Irina Y Goryacheva

List of Publications by Year in Descending Order

150 papers	3,037 citations	32 h-index	48 g-index
197 ext. papers	3,593 ext. citations	5.4 avg, IF	5.43 L-index

#	Paper	IF	Citations
150	Bifunctional luminescent-magnetic composite particles synthesis. *Materials Letters*, **2022**, 314, 131831	3.3	
149	Heart failure biomarkers BNP and NT-proBNP detection using optical labels. *TrAC - Trends in Analytical Chemistry*, **2022**, 146, 116477	14.6	1
148	A photonic dual nano-hybrid assay for detection of cell-free circulating mitochondrial DNA. *Journal of Pharmaceutical and Biomedical Analysis*, **2022**, 208, 114441	3.5	1
147	Influence of particle architecture on the photoluminescence properties of silica-coated CdSe core/shell quantum dots.. *Analytical and Bioanalytical Chemistry*, **2022**, 1	4.4	0
146	Luminescent alloyed quantum dots for turn-off enzyme-based assay.. *Analytical and Bioanalytical Chemistry*, **2022**, 1	4.4	
145	Controlled release of α-amylase from microchamber arrays containing carbon nanoparticle aggregates. *Mendeleev Communications*, **2021**, 31, 869-871	1.9	1
144	Substituted 2-(ortho-hydroxyaryl)cyclopenta[b]pyridines: Synthesis and Fluorescent Properties under Neutral, Acidic Medium and Solid State. *ChemistrySelect*, **2021**, 6, 11375-11380	1.8	0
143	Luminescence Semiconductor Quantum Dots in Chemical Analysis. *Journal of Analytical Chemistry*, **2021**, 76, 273-283	1.1	2
142	Fluorescent Convertible Capsule Coding Systems for Individual Cell Labeling and Tracking. *ACS Applied Materials & Interfaces*, **2021**, 13, 19701-19709	9.5	2
141	Point-of-care diagnostics approaches for detection of lung cancer-associated circulating miRNAs. *Drug Discovery Today*, **2021**, 26, 1501-1509	8.8	3
140	Immuno-cytometric detection of circulating cell free methylated DNA, post-translationally modified histones and micro RNAs using semi-conducting nanocrystals. *Talanta*, **2021**, 222, 121516	6.2	5
139	High-fluorescent product of folic acid photodegradation: Optical properties and cell effect. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 407, 113045	4.7	0
138	Homogenous FRET-based fluorescent immunoassay for deoxynivalenol detection by controlling the distance of donor-acceptor couple. *Talanta*, **2021**, 225, 121973	6.2	7
137	Photoluminescence-based immunochemical methods for determination of C-reactive protein and procalcitonin. *Talanta*, **2021**, 224, 121837	6.2	4
136	Gold based nano-photonic approach for point-of-care detection of circulating long non-coding RNAs. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2021**, 36, 102413	6	0
135	Nets of biotin-derived gold nanoparticles as a label for the C-reactive protein immunoassay. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 6867-6875	4.4	0
134	"Smart" Polylactic Acid Films with Ceftriaxone Loaded Microchamber Arrays for Personalized Antibiotic Therapy.. *Pharmaceutics*, **2021**, 14,	6.4	2

133	Silanized Luminescent Quantum Dots for the Simultaneous Multicolor Lateral Flow Immunoassay of Two Mycotoxins. *ACS Applied Materials & Interfaces*, **2020**, 12, 24575-24584	9.5	30
132	Molecularly imprinted polyaniline for detection of horseradish peroxidase. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 6509-6517	4.4	9
131	Immune cell engineering: opportunities in lung cancer therapeutics. *Drug Delivery and Translational Research*, **2020**, 10, 1203-1227	6.2	1
130	Fluorescent AgInS/ZnS quantum dots microplate and lateral flow immunoassays for folic acid determination in juice samples. *Mikrochimica Acta*, **2020**, 187, 427	5.8	10
129	Mapping the Mitochondrial Regulation of Epigenetic Modifications in Association With Carcinogenic and Noncarcinogenic Polycyclic Aromatic Hydrocarbon Exposure. *International Journal of Toxicology*, **2020**, 39, 465-476	2.4	10
128	Quantum dot nanoconjugates for immuno-detection of circulating cell-free miRNAs. *Talanta*, **2020**, 208, 120486	6.2	9
127	Soft glass multi-channel capillaries as a platform for bioimprinting. *Talanta*, **2020**, 208, 120445	6.2	3
126	Carbon Nanoparticles and Materials on Their Basis. *Colloids and Interfaces*, **2020**, 4, 42	3	5
125	Site-specific release of reactive oxygen species from ordered arrays of microchambers based on polylactic acid and carbon nanodots. *Journal of Materials Chemistry B*, **2020**, 8, 7977-7986	7.3	5
124	Molecular nature of breakdown of the folic acid under hydrothermal treatment: a combined experimental and DFT study. *Scientific Reports*, **2020**, 10, 19668	4.9	4
123	Enzyme modulation of quantum dot luminescence: Application in bioanalysis. *TrAC - Trends in Analytical Chemistry*, **2020**, 127, 115897	14.6	4
122	Nanobiosensors: Point-of-care approaches for cancer diagnostics. *Biosensors and Bioelectronics*, **2019**, 130, 147-165	11.8	63
121	One step hydrothermal functionalization of gold nanoparticles with folic acid. *Colloids and Surfaces B: Biointerfaces*, **2019**, 181, 533-538	6	5
120	Exposure to ultrafine particulate matter induces NF-□mediated epigenetic modifications. *Environmental Pollution*, **2019**, 252, 39-50	9.3	34
119	Composite multilayer films based on polyelectrolytes and in situ-formed carbon nanostructures with enhanced photoluminescence and conductivity properties. *Journal of Applied Polymer Science*, **2019**, 136, 47718	2.9	5
118	Silanized quantum dots as labels in lateral flow test strips for C-reactive protein. *Analytical Letters*, **2019**, 52, 1874-1887	2.2	7
117	Silanization of quantum dots: Challenges and perspectives. *Talanta*, **2019**, 205, 120164	6.2	10
116	Luminescent carbon nanostructures for microRNA detection. *TrAC - Trends in Analytical Chemistry*, **2019**, 119, 115613	14.6	9

115	Gel electrophoresis separation and origins of light emission in fluorophores prepared from citric acid and ethylenediamine. *Scientific Reports*, **2019**, 9, 14665	4.9	9
114	Luminescent carbon nanoparticles separation and purification. *Advances in Colloid and Interface Science*, **2019**, 274, 102043	14.3	11
113	Water-dispersed luminescent quantum dots for miRNA detection. *TrAC - Trends in Analytical Chemistry*, **2019**, 111, 197-205	14.6	16
112	Discrimination of whiskies using an "add-a-fluorophore" fluorescent fingerprinting strategy. *Microchemical Journal*, **2019**, 145, 397-405	4.8	6
111	Air pollution associated epigenetic modifications: Transgenerational inheritance and underlying molecular mechanisms. *Science of the Total Environment*, **2019**, 656, 760-777	10.2	57
110	Bioimprinting for multiplex luminescent detection of deoxynivalenol and zearalenone. *Talanta*, **2019**, 192, 169-174	6.2	12
109	Luminescence and photoelectrochemical properties of size-selected aqueous copper-doped Ag-In-S quantum dots.. *RSC Advances*, **2018**, 8, 7550-7557	3.7	40
108	Sample pretreatment and SERS-based detection of ceftriaxone in urine. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 2221-2227	4.4	24
107	Microstructured optical fiber-based luminescent biosensing: Is there any light at the end of the tunnel? - A review. *Analytica Chimica Acta*, **2018**, 1019, 14-24	6.6	17
106	A lateral flow immunoassay for straightforward determination of fumonisin mycotoxins based on the quenching of the fluorescence of CdSe/ZnS quantum dots by gold and silver nanoparticles. *Mikrochimica Acta*, **2018**, 185, 94	5.8	73
105	Capacitive sensor for detection of benzo(a)pyrene in water. *Talanta*, **2018**, 190, 219-225	6.2	17
104	Imprinted proteins as a receptor for detection of zearalenone. *Analytica Chimica Acta*, **2018**, 1040, 99-106	4.6	7
103	Microstructured Waveguides with Polyelectrolyte-Stabilized Gold Nanostars for SERS Sensing of Dissolved Analytes. *Materials*, **2018**, 11,	3.5	2
102	Thermal carbonization in nanoscale reactors: controlled formation of carbon nanodots inside porous CaCO microparticles. *Scientific Reports*, **2018**, 8, 9394	4.9	5
101	Delivery and reveal of localization of upconversion luminescent microparticles and quantum dots in the skin in vivo by fractional laser microablation, multimodal imaging, and optical clearing. *Journal of Biomedical Optics*, **2018**, 23, 1-11	3.5	7
100	Ultrafine particulate matter impairs mitochondrial redox homeostasis and activates phosphatidylinositol 3-kinase mediated DNA damage responses in lymphocytes. *Environmental Pollution*, **2018**, 234, 406-419	9.3	45
99	Dispersion of optical and structural properties in gel column separated carbon nanoparticles. *Carbon*, **2018**, 127, 541-547	10.4	16
98	Luminescent quantum dots for miRNA detection. *Talanta*, **2018**, 179, 456-465	6.2	29

97	Epigenetic Biomarkers for Risk Assessment of Particulate Matter Associated Lung Cancer. *Current Drug Targets*, **2018**, 19, 1127-1147	3	22
96	Carbon dot aggregates as an alternative to gold nanoparticles for the laser-induced opening of microchamber arrays. *Soft Matter*, **2018**, 14, 9012-9019	3.6	11
95	Fabrication and photoluminescent properties of Tb doped carbon nanodots. *Scientific Reports*, **2018**, 8, 16301	4.9	6
94	Quantum Dot Based Nano-Biosensors for Detection of Circulating Cell Free miRNAs in Lung Carcinogenesis: From Biology to Clinical Translation. *Frontiers in Genetics*, **2018**, 9, 616	4.5	43
93	SERS detection of ceftriaxone and sulfadimethoxine using copper nanoparticles temporally protected by porous calcium carbonate. *Mikrochimica Acta*, **2018**, 185, 481	5.8	16
92	Solvothermal synthesis of hydrophobic carbon dots in reversed micelles. *Journal of Nanoparticle Research*, **2018**, 20, 1	2.3	8
91	Raman spectroscopy based analysis inside photonic-crystal fibers. *TrAC - Trends in Analytical Chemistry*, **2017**, 88, 185-197	14.6	13
90	Fluorescently labelled multiplex lateral flow immunoassay based on cadmium-free quantum dots. *Methods*, **2017**, 116, 141-148	4.6	25
89	Carbon nanodots: Mechanisms of photoluminescence and principles of application. *TrAC - Trends in Analytical Chemistry*, **2017**, 90, 27-37	14.6	54
88	Lanthanide-to-quantum dot F□ster resonance energy transfer (FRET): Application for immunoassay. *Talanta*, **2017**, 164, 377-385	6.2	37
87	A luminescence immunoassay test method for determining benzo[a]pyrene in natural water. *Journal of Analytical Chemistry*, **2017**, 72, 597-601	1.1	2
86	~~M~~dification of the internal surface of photonic crystal fibers with Ag and Au nanoparticles for application as sensor elements **2017**,		1
85	Control of Adsorption Horseradish Peroxidase on the Surface of Glass Multicapillary by Using a Polyelectrolyte on Layer-by-Layer Technology. *Nanotechnologies in Russia*, **2017**, 12, 480-484	0.6	1
84	The red shift of the semiconductor quantum dots luminescence maximum in the hollow core photonic crystal fibers. *Optical Materials*, **2017**, 73, 423-427	3.3	7
83	Calcium carbonate microparticles with embedded silver and magnetite nanoparticles as new SERS-active sorbent for solid phase extraction. *Mikrochimica Acta*, **2017**, 184, 3937-3944	5.8	21
82	Luminescent carbon nanoparticles: synthesis, methods of investigation, applications. *Russian Chemical Reviews*, **2017**, 86, 1157-1171	6.8	19
81	Controlled chemical modification of the internal surface of photonic crystal fibers for application as biosensitive elements. *Optical Materials*, **2016**, 60, 283-289	3.3	7
80	Rapid Tests Progress Through the Years. *Comprehensive Analytical Chemistry*, **2016**, 5-32	1.9	

79	Labels for Optical Immunotests. *Comprehensive Analytical Chemistry*, **2016**, 72, 79-131	1.9	
78	Rapid Multiplex Immunotests. *Comprehensive Analytical Chemistry*, **2016**, 72, 133-161	1.9	
77	Prospective Materials for Rapid Tests: Examples of Multifunctionality and Multiplexity. *Comprehensive Analytical Chemistry*, **2016**, 72, 163-193	1.9	
76	Formats of Rapid Immunotests Current-Day Formats, Perspectives, Pros and Cons. *Comprehensive Analytical Chemistry*, **2016**, 72, 33-78	1.9	1
75	Silanized liposomes loaded with luminescent quantum dots as label for mycotoxin detection **2016**,		1
74	The study of the formation of monolayers of quantum dots at different temperatures **2016**,		2
73	Chemometric analysis of luminescent quantum dots systems: Long way to go but first steps taken. *TrAC - Trends in Analytical Chemistry*, **2016**, 82, 164-174	14.6	13
72	Investigation of Multilayers Structures Based on the Langmuir-Blodgett Films of CdSe/ZnS Quantum Dots. *BioNanoScience*, **2016**, 6, 153-156	3.4	8
71	Hydrophilic quantum dots stability against an external low-strength electric field. *Applied Surface Science*, **2016**, 363, 259-263	6.7	5
70	Influence of electric field on the properties of the polymer stabilized luminescent quantum dots in aqueous solutions. *Journal of Luminescence*, **2016**, 176, 65-70	3.8	6
69	Synthesis of Hydrophilic CuInS2/ZnS Quantum Dots with Different Polymeric Shells and Study of Their Cytotoxicity and Hemocompatibility. *ACS Applied Materials & Interfaces*, **2016**, 8, 7613-22	9.5	36
68	A fluorescent immunochromatographic strip test using Quantum Dots for fumonisins detection. *Talanta*, **2016**, 150, 463-8	6.2	53
67	Synthesis, modification, bioconjugation of silica coated fluorescent quantum dots and their application for mycotoxin detection. *Biosensors and Bioelectronics*, **2016**, 79, 476-81	11.8	47
66	Multifunctional silver nanoparticle-doped silica for solid-phase extraction and surface-enhanced Raman scattering detection. *Journal of Nanoparticle Research*, **2016**, 18, 1	2.3	13
65	Sensitive QD@SiO2-based immunoassay for triplex determination of cereal-borne mycotoxins. *Talanta*, **2016**, 160, 66-71	6.2	25
64	Red and blue shifts of spectral luminescence band of CuInS2nanothermometers **2016**,		2
63	Thermosensitivity of nanothermometer: CdSe/ZnS vs. CuInS2/ZnS **2016**,		3
62	Fluorescent quantum dot hydrophilization with PAMAM dendrimer. *Journal of Nanoparticle Research*, **2016**, 18, 1	2.3	4

61	Bioconjugation of quantum dots: Review & impact on future application. *TrAC - Trends in Analytical Chemistry*, **2016**, 83, 31-48	14.6	76
60	Synthesis and bioanalytical applications of nanostructures multiloaded with quantum dots. *TrAC - Trends in Analytical Chemistry*, **2015**, 66, 53-62	14.6	33
59	Contemporary trends in the development of immunochemical methods for medical analysis. *Journal of Analytical Chemistry*, **2015**, 70, 903-914	1.1	4
58	Luminescence monitoring of particle delivery into rat skinin vivo **2015**,		1
57	Silica-coated liposomes loaded with quantum dots as labels for multiplex fluorescent immunoassay. *Talanta*, **2015**, 134, 120-125	6.2	34
56	Preparation and characterization of stable phospholipid-silica nanostructures loaded with quantum dots. *Journal of Materials Chemistry B*, **2015**, 3, 180-183	7.3	12
55	Polymer-coated fluorescent CdSe-based quantum dots for application in immunoassay. *Biosensors and Bioelectronics*, **2014**, 53, 225-31	11.8	79
54	Multi-analyte homogenous immunoassay based on quenching of quantum dots by functionalized graphene. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 4841-9	4.4	18
53	Simultaneous determination of several mycotoxins by rapid immunofiltration assay. *Journal of Analytical Chemistry*, **2014**, 69, 525-534	1.1	6
52	Hydrophilic, bright CuInS2 quantum dots as Cd-free fluorescent labels in quantitative immunoassay. *Langmuir*, **2014**, 30, 7567-75	4	66
51	Novel multiplex fluorescent immunoassays based on quantum dot nanolabels for mycotoxins determination. *Biosensors and Bioelectronics*, **2014**, 62, 59-65	11.8	103
50	Multi-detection of mycotoxins by membrane based flow-through immunoassay. *Food Control*, **2014**, 46, 462-469	6.2	27
49	Liposomes loaded with quantum dots for ultrasensitive on-site determination of aflatoxin M1 in milk products. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 7795-802	4.4	27
48	A systematic assessment of the variability of matrix effects in LC-MS/MS analysis of ergot alkaloids in cereals and evaluation of method robustness. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 5595-604	4.4	17
47	Fluorescent quantum dots: Synthesis, modification, and application in immunoassays. *Nanotechnologies in Russia*, **2013**, 8, 685-699	0.6	5
46	Immunochemical approach for zearalenone-4-glucoside determination. *Talanta*, **2013**, 106, 422-30	6.2	28
45	Nanosized labels for rapid immunotests. *TrAC - Trends in Analytical Chemistry*, **2013**, 46, 30-43	14.6	73
44	Preparation of water soluble zinc-blende CdSe/ZnS quantum dots. *Nanotechnologies in Russia*, **2013**, 8, 129-135	0.6	4

43	Quantum dot loaded liposomes as fluorescent labels for immunoassay. *Analytical Chemistry*, **2013**, 85, 7197-204	7.8	47
42	Anodic-stripping voltammetric immunoassay for ultrasensitive detection of low-abundance proteins using quantum dot aggregated hollow microspheres. *Chemistry - A European Journal*, **2013**, 19, 2496-503	4.8	87
41	Rapid and sensitive LC-MS/MS determination of ergot alkaloids in buffered solutions: application to in vitro testing of a clay-based mycotoxin binder. *World Mycotoxin Journal*, **2013**, 6, 105-115	2.5	7
40	Rapid immunochemical tests for qualitative and quantitative determination of T-2 and HT-2 toxins. *Analytical Methods*, **2012**, 4, 4244	3.2	6
39	Improved positive electrospray ionization of patulin by adduct formation: usefulness in liquid chromatography-tandem mass spectrometry multi-mycotoxin analysis. *Journal of Chromatography A*, **2012**, 1270, 334-9	4.5	23
38	A gel-based visual immunoassay for non-instrumental detection of chloramphenicol in food samples. *Analytica Chimica Acta*, **2012**, 751, 128-34	6.6	17
37	Immunochemical detection of masked mycotoxins: A short review. *World Mycotoxin Journal*, **2012**, 5, 281-287	2.5	19
36	Quantum dot based rapid tests for zearalenone detection. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 3013-24	4.4	69
35	Multiplex flow-through immunoassay formats for screening of mycotoxins in a variety of food matrices. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 265-78	4.4	45
34	Thin-layer chromatography of aflatoxins and zearalenones with Ecyclodextrins as mobile phase additives. *World Mycotoxin Journal*, **2011**, 4, 113-117	2.5	13
33	New approach to quantitative analysis of benzo[a]pyrene in food supplements by an immunochemical column test. *Talanta*, **2011**, 85, 151-6	6.2	11
32	The influence of synthetic conditions on optical properties of cadmium selenide quantum dots. *Nanotechnologies in Russia*, **2011**, 6, 516-521	0.6	1
31	A comparison of horseradish peroxidase, gold nanoparticles and qantum dots as labels in non-instrumental gel-based immunoassay. *Mikrochimica Acta*, **2011**, 175, 361-367	5.8	31
30	Immunochemical methods for rapid mycotoxin detection in food and feed **2011**, 135-167		2
29	Determination of Ochratoxin A in colored food products: Sample preparation and an immunoassay test method. *Journal of Analytical Chemistry*, **2010**, 65, 760-766	1.1	6
28	An immunochemical test for rapid screening of zearalenone and T-2 toxin. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 55-62	4.4	30
27	Gel-based immunotest for simultaneous detection of 2,4,6-trichlorophenol and ochratoxin A in red wine. *Analytica Chimica Acta*, **2010**, 672, 3-8	6.6	20
26	Non-instrumental immunochemical tests for rapid ochratoxin A detection in red wine. *Analytica Chimica Acta*, **2009**, 653, 97-102	6.6	36

25	Application of a new anti-zearalenone monoclonal antibody in different immunoassay formats. *Analytical and Bioanalytical Chemistry*, **2009**, 395, 1301-7	4.4	49
24	Immunochemical methods for the determination of mycotoxins. *Journal of Analytical Chemistry*, **2009**, 64, 768-785	1.1	35
23	Immunoaffinity pre-concentration combined with on-column visual detection as a tool for rapid aflatoxin M1 screening in milk. *Food Control*, **2009**, 20, 802-806	6.2	30
22	Rapid method for qualitative detection of in environmental samples. *Analytical Methods*, **2009**, 1, 170-176	3.2	7
21	Magnetic nanogold microspheres-based lateral-flow immunodipstick for rapid detection of aflatoxin B2 in food. *Biosensors and Bioelectronics*, **2009**, 25, 514-8	11.8	187
20	Gel-based immunoassay for non-instrumental detection of pyrene in water samples. *Talanta*, **2008**, 75, 517-22	6.2	20
19	New immunochemically-based field test for monitoring benzo[a]pyrene in aqueous samples. *Analytical Sciences*, **2008**, 24, 1613-7	1.7	14
18	Novel gel-based rapid test for non-instrumental detection of ochratoxin A in beer. *Analytical and Bioanalytical Chemistry*, **2008**, 390, 723-7	4.4	27
17	Supramolecular solid-phase extraction of ibuprofen and naproxen from sewage based on the formation of mixed supramolecular aggregates prior to their liquid chromatographic/photometric determination. *Journal of Chromatography A*, **2008**, 1210, 1-7	4.5	30
16	Fluorescent properties of aflatoxins in organized media based on surfactants, cyclodextrins, and calixresorcinarenes. *Journal of Analytical Chemistry*, **2008**, 63, 751-755	1.1	10
15	Extraction preconcentration with anionic surfactants in acidic solutions. *Journal of Analytical Chemistry*, **2007**, 62, 411-415	1.1	11
14	Immunochemical methods for rapid mycotoxin detection: evolution from single to multiple analyte screening: a review. *Food Additives and Contaminants*, **2007**, 24, 1169-83		117
13	Rapid all-in-one three-step immunoassay for non-instrumental detection of ochratoxin A in high-coloured herbs and spices. *Talanta*, **2007**, 72, 1230-4	6.2	36
12	Simultaneous non-instrumental detection of aflatoxin B1 and ochratoxin A using a clean-up tandem immunoassay column. *Analytica Chimica Acta*, **2007**, 590, 118-24	6.6	55
11	Development of a Fluorescence Polarization Immunoassay for Polycyclic Aromatic Hydrocarbons. *Analytical Letters*, **2007**, 40, 1445-1460	2.2	16
10	Approach for ochratoxin A fast screening in spices using clean-up tandem immunoassay columns with confirmation by high performance liquid chromatography-tandem mass spectrometry (HPLC-MS/MS). *Analytica Chimica Acta*, **2006**, 577, 38-45	6.6	66
9	Phosphorimetric determination of pyrene in gasoline and gasoline-contaminated soil samples. *Journal of Analytical Chemistry*, **2006**, 61, 809-812	1.1	1
8	Preconcentration and fluorimetric determination of polycyclic aromatic hydrocarbons based on the acid-induced cloud-point extraction with sodium dodecylsulfate. *Analytical and Bioanalytical Chemistry*, **2005**, 382, 1413-8	4.4	46

7	Analysis of polycyclic aromatic hydrocarbons by sensitized room temperature phosphorescence. *Environmental Chemistry Letters*, **2003**, 1, 82-85	13.3	6
6	Sensitized room temperature phosphorescence of pyrene in sodium dodecylsulfate micelles with triphaflavine as energy donor. *Analytica Chimica Acta*, **2001**, 439, 81-86	6.6	5
5	Luminescence properties of acridine dyes in micellar sodium dodecyl sulfate solutions containing thallium ions. *Russian Chemical Bulletin*, **2001**, 50, 986-988	1.7	2
4	Pyrene sensitized phosphorescence enhanced by the heavey atom effect in the water-heptane-sodium dodecyl sulfate-pentanol microemulsion. *Russian Chemical Bulletin*, **2000**, 49, 1518-1521	1.7	1
3	Acridine dyes in the triplet state as reagents for the selective luminescence determination of polycyclic aromatic hydrocarbons. *Journal of Analytical Chemistry*, **2000**, 55, 874-878	1.1	9
2	Phosphorimetric determination of polynuclear aromatic hydrocarbons in gasoline. *Journal of Analytical Chemistry*, **2000**, 55, 795-798	1.1	2
1	The effect of an external heavy atom on the sensitized room temperature phosphorescence in aqueous micellar solutions of sodium dodecylsulphate. *Journal of Molecular Structure*, **1999**, 482-483, 699-702	3.4	10