

Dmitry O Kirsanov

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5108905/dmitry-o-kirsanov-publications-by-year.pdf>

Version: 2024-04-27

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.

148
papers

2,108
citations

25
h-index

39
g-index

159
ext. papers

2,510
ext. citations

5
avg, IF

5.03
L-index

#	Paper	IF	Citations
148	Prediction of Carbonate Selectivity of PVC-Plasticized Sensor Membranes with Newly Synthesized Ionophores through QSPR Modeling. <i>Chemosensors</i> , 2022 , 10, 43	4	0
147	Performance modelling of zeolite-based potentiometric sensors. <i>Sensors and Actuators B: Chemical</i> , 2022 , 356, 131343	8.5	1
146	Sensitivity and generalized analytical sensitivity expressions for quantitative analysis using convolutional neural networks.. <i>Analytica Chimica Acta</i> , 2022 , 1192, 338697	6.6	1
145	Nonlinear Multivariate Regression Algorithms for Improving Precision of Multisensor Potentiometry in Analysis of Spent Nuclear Fuel Reprocessing Solutions. <i>Chemosensors</i> , 2022 , 10, 90	4	1
144	Chemometric Processing of X-Ray Fluorescence Data 2022 , 551-562		
143	Neural Networks Based Fluorescence and Electrochemistry Dual-modal Sensor for Sensitive and Precise Detection of Cadmium and Lead Simultaneously. <i>Sensors and Actuators B: Chemical</i> , 2022 , 131922	8.5	0
142	Validation of classification models in cancer studies using simulated spectral data [A Sandbox] concept. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022 , 104564	3.8	0
141	Partial least squares assisted influence coefficients concept improves accuracy in X-ray fluorescence analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022 , 193, 106452	3.1	0
140	Cross-Sensitive Potentiometric Sensors Based on Anti-Crown (C6HgF4)3. <i>Chemistry Proceedings</i> , 2021 , 5, 72		0
139	Molecular Emitters as a Tunable Light Source for Optical Multisensor Systems. <i>Chemistry Proceedings</i> , 2021 , 5, 5		
138	Does chemometrics work for matrix effects correction in X-ray fluorescence analysis?. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021 , 185, 106310	3.1	3
137	Deep learning in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 145, 116459	14.6	9
136	Ion sensing pencil: Draw your own sensor. <i>Sensors and Actuators B: Chemical</i> , 2021 , 337, 129751	8.5	2
135	A Pencil-Drawn Electronic Tongue for Environmental Applications. <i>Sensors</i> , 2021 , 21,	3.8	2
134	One shot evaluation of NPK in soils by [Electronic tongue] <i>Computers and Electronics in Agriculture</i> , 2021 , 186, 106208	6.5	3
133	Low-cost optical sensor for real-time blood loss monitoring during transurethral surgery. <i>Optik</i> , 2021 , 228, 166148	2.5	1
132	A Novel Multi-Ionophore Approach for Potentiometric Analysis of Lanthanide Mixtures. <i>Chemosensors</i> , 2021 , 9, 23	4	2

131	Scattering of monochromatic X-rays at different incident radiation angles provides quantitative information on physical and chemical properties of plastics. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 172, 108888	4.6	2
130	On the Radiolytic Stability of Potentiometric Sensors with Plasticized Polymeric Membranes. <i>Chemosensors</i> , 2021 , 9, 214	4	1
129	Development of QDs-based nanosensors for heavy metal detection: A review on transducer principles and in-situ detection. <i>Talanta</i> , 2021 , 122903	6.2	4
128	Multiplexed all-solid-state ion-sensitive light-addressable potentiometric sensor (ISLAPS) system based on silicone-rubber for physiological ions detection. <i>Analytica Chimica Acta</i> , 2021 , 1179, 338603	6.6	4
127	Cu(II)-based molecular emitters for quantification of fluoride and phosphate in surface waters. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 184, 109976	4.6	1
126	Developing non-invasive bladder cancer screening methodology through potentiometric multisensor urine analysis. <i>Talanta</i> , 2021 , 234, 122696	6.2	5
125	Developing potentiometric sensors for scandium. <i>Sensors and Actuators B: Chemical</i> , 2021 , 348, 130699	8.5	1
124	A multi-channel handheld automatic spectrometer for wide range and on-site detection of okadaic acid based on specific aptamer binding. <i>Analytical Methods</i> , 2021 , 13, 4345-4353	3.2	1
123	Real-Time Water Quality Monitoring with Chemical Sensors. <i>Sensors</i> , 2020 , 20,	3.8	42
122	Plutonium (IV) Quantification in Technologically Relevant Media Using Potentiometric Sensor Array. <i>Sensors</i> , 2020 , 20,	3.8	4
121	Chronoamperometric and coulometric analysis with ionophore-based ion-selective electrodes: A modified theory and the potassium ion assay in serum samples. <i>Sensors and Actuators B: Chemical</i> , 2020 , 310, 127894	8.5	21
120	Distinguishing paracetamol formulations: Comparison of potentiometric "Electronic Tongue" with established analytical techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 188, 113457	3.5	1
119	Analytical Figures of Merit for Multisensor Arrays. <i>ACS Sensors</i> , 2020 , 5, 580-587	9.2	10
118	On the potential and limitations of multivariate curve resolution in MBSbauer spectroscopic studies. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 198, 103941	3.8	1
117	Assessment of the physical properties, and the hydrogen, carbon, and oxygen content in plastics using energy-dispersive X-ray fluorescence spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020 , 165, 105771	3.1	10
116	Cyclometalated Ir(III) complexes as tuneable multiband light sources for optical multisensor systems: Feasibility study. <i>Dyes and Pigments</i> , 2020 , 180, 108428	4.6	3
115	Quality Control of Heparin Injections: Comparison of Four Established Methods. <i>Analytical Sciences</i> , 2020 , 36, 1467-1472	1.7	3
114	Quantification of thorium and uranium in real process streams of Mayak radiochemical plant using potentiometric multisensor array. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020 , 323, 605-612	1.5	3

113	QSPR Modeling of Potentiometric Mg ²⁺ /Ca ²⁺ Selectivity for PVC-plasticized Sensor Membranes. <i>Electroanalysis</i> , 2020 , 32, 792-798	3	4
112	Identification of plastic toys contaminated with volatile organic compounds using QCM gas sensor array. <i>Talanta</i> , 2020 , 211, 120701	6.2	10
111	Non-invasive prostate cancer screening using chemometric processing of macro and trace element concentration profiles in urine. <i>Microchemical Journal</i> , 2020 , 159, 105464	4.8	2
110	Calibration Transfer for LED-Based Optical Multisensor Systems. <i>ACS Sensors</i> , 2020 , 5, 2587-2595	9.2	4
109	Prostate cancer screening using chemometric processing of GC-MS profiles obtained in the headspace above urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1155, 122298	3.2	8
108	Application of Chemometrics in Biosensing: A Review. <i>Biosensors</i> , 2020 , 10,	5.9	10
107	A novel smartphone-based CD-spectrometer for high sensitive and cost-effective colorimetric detection of ascorbic acid. <i>Analytica Chimica Acta</i> , 2020 , 1093, 150-159	6.6	36
106	Modified Diamide and Phosphine Oxide Extracting Compounds as Membrane Components for Cross-Sensitive Chemical Sensors. <i>Chemosensors</i> , 2019 , 7, 41	4	3
105	Feasibility study of Mössbauer spectroscopy as a tool to explore PVC-plasticized potentiometric sensor membranes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 298, 126880	8.5	1
104	Avoiding nonsense in electronic taste sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 121, 115675	14.6	8
103	QSPR modeling of potentiometric sensitivity towards heavy metal ions for polymeric membrane sensors. <i>Sensors and Actuators B: Chemical</i> , 2019 , 301, 126941	8.5	7
102	MnO nanosheets as the biomimetic oxidase for rapid and sensitive oxalate detection combining with bionic E-eye. <i>Biosensors and Bioelectronics</i> , 2019 , 130, 254-261	11.8	25
101	In vivo and in vitro application of near-infrared fiber optic probe for Ehrlich carcinoma distinction: Towards the development of real-time tumor margins assessment tool. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 213, 12-18	4.4	1
100	Rapid Evaluation of Integral Quality and Safety of Surface and Waste Waters by a Multisensor System (Electronic Tongue). <i>Sensors</i> , 2019 , 19,	3.8	8
99	A Simple Procedure to Assess Limit of Detection for Multisensor Systems. <i>Sensors</i> , 2019 , 19,	3.8	20
98	Potentiometric multisensor system as a possible simple tool for non-invasive prostate cancer diagnostics through urine analysis. <i>Sensors and Actuators B: Chemical</i> , 2019 , 289, 42-47	8.5	15
97	Water quality monitoring during interplanetary space flights. <i>Acta Astronautica</i> , 2019 , 163, 126-132	2.9	2
96	Potentiometric multisensor system for tetra- and hexavalent actinide quantification in complex rare earth metal mixtures related to spent nuclear fuel reprocessing. <i>Sensors and Actuators B: Chemical</i> , 2019 , 288, 155-162	8.5	8

95	Response Standardization for Drift Correction and Multivariate Calibration Transfer in "Electronic Tongue" Studies. <i>Methods in Molecular Biology</i> , 2019 , 2027, 181-194	1.4	2
94	Electronic Tongues for Inedible Media. <i>Sensors</i> , 2019 , 19,	3.8	12
93	Continuous monitoring of water quality at aeration plant with potentiometric sensor array. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 854-860	8.5	12
92	Determination of three quality parameters in vegetable oils using potentiometric e-tongue. <i>Journal of Food Composition and Analysis</i> , 2019 , 75, 75-80	4.1	21
91	Signal Smoothing with PLS Regression. <i>Analytical Chemistry</i> , 2018 , 90, 5959-5964	7.8	4
90	A heating-assisted liquid-liquid microextraction approach using menthol: Separation of benzoic acid in juice samples followed by HPLC-UV determination. <i>Journal of Molecular Liquids</i> , 2018 , 261, 265-270	6	10
89	Urinary steroid profiling by gas chromatography mass spectrometry: Early features of malignancy in patients with adrenal incidentalomas. <i>Steroids</i> , 2018 , 135, 31-35	2.8	6
88	Application of chemometric methods to XRF-data - A tutorial review. <i>Analytica Chimica Acta</i> , 2018 , 1040, 19-32	6.6	58
87	Recent advances in magnesium assessment: From single selective sensors to multisensory approach. <i>Talanta</i> , 2018 , 179, 430-441	6.2	19
86	Quantification of immobilized protein in pharmaceutical production by bio-assisted potentiometric multisensor system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 67-71	3.5	5
85	Topological Data Analysis of Potentiometric Multisensor Measurements in Treated Wastewater. <i>Journal of Analysis and Testing</i> , 2018 , 2, 291-298	3.2	
84	Electronic Tongue for Brand Uniformity Control: A Case Study of Apulian Red Wines Recognition and Defects Evaluation. <i>Sensors</i> , 2018 , 18,	3.8	14
83	Indirect monitoring of protein A biosynthesis in E.coli using potentiometric multisensor system. <i>Sensors and Actuators B: Chemical</i> , 2017 , 238, 1159-1164	8.5	9
82	Multivariate calibration transfer between two different types of multisensor systems. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 994-1000	8.5	17
81	Measurements of the effects of wine maceration with oak chips using an electronic tongue. <i>Food Chemistry</i> , 2017 , 229, 20-27	8.5	26
80	Calibration transfer between different analytical methods. <i>Talanta</i> , 2017 , 170, 457-463	6.2	15
79	Enzymatic determination of urinary citrate based on flow injection system using NUV spectroscopy and PLS regression. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 1050-1058	8.5	2
78	Sample-in-waveguide geometry for TXRF sensitivity improvement. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1224-1228	3.7	1

77	A simple design atomic emission spectrometer combined with multivariate image analysis for the determination of sodium content in urine. <i>Analytical Methods</i> , 2017 , 9, 3237-3243	3.2	6
76	UV-Vis spectroscopy with chemometric data treatment: an option for on-line control in nuclear industry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 312, 461-470	1.5	19
75	Microwave-Assisted Development of Orally Disintegrating Tablets by Direct Compression. <i>AAPS PharmSciTech</i> , 2017 , 18, 2055-2066	3.9	9
74	Critical view on drug dissolution in artificial saliva: A possible use of in-line e-tongue measurements. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 99, 266-271	5.1	11
73	Multivariate Calibration Transfer between two Potentiometric Multisensor Systems. <i>Electroanalysis</i> , 2017 , 29, 2161-2166	3	7
72	Raman transduction for polymeric ion-selective sensor membranes: Proof of concept study. <i>Sensors and Actuators B: Chemical</i> , 2017 , 253, 697-702	8.5	1
71	Three-point multivariate calibration models by correlation constrained MCR-ALS: A feasibility study for quantitative analysis of complex mixtures. <i>Talanta</i> , 2017 , 163, 39-47	6.2	19
70	Development and Testing of an LED-Based Near-Infrared Sensor for Human Kidney Tumor Diagnostics. <i>Sensors</i> , 2017 , 17,	3.8	16
69	Extending electronic tongue calibration lifetime through mathematical drift correction: Case study of microcystin toxicity analysis in waters. <i>Sensors and Actuators B: Chemical</i> , 2016 , 237, 962-968	8.5	24
68	Determination of Citric Acid in Urine by Enzymatic Flow Injection System Based on a Novel Microfluidic Chip. <i>Procedia Chemistry</i> , 2016 , 20, 52-55		
67	1,10-Phenanthroline-2,9-dicarboxamides as ligands for separation and sensing of hazardous metals. <i>RSC Advances</i> , 2016 , 6, 68642-68652	3.7	42
66	Stepwise injection potentiometric determination of caffeine in saliva using single-drop microextraction combined with solvent exchange. <i>Talanta</i> , 2016 , 150, 655-60	6.2	33
65	Electronic tongue for microcystin screening in waters. <i>Biosensors and Bioelectronics</i> , 2016 , 80, 154-160	11.8	32
64	An approach to potentiometric sensing of sugars: Baker's yeast assisted pH electrode. <i>Sensors and Actuators B: Chemical</i> , 2016 , 225, 209-212	8.5	7
63	Exploring bitterness of traditional Chinese medicine samples by potentiometric electronic tongue and by capillary electrophoresis and liquid chromatography coupled to UV detection. <i>Talanta</i> , 2016 , 152, 105-11	6.2	16
62	LED-based near infrared sensor for cancer diagnostics 2016 ,		4
61	Monitoring of Fermentation and Biotechnological Processes 2016 , 225-233		2
60	Bio-assisted potentiometric multisensor system for purity evaluation of recombinant protein A. <i>Talanta</i> , 2016 , 156-157, 87-94	6.2	3

59	Determination of the toxicity of herb preparations of the traditional Chinese medicine with a multisensor system. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 72-81	0.8	3
58	Development of label-free impedimetric platform based on new conductive polyaniline polymer and three-dimensional interdigitated electrode array for biosensor applications. <i>Electrochimica Acta</i> , 2015 , 173, 59-66	6.7	16
57	Two low-cost digital camera-based platforms for quantitative creatinine analysis in urine. <i>Analytica Chimica Acta</i> , 2015 , 895, 71-9	6.6	25
56	Improving precision of X-ray fluorescence analysis of lanthanide mixtures using partial least squares regression. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015 , 113, 126-131	3.1	17
55	Water pollution monitoring by an artificial sensory system performing in terms of <i>Vibrio fischeri</i> bacteria. <i>Sensors and Actuators B: Chemical</i> , 2015 , 207, 1069-1075	8.5	21
54	A Tool for General Quality Assessment of Black Tea Retail Price Prediction by an Electronic Tongue. <i>Food Analytical Methods</i> , 2015 , 8, 1088-1092	3.4	8
53	Determination of urine ionic composition with potentiometric multisensor system. <i>Talanta</i> , 2015 , 131, 556-61	6.2	36
52	Independent comparison study of six different electronic tongues applied for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 321-9	3.5	38
51	Restoring important process information from complex optical spectra with MCR-ALS: Case study of actinide reduction in spent nuclear fuel reprocessing. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 146, 241-249	3.8	9
50	Generation of characteristic profiles of steroid hormones by reversed-phase HPLC. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 200-204	1.1	1
49	A combination of dynamic measurement protocol and advanced data treatment to resolve the mixtures of chemically similar analytes with potentiometric multisensor system. <i>Talanta</i> , 2014 , 119, 226-31	6.2	5
48	A sample-effective calibration design for multiple components. <i>Analyst, The</i> , 2014 , 139, 4303-9	5	17
47	Determination of the integral toxicity of water in terms of biotesting with a multisensor system sensitive to individual toxicants. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 412-418	0.8	4
46	Multivariate processing of atomic-force microscopy images for detection of the response of plasticized polymeric membranes. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 307-314	0.8	2
45	On the application of simple matrix methods for electronic tongue data processing: Case study with black tea samples. <i>Sensors and Actuators B: Chemical</i> , 2014 , 191, 67-74	8.5	13
44	Mimicking <i>Daphnia magna</i> bioassay performance by an electronic tongue for urban water quality control. <i>Analytica Chimica Acta</i> , 2014 , 824, 64-70	6.6	23
43	Developing Sensing Materials for Multisensor Systems on the Basis of Extraction Data 2014 , 1-40		0
42	In situ determination of cadmium and lead in water environment based on microelectrode array combined PLS with local optimum method. <i>Analytical Methods</i> , 2013 , 5, 1823	3.2	1

41	Assessment of bitter taste of pharmaceuticals with multisensor system employing 3 way PLS regression. <i>Analytica Chimica Acta</i> , 2013 , 770, 45-52	6.6	57
40	Water toxicity evaluation in terms of bioassay with an Electronic Tongue. <i>Sensors and Actuators B: Chemical</i> , 2013 , 179, 282-286	8.5	24
39	Smart voltammetric procedure in an automatic trace metal monitoring system for expanding the measurement range of a gold-band microelectrode array. <i>Measurement Science and Technology</i> , 2013 , 24, 045801	2	5
38	Approach to on-line monitoring of PUREX process using chemometric processing of the optical spectral data. <i>Radiochimica Acta</i> , 2013 , 101, 149-154	1.9	9
37	Potentiometric Sensor Array for Analysis of Complex Rare Earth Mixtures. <i>Electroanalysis</i> , 2012 , 24, 121-130	3	20
36	Novel diamides of 2,2'-dipyridyl-6,6'-dicarboxylic acid: synthesis, coordination properties, and possibilities of use in electrochemical sensors and liquid extraction. <i>Russian Chemical Bulletin</i> , 2012 , 61, 881-890	1.7	34
35	Towards reliable estimation of an "electronic tongue" predictive ability from PLS regression models in wine analysis. <i>Talanta</i> , 2012 , 90, 109-16	6.2	58
34	Assessing taste without using humans: rat brief access aversion model and electronic tongue. <i>International Journal of Pharmaceutics</i> , 2012 , 435, 137-9	6.5	15
33	Novel structured light-addressable potentiometric sensor array based on PVC membrane for determination of heavy metals. <i>Sensors and Actuators B: Chemical</i> , 2012 , 174, 59-64	8.5	24
32	A LAPS array with low cross-talk for non-invasive measurement of cellular metabolism. <i>Sensors and Actuators A: Physical</i> , 2012 , 187, 50-56	3.9	21
31	Novel Thin-Film Polymeric Materials for the Detection of Heavy Metals. <i>Procedia Engineering</i> , 2012 , 47, 322-325		5
30	Development of a thin-film sensor array for analytical monitoring of heavy metals in aqueous solutions. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012 , 209, 885-891	1.6	4
29	Combination of optical spectroscopy and chemometric techniques – possible way for on-line monitoring of spent nuclear fuel (SNF) reprocessing. <i>Radiochimica Acta</i> , 2012 , 100, 185-188	1.9	13
28	Analysis of tea samples with a multisensor system and capillary electrophoresis. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 964-971	0.8	5
27	Polymeric sensors for determination of rare-earth metal ions, based on diamides of dipicolinic acid. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 1354-1361	0.8	3
26	Development Of Electronic Tongue System For Quantification Of Rare Earth Metals In Spent Nuclear Fuel Reprocessing 2011 ,		3
25	Electronic tongue as a screening tool for rapid analysis of beer. <i>Talanta</i> , 2010 , 81, 88-94	6.2	63
24	Comparison of the analytical potential of individual sensors and a multisensor system of the Electronic tongue type for the example of determination of the perchlorate ion. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1563-1569	0.8	2

23	Calixarenes functionalized with phosphine oxide and diamide functions as extractants and ionophores for rare-earth metals. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 67, 117-126		19
22	2,2?-Dipyridyl-6,6?-dicarboxylic acid diamides: Synthesis, complexation and extraction properties. <i>Polyhedron</i> , 2010 , 29, 1998-2005	2.7	52
21	New chemical sensors based on extraction systems for stable fission products analysis. <i>Radiochimica Acta</i> , 2009 , 97,	1.9	7
20	Assessment of bitterness intensity and suppression effects using an Electronic Tongue 2009 ,		4
19	Measurement Of Beer Taste Attributes Using An Electronic Tongue 2009 ,		2
18	Instrumental measurement of beer taste attributes using an electronic tongue. <i>Analytica Chimica Acta</i> , 2009 , 646, 111-8	6.6	98
17	New polymeric chemical sensors for determination of lead ions. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 247-254	0.8	14
16	Chemical sensors based on metal-electrolyte-insulator-semiconductor structures for determining carbon dioxide in air. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 1953-1958	0.8	1
15	Detection of ultra-low activities of heavy metal ions by an array of potentiometric chemical sensors. <i>Mikrochimica Acta</i> , 2008 , 163, 71-80	5.8	30
14	Cross-sensitive rare earth metal ion sensors based on extraction systems. <i>Sensors and Actuators B: Chemical</i> , 2008 , 131, 29-36	8.5	24
13	Analysis of tomato taste using two types of electronic tongues. <i>Sensors and Actuators B: Chemical</i> , 2008 , 131, 10-17	8.5	79
12	Polymeric sensors for determination of anions of organic acids. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 799-804	0.8	5
11	The electronic tongue and ATRFTIR for rapid detection of sugars and acids in tomatoes. <i>Sensors and Actuators B: Chemical</i> , 2006 , 116, 107-115	8.5	84
10	Cross-sensitive rare-earth metal sensors based on bidentate neutral organophosphorus compounds and chlorinated cobalt dicarbollide. <i>Analytica Chimica Acta</i> , 2006 , 572, 243-7	6.6	31
9	Analysis of apples varieties [Comparison of electronic tongue with different analytical techniques. <i>Sensors and Actuators B: Chemical</i> , 2006 , 116, 23-28	8.5	76
8	Electronic tongue [an array of non-specific chemical sensors [for analysis of radioactive solutions. <i>European Physical Journal D</i> , 2006 , 56, D271-D277		
7	Polymeric Sensors Based on Extraction Systems for Determination of Rare-Earth Metals. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 568-573	0.8	20
6	Fermentation monitoring using multisensor systems: feasibility study of the electronic tongue. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 391-5	4.4	58

5	Solvent polymeric membranes based on tridodecylmethylammonium chloride studied by potentiometry and electrochemical impedance spectroscopy. <i>Analytica Chimica Acta</i> , 2004 , 514, 107-113	6.6	18
4	Multicomponent analysis of fermentation growth media using the electronic tongue (ET). <i>Talanta</i> , 2004 , 64, 766-72	6.2	43
3	Cross-sensitive chemical sensors based on tetraphenylporphyrin and phthalocyanine. <i>Analytica Chimica Acta</i> , 2002 , 457, 297-303	6.6	34
2	Solid-Contact Polymer Sensors Based on Composite Materials. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 926-930	0.8	3
1	Using commercial calcium ionophores to make lanthanide sensors. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1	1.5	1