i> , 1995 , 31, 2491-2493	2	16
94	Dynamic light scattering biosensing based on analyte-induced inhibition of nanoparticle aggregation. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3423-3431	4.4	14
93	Silicon-based surface plasmon resonance chemical sensors. <i>Sensors and Actuators B: Chemical</i> , 1997 , 38, 53-57	8.5	14
92	A multi-purpose sensor based on surface plasmon polariton resonance in a Schottky structure. <i>Sensors and Actuators A: Physical</i> , 1994 , 42, 547-552	3.9	14
91	Interferometric detection of chloramphenicol via its immunochemical recognition at polymer-coated nano-corrugated surfaces. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 984-991	8.5	13
90	Development of Immunoassays Using Interferometric Real-Time Registration of Their Kinetics. <i>Acta Naturae</i> , 2014 , 6, 85-95	2.1	13
89	Binding of mucin to water-soluble and surface-grafted boronate-containing polymers. <i>Polymer Science - Series A</i> , 2012 , 54, 1-10	1.2	12
88	Synthetic peptide fragment (65-76) of monocyte chemotactic protein-1 (MCP-1) inhibits MCP-1 binding to heparin and possesses anti-inflammatory activity in stable angina patients after coronary stenting. <i>Inflammation Research</i> , 2011 , 60, 955-64	7.2	12
87	Electric fields of a laser plasma formed by optical breakdown of air near various targets. <i>Quantum Electronics</i> , 1998 , 28, 24-28	1.8	12
86	Visualisation of the angular dependence of the reflected-radiation phase under conditions of a surface-plasmon resonance and its sensor applications. <i>Quantum Electronics</i> , 1998 , 28, 835-839	1.8	12
85	Magnetic field fibre-optical sensors based on Faraday effect. <i>Sensors and Actuators A: Physical</i> , 1991 , 27, 767-774	3.9	12
84	New aspect of giant exciton Faraday rotation in Cd _{1-x} Mnx Te semimagnetic compound: Fundamentals and applications. <i>Sensors and Actuators A: Physical</i> , 1990 , 23, 875-878	3.9	12
83	Deposition of thin ferromagnetic films for application in magnetic sensor microsystems. <i>Sensors and Actuators A: Physical</i> , 1998 , 68, 442-446	3.9	11
82	Fire ball formation and evolution in the case of low-threshold optical breakdown plasma generation in ambient gases in front of various solid samples. <i>Journal of Applied Physics</i> , 1989 , 66, 5204-5215	2.5	11
81	A comprehensive study of interactions between lectins and glycoproteins for the development of effective theranostic nanoagents. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 464, 315-8	0.8	10
80	Detection of pyrethroids by spectral correlation interferometry. <i>Applied Biochemistry and Microbiology</i> , 2013 , 49, 306-311	1.1	10
79	Silicon-based surface plasmon resonance combined with surface-enhanced Raman scattering for chemical sensing. <i>Review of Scientific Instruments</i> , 1997 , 68, 2554-2557	1.7	10

78	Two-dimensional and zero-dimensional structures of semimagnetic semiconductors prepared by pulsed laser deposition. <i>Thin Solid Films</i> , 1998 , 336, 176-178	2.2	10
77	Platelet-shaped nanoparticles of PbI ₂ and PbMnI ₂ embedded in polymer matrix. <i>Materials Science and Engineering C</i> , 2002 , 19, 59-62	8.3	10
76	Optical and magneto-optical study of CdTe crystals doped with rare earth ions. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003 , 105, 161-164	3.1	10
75	Magnetostochastic resonance as a new method for investigations of surface and thin film magnetism. <i>Applied Surface Science</i> , 1996 , 92, 466-470	6.7	10
74	Two-dimensional treatment of nonlinear thermoelectricity in homogeneous metals. <i>Physical Review B</i> , 1990 , 42, 7405-7408	3.3	10
73	The Faraday effect in semimagnetic semiconductors. <i>Uspekhi Fizicheskikh Nauk</i> , 1990 , 160, 167	0.5	10
72	Antitumor effects of the combination of magnetohydrodynamic thermochemotherapy and magnetic resonance tomography. <i>Pharmaceutical Chemistry Journal</i> , 2010 , 44, 291-295	0.9	9
71	Innovative analytical system for screening on lectins. <i>Biosensors and Bioelectronics</i> , 2006 , 22, 28-34	11.8	9
70	Real-time detection of ochratoxin A in wine through insight of aptamer conformation in conjunction with graphene field-effect transistor.. <i>Biosensors and Bioelectronics</i> , 2021 , 200, 113890	11.8	9
69	Laser synthesis and magneto-optics of thin films of amorphous magnetics. <i>Quantum Electronics</i> , 1996 , 26, 375-376	1.8	8
68	Giant Faraday Rotation in CdTe Spin-Doped with Rare Earth Ions. <i>Physica Status Solidi (B): Basic Research</i> , 2002 , 229, 787-790	1.3	8
67	Study of biochemical reactions in thin organic films by means of evanescent optical wave. <i>Applied Surface Science</i> , 1996 , 92, 426-430	6.7	8
66	Nanobiosensing based on optically selected antibodies and superparamagnetic labels for rapid and highly sensitive quantification of polyvalent hepatitis B surface antigen. <i>Analytical Methods</i> , 2021 , 13, 2424-2433	3.2	8
65	Magnetic field sensors based on thin film multi-layer structures. <i>Sensors and Actuators A: Physical</i> , 2003 , 106, 26-29	3.9	7
64	Spin-tunneling magnetoresistive sensors. <i>Sensors and Actuators A: Physical</i> , 2000 , 85, 221-226	3.9	7
63	. <i>IEEE Transactions on Magnetism</i> , 1993 , 29, 3399-3401	2	7
62	Thermoelectric phenomena in metals under large temperature gradients. <i>Journal of Applied Physics</i> , 1991 , 69, 3375-3377	2.5	7
61	. <i>IEEE Transactions on Magnetism</i> , 1992 , 28, 3246-3248	2	7

60	Laser-plasma generation of currents along a conductive target. <i>Journal of Applied Physics</i> , 1990 , 68, 3140-3146	2.3	7
59	Synthesis and Characterization of Hybrid Core-Shell Fe ₃ O ₄ /SiO ₂ Nanoparticles for Biomedical Applications. <i>Acta Naturae</i> , 2017 , 9, 58-65	2.1	7
58	Non-Invasive in vivo Mapping and Long-Term Monitoring of Magnetic Nanoparticles in Different Organs of Animals 2010 ,		6
57	Faraday effect in thin amorphous magnetic films. <i>Sensors and Actuators A: Physical</i> , 1997 , 59, 323-326	3.9	6
56	Technological aspects of fabrication of semimagnetic semiconductor nanocrystals. <i>Materials Science and Engineering C</i> , 2001 , 15, 79-81	8.3	6
55	Faraday effect in CdMnTe nanocrystals grown by the laser deposition method. <i>Quantum Electronics</i> , 1998 , 28, 561-563	1.8	6
54	. <i>IEEE Transactions on Magnetics</i> , 1993 , 29, 3422-3424	2	6
53	Investigation of currents accompanying optical breakdown in air near a conducting target. <i>Soviet Journal of Quantum Electronics</i> , 1981 , 11, 923-928		6
52	Rapid and Easy-to-Use Method for Accurate Characterization of Target Binding and Kinetics of Magnetic Particle Bioconjugates for Biosensing. <i>Sensors</i> , 2021 , 21,	3.8	6
51	Magnetometry based method for investigation of nanoparticle clearance from circulation in a liver perfusion model. <i>Nanotechnology</i> , 2019 , 30, 105101	3.4	6
50	Observation of stochastic resonance in a monostable magnetic system. <i>JETP Letters</i> , 1997 , 65, 828-832	1.2	5
49	Ferromagnetic liquid droplets. <i>JETP Letters</i> , 1998 , 67, 723-726	1.2	5
48	Synthesis of polymer magnetic microspheres for immunomagneto-metric assay. <i>Polymer Science - Series A</i> , 2006 , 48, 353-358	1.2	5
47	Laser and sputter-deposited amorphous films for stress detection. <i>Sensors and Actuators A: Physical</i> , 2000 , 81, 254-257	3.9	5
46	New method of magnetic field and current generation outside laser plasma. <i>Applied Physics Letters</i> , 1996 , 68, 173-175	3.4	5
45	Systematic Review of Cancer Targeting by Nanoparticles Revealed a Global Association between Accumulation in Tumors and Spleen. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
44	Designing a magnetic inductive micro-electrode for virus monitoring: modelling and feasibility for hepatitis B virus. <i>Mikrochimica Acta</i> , 2020 , 187, 463	5.8	5
43	Spectral-Phase Interferometry Detection of Ochratoxin A via Aptamer-Functionalized Graphene Coated Glass. <i>Nanomaterials</i> , 2021 , 11,	5.4	5

42	Spatial features of laser deposition of amorphous Co-Fe-B-Si magnetic films in an inhomogeneous magnetic field. <i>Quantum Electronics</i> , 1998 , 28, 78-80	1.8	4
41	Evidence of ferromagnetic behavior of small liquid droplets produced from amorphous alloys by laser ablation. <i>Applied Physics Letters</i> , 1998 , 72, 3455-3457	3.4	4
40	Synthesis of sheet conductive layers on the surface of some insulator ceramics (TiO ₂ , ZrO ₂ , HfO ₂) by multipulse CO ₂ -laser irradiation in an ammonia atmosphere. <i>Journal of Applied Physics</i> , 1989 , 66, 3682-3687	2.5	4
39	Metallic thin-film diffraction grating as a new type of radiation detector. <i>Sensors and Actuators A: Physical</i> , 1990 , 22, 498-502	3.9	4
38	Fiber optic magnetic field sensors based on Faraday effect in new materials 1991 ,		4
37	Direct photoacoustic measurement of silicon nanoparticle degradation promoted by a polymer coating. <i>Chemical Engineering Journal</i> , 2022 , 430, 132860	14.7	4
36	Nonviral Locally Injected Magnetic Vectors for In Vivo Gene Delivery: A Review of Studies on Magnetofection. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
35	Magneto-hydrodynamic Thermochemotherapy and MRI of Malignant Tumorigenesis. <i>Solid State Phenomena</i> , 2012 , 190, 717-720	0.4	3
34	Space-time structure of the magnetic field of a laser plasma and methods for its enhancement outside the plasma. <i>Physical Review E</i> , 1997 , 55, 3393-3399	2.4	3
33	A new technique for high frequency sub-threshold magnetic field sensing in nanometer scale based upon magnetostochastic resonance. <i>Sensors and Actuators A: Physical</i> , 1997 , 59, 277-279	3.9	3
32	Enhancement of magneto-optical effects in ZnHgMnTe solid solutions. <i>Journal of Crystal Growth</i> , 1999 , 197, 698-701	1.6	3
31	Development of immunoassays using interferometric real-time registration of their kinetics. <i>Acta Naturae</i> , 2014 , 6, 85-95	2.1	3
30	Complexes of magnetic nanoparticles and scFv antibodies for targeting and visualizing cancer cells 2015 ,		2
29	Effect of the C-terminal domain peptide fragment (65-76) of monocytic chemotactic protein-1 (MCP-1) on the interaction between MCP-1 and heparin. <i>Doklady Biological Sciences</i> , 2010 , 433, 289-92	0.9	2
28	Detection of nitrogen dioxide by means of a gold film in a surface-plasmon resonance scheme. <i>Technical Physics Letters</i> , 1997 , 23, 920-922	0.7	2
27	Picoscopes, New Label-Free Biosensors 2008 ,		2
26	Optical picoscopes: new opportunities for biosensing and for molecular technologies 2007 ,		2
25	Giant magnetoresistance of semimagnetic semiconductors and applications for magnetic field sensors. <i>Sensors and Actuators A: Physical</i> , 2001 , 91, 173-176	3.9	2

24	Multichannel optical biosensors for label-free high-throughput screening 2002 , 4578, 126		2
23	Pesticide sensing by surface-plasmon resonance 1995 ,		2
22	Electromagnetic diagnostics during pulsed laser deposition. <i>Applied Surface Science</i> , 1996 , 96-98, 139-148.7		2
21	Magnetic-field sensors for non-disturbing and wide-band measurements. <i>Sensors and Actuators A: Physical</i> , 1992 , 32, 671-677	3.9	2
20	Magnetofection In Vivo by Nanomagnetic Carriers Systemically Administered into the Bloodstream. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
19	Synthesis and Characterization of Hybrid Core-Shell Fe ₃ O ₄ /SiO ₂ Nanoparticles for Biomedical Applications. <i>Acta Naturae</i> , 2017 , 9, 58-65	2.1	2
18	Data on characterization of glass biochips and validation of the label-free biosensor for detection of autoantibodies in human serum. <i>Data in Brief</i> , 2020 , 30, 105648	1.2	2
17	Laser Synthesized Core-Satellite Fe-Au Nanoparticles for Multimodal In Vivo Imaging and In Vitro Photothermal Therapy. <i>Pharmaceutics</i> , 2022 , 14, 994	6.4	2
16	Synthesis of Luminescent Magnetic Nanoparticles with Controllable Surface Properties 2018 ,		1
15	Sandwiched thin-film structures for the magnetoresistive spin-tunnelling sensors. <i>Sensors and Actuators A: Physical</i> , 2000 , 81, 57-59	3.9	1
14	Growth and investigation of ZnHgMnTe crystals for magnetic field sensors. <i>Sensors and Actuators A: Physical</i> , 2000 , 81, 240-243	3.9	1
13	Phase jump under surface plasmon resonance and its use for biosensing and microscopy 1999 ,		1
12	Optoelectrical gas sensors based on surface plasmon resonance in Si-structure 1995 ,		1
11	Express high-sensitive detection of ochratoxin A in food by a lateral flow immunoassay based on magnetic biolabels.. <i>Food Chemistry</i> , 2022 , 383, 132427	8.5	1
10	Anisotropic Faraday Rotation of Cubic Semimagnetic Semiconductor Cd _{1-x} Fe _x Te. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, 393	1.4	1
9	Volumetric registration of magnetic nanoparticles for optimization of quantitative immunochromatographic assays for detection of small molecules. <i>EPJ Web of Conferences</i> , 2018 , 185, 10006	0.3	1
8	Data on characterization and validation of assays for ultrasensitive quantitative detection of small molecules: Determination of free thyroxine with magnetic and interferometric methods. <i>Data in Brief</i> , 2018 , 21, 1603-1611	1.2	0
7	Macrophage blockade using nature-inspired ferrihydrite for enhanced nanoparticle delivery to tumor.. <i>International Journal of Pharmaceutics</i> , 2022 , 621, 121795	6.5	0

- 6 Combined Photodynamic Thermochemotherapy of Glial Tumors Controlled by MRI and Electronic Sensor. *Solid State Phenomena*, **2015**, 233-234, 757-760 0.4
- 5 Synthesis of magnetic silica nanomarkers with controlled physicochemical properties. *Doklady Biochemistry and Biophysics*, **2016**, 470, 335-337 0.8
- 4 Inhibitor of inflammation, peptide fragment (6576) of monocyte chemotactic protein-1 (MCP-1), inhibits binding of MCP-1 to heparin. *Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology*, **2011**, 5, 29-36 0.7
- 3 Magneto-Optical Study of Diluted Magnetic Semiconductor Nanostructures Prepared by Pulsed Laser Deposition. *Journal of Superconductivity and Novel Magnetism*, **2003**, 16, 465-468
- 2 Magneto-optical characterization of magnetic photorefractive semiconductors. *Optical Materials*, **2001**, 18, 147-149 3.3
- 1 Smart integrated transducer for an optoelectronic (bio-) chemical sensor **1994**, 2361, 375