Dmitry O Kirsanov

List of Publications by Year
in descending order

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156	2,942	159525 30	223716 46
papers	citations	h-index	g-index

159	159	159	2799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Instrumental measurement of beer taste attributes using an electronic tongue. Analytica Chimica Acta, 2009, 646, 111-118.	2.6	105
2	The electronic tongue and ATRâ€“FTIR for rapid detection of sugars and acids in tomatoes. Sensors and Actuators B: Chemical, 2006, 116, 107-115.	4.0	101
3	Analysis of tomato taste using two types of electronic tongues. Sensors and Actuators B: Chemical, 2008, 131, 10-17.	4.0	95
4	Application of chemometric methods to XRF-data â€“ A tutorial review. Analytica Chimica Acta, 2018, 1040, 19-32.	2.6	94
5	Analysis of apples varieties â€“ comparison of electronic tongue with different analytical techniques. Sensors and Actuators B: Chemical, 2006, 116, 23-28.	4.0	88
6	Real-Time Water Quality Monitoring with Chemical Sensors. Sensors, 2020, 20, 3432.	2.1	88
7	Deep learning in analytical chemistry. TrAC - Trends in Analytical Chemistry, 2021, 145, 116459.	5.8	70
8	1,10-Phenanthroline-2,9-dicarboxamides as ligands for separation and sensing of hazardous metals. RSC Advances, 2016, 6, 68642-68652.	1.7	68
9	Electronic tongue as a screening tool for rapid analysis of beer. Talanta, 2010, 81, 88-94.	2.9	66
10	Towards reliable estimation of an â€œelectronic tongueâ€•predictive ability from PLS regression models in wine analysis. Talanta, 2012, 90, 109-116.	2.9	66
11	Assessment of bitter taste of pharmaceuticals with multisensor system employing 3 way PLS regression. Analytica Chimica Acta, 2013, 770, 45-52.	2.6	66
12	Fermentation monitoring using multisensor systems: feasibility study of the electronic tongue. Analytical and Bioanalytical Chemistry, 2004, 378, 391-395.	1.9	64
13	2,2â€²-Dipyridyl-6,6â€²-dicarboxylic acid diamides: Synthesis, complexation and extraction properties. Polyhedron, 2010, 29, 1998-2005.	1.0	60
14	A novel smartphone-based CD-spectrometer for high sensitive and cost-effective colorimetric detection of ascorbic acid. Analytica Chimica Acta, 2020, 1093, 150-159.	2.6	54
15	Multicomponent analysis of fermentation growth media using the electronic tongue (ET). Talanta, 2004, 64, 766-772.	2.9	45
16	Independent comparison study of six different electronic tongues applied for pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2015, 114, 321-329.	1.4	45
17	Novel diamides of 2,2â€²-dipyridyl-6,6â€²-dicarboxylic acid: synthesis, coordination properties, and possibilities of use in electrochemical sensors and liquid extraction. Russian Chemical Bulletin, 2012, 61, 881-890.	0.4	43
18	Determination of urine ionic composition with potentiometric multisensor system. Talanta, 2015, 131, 556-561.	2.9	43

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19	Electronic tongue for microcystin screening in waters. Biosensors and Bioelectronics, 2016, 80, 154-160.	5.3	40
20	MnO2 nanosheets as the biomimetic oxidase for rapid and sensitive oxalate detection combining with bionic E-eye. Biosensors and Bioelectronics, 2019, 130, 254-261.	5.3	40
21	Stepwise injection potentiometric determination of caffeine in saliva using single-drop microextraction combined with solvent exchange. Talanta, 2016, 150, 655-660.	2.9	38
22	Cross-sensitive chemical sensors based on tetraphenylporphyrin and phthalocyanine. Analytica Chimica Acta, 2002, 457, 297-303.	2.6	37
23	Detection of ultra-low activities of heavy metal ions by an array of potentiometric chemical sensors. Mikrochimica Acta, 2008, 163, 71-80.	2.5	37
24	Novel structured light-addressable potentiometric sensor array based on PVC membrane for determination of heavy metals. Sensors and Actuators B: Chemical, 2012, 174, 59-64.	4.0	36
25	Two low-cost digital camera-based platforms for quantitative creatinine analysis in urine. Analytica Chimica Acta, 2015, 895, 71-79.	2.6	36
26	Cross-sensitive rare-earth metal sensors based on bidentate neutral organophosphorus compounds and chlorinated cobalt dicarbollide. Analytica Chimica Acta, 2006, 572, 243-247.	2.6	34
27	Chronoamperometric and coulometric analysis with ionophore-based ion-selective electrodes: A modified theory and the potassium ion assay in serum samples. Sensors and Actuators B: Chemical, 2020, 310, 127894.	4.0	34
28	Cross-sensitive rare earth metal ion sensors based on extraction systems. Sensors and Actuators B: Chemical, 2008, 131, 29-36.	4.0	32
29	Development of QDs-based nanosensors for heavy metal detection: A review on transducer principles and in-situ detection. Talanta, 2022, 239, 122903.	2.9	32
30	Water toxicity evaluation in terms of bioassay with an Electronic Tongue. Sensors and Actuators B: Chemical, 2013, 179, 282-286.	4.0	31
31	Measurements of the effects of wine maceration with oak chips using an electronic tongue. Food Chemistry, 2017, 229, 20-27.	4.2	31
32	Application of Chemometrics in Biosensing: A Brief Review. Biosensors, 2020, 10, 100.	2.3	31
33	Water pollution monitoring by an artificial sensory system performing in terms of Vibrio fischeri bacteria. Sensors and Actuators B: Chemical, 2015, 207, 1069-1075.	4.0	30
34	Determination of three quality parameters in vegetable oils using potentiometric e-tongue. Journal of Food Composition and Analysis, 2019, 75, 75-80.	1.9	30
35	Extending electronic tongue calibration lifetime through mathematical drift correction: Case study of microcystin toxicity analysis in waters. Sensors and Actuators B: Chemical, 2016, 237, 962-968.	4.0	29
36	A Simple Procedure to Assess Limit of Detection for Multisensor Systems. Sensors, 2019, 19, 1359.	2.1	29

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37	Improving precision of X-ray fluorescence analysis of lanthanide mixtures using partial least squares regression. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 113, 126-131.	1.5	28
38	UVâ€“Vis spectroscopy with chemometric data treatment: an option for on-line control in nuclear industry. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 461-470.	0.7	28
39	Recent advances in magnesium assessment: From single selective sensors to multisensory approach. Talanta, 2018, 179, 430-441.	2.9	28
40	Potentiometric Sensor Array for Analysis of Complex Rare Earth Mixtures. Electroanalysis, 2012, 24, 121-130.	1.5	27
41	Mimicking Daphnia magna bioassay performance by an electronic tongue for urban water quality control. Analytica Chimica Acta, 2014, 824, 64-70.	2.6	26
42	Calibration transfer between different analytical methods. Talanta, 2017, 170, 457-463.	2.9	26
43	A sample-effective calibration design for multiple components. Analyst, The, 2014, 139, 4303-4309.	1.7	25
44	Identification of plastic toys contaminated with volatile organic compounds using QCM gas sensor array. Talanta, 2020, 211, 120701.	2.9	25
45	Multivariate calibration transfer between two different types of multisensor systems. Sensors and Actuators B: Chemical, 2017, 246, 994-1000.	4.0	23
46	A LAPS array with low cross-talk for non-invasive measurement of cellular metabolism. Sensors and Actuators A: Physical, 2012, 187, 50-56.	2.0	22
47	Polymeric Sensors Based on Extraction Systems for Determination of Rare-Earth Metals. Russian Journal of Applied Chemistry, 2005, 78, 568-573.	0.1	21
48	Development and Testing of an LED-Based Near-Infrared Sensor for Human Kidney Tumor Diagnostics. Sensors, 2017, 17, 1914.	2.1	21
49	A heating-assisted liquid-liquid microextraction approach using menthol: Separation of benzoic acid in juice samples followed by HPLC-UV determination. Journal of Molecular Liquids, 2018, 261, 265-270.	2.3	21
50	Potentiometric multisensor system as a possible simple tool for non-invasive prostate cancer diagnostics through urine analysis. Sensors and Actuators B: Chemical, 2019, 289, 42-47.	4.0	21
51	Electronic Tongue for Brand Uniformity Control: A Case Study of Apulian Red Wines Recognition and Defects Evaluation â€. Sensors, 2018, 18, 2584.	2.1	20
52	Solvent polymeric membranes based on tridodecylmethylammonium chloride studied by potentiometry and electrochemical impedance spectroscopy. Analytica Chimica Acta, 2004, 514, 107-113.	2.6	19
53	Calixarenes functionalized with phosphine oxide and diamide functions as extractants and ionofores for rare-earth metals. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 117-126.	1.6	19
54	Development of label-free impedimetric platform based on new conductive polyaniline polymer and three-dimensional interdigitated electrode array for biosensor applications. Electrochimica Acta, 2015, 173, 59-66.	2.6	19

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55	Exploring bitterness of traditional Chinese medicine samples by potentiometric electronic tongue and by capillary electrophoresis and liquid chromatography coupled to UV detection. Talanta, 2016, 152, 105-111.	2.9	19
56	Three-point multivariate calibration models by correlation constrained MCR-ALS: A feasibility study for quantitative analysis of complex mixtures. Talanta, 2017, 163, 39-47.	2.9	19
57	Assessing taste without using humans: Rat brief access aversion model and electronic tongue. International Journal of Pharmaceutics, 2012, 435, 137-139.	2.6	18
58	Rapid Evaluation of Integral Quality and Safety of Surface and Waste Waters by a Multisensor System (Electronic Tongue). Sensors, 2019, 19, 2019.	2.1	18
59	Electronic Tongues for Inedible Media. Sensors, 2019, 19, 5113.	2.1	18
60	New polymeric chemical sensors for determination of lead ions. Russian Journal of Applied Chemistry, 2009, 82, 247-254.	0.1	17
61	Continuous monitoring of water quality at aeration plant with potentiometric sensor array. Sensors and Actuators B: Chemical, 2019, 282, 854-860.	4.0	17
62	Analytical Figures of Merit for Multisensor Arrays. ACS Sensors, 2020, 5, 580-587.	4.0	16
63	Combination of optical spectroscopy and chemometric techniquesâ€"aÂpossible way for on-line monitoring of spent nuclear fuel (SNF) reprocessing. Radiochimica Acta, 2012, 100, 185-188.	0.5	15
64	Prostate cancer screening using chemometric processing of GCâ€"MS profiles obtained in the headspace above urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1155, 122298.	1.2	15
65	On the application of simple matrix methods for electronic tongue data processing: Case study with black tea samples. Sensors and Actuators B: Chemical, 2014, 191, 67-74.	4.0	14
66	Critical view on drug dissolution in artificial saliva: A possible use of in-line e-tongue measurements. European Journal of Pharmaceutical Sciences, 2017, 99, 266-271.	1.9	14
67	Calibration Transfer for LED-Based Optical Multisensor Systems. ACS Sensors, 2020, 5, 2587-2595.	4.0	13
68	Assessment of the physical properties, and the hydrogen, carbon, and oxygen content in plastics using energy-dispersive X-ray fluorescence spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 165, 105771.	1.5	13
69	Neural networks based fluorescence and electrochemistry dual-modal sensor for sensitive and precise detection of cadmium and lead simultaneously. Sensors and Actuators B: Chemical, 2022, 366, 131922.	4.0	13
70	Restoring important process information from complex optical spectra with MCR-ALS: Case study of actinide reduction in spent nuclear fuel reprocessing. Chemometrics and Intelligent Laboratory Systems, 2015, 146, 241-249.	1.8	12
71	Microwave-Assisted Development of Orally Disintegrating Tablets by Direct Compression. AAPS PharmSciTech, 2017, 18, 2055-2066.	1.5	12
72	Avoiding nonsense in electronic taste sensing. TrAC - Trends in Analytical Chemistry, 2019, 121, 115675.	5.8	12

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73	Potentiometric multisensor system for tetra- and hexavalent actinide quantification in complex rare earth metal mixtures related to spent nuclear fuel reprocessing. Sensors and Actuators B: Chemical, 2019, 288, 155-162.	4.0	12
74	Indirect monitoring of protein A biosynthesis in E.coli using potentiometric multisensor system. Sensors and Actuators B: Chemical, 2017, 238, 1159-1164.	4.0	11
75	Modified Diamide and Phosphine Oxide Extracting Compounds as Membrane Components for Cross-Sensitive Chemical Sensors. Chemosensors, 2019, 7, 41.	1.8	11
76	QSPR modeling of potentiometric sensitivity towards heavy metal ions for polymeric membrane sensors. Sensors and Actuators B: Chemical, 2019, 301, 126941.	4.0	11
77	Approach to on-line monitoring of PUREX process using chemometric processing of the optical spectral data. Radiochimica Acta, 2013, 101, 149-154.	0.5	10
78	Urinary steroid profiling by gas chromatography mass spectrometry: Early features of malignancy in patients with adrenal incidentalomas. Steroids, 2018, 135, 31-35.	0.8	10
79	Developing non-invasive bladder cancer screening methodology through potentiometric multisensor urine analysis. Talanta, 2021, 234, 122696.	2.9	10
80	New chemical sensors based on extraction systems for stable fission products analysis. Radiochimica Acta, 2009, 97, .	0.5	9
81	Multivariate Calibration Transfer between two Potentiometric Multisensor Systems. Electroanalysis, 2017, 29, 2161-2166.	1.5	9
82	Quantification of thorium and uranium in real process streams of Mayak radiochemical plant using potentiometric multisensor array. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 605-612.	0.7	9
83	QSPR Modeling of Potentiometric Mg²⁺/Ca²⁺ Selectivity for PVCâ€plasticized Sensor Membranes. Electroanalysis, 2020, 32, 792-798.	1.5	9
84	Plutonium (IV) Quantification in Technologically Relevant Media Using Potentiometric Sensor Array. Sensors, 2020, 20, 1604.	2.1	9
85	One shot evaluation of NPK in soils by â€œelectronic tongueâ€• Computers and Electronics in Agriculture, 2021, 186, 106208.	3.7	9
86	Multiplexed all-solid-state ion-sensitive light-addressable potentiometric sensor (ISLAPS) system based on silicone-rubber for physiological ions detection. Analytica Chimica Acta, 2021, 1179, 338603.	2.6	9
87	Developing potentiometric sensors for scandium. Sensors and Actuators B: Chemical, 2021, 348, 130699.	4.0	9
88	Does chemometrics work for matrix effects correction in X-ray fluorescence analysis?. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 185, 106310.	1.5	9
89	A Tool for General Quality Assessment of Black Teaâ€”Retail Price Prediction by an Electronic Tongue. Food Analytical Methods, 2015, 8, 1088-1092.	1.3	8
90	Signal Smoothing with PLS Regression. Analytical Chemistry, 2018, 90, 5959-5964.	3.2	8

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91	Cyclometalated Ir(III) complexes as tuneable multiband light sources for optical multisensor systems: Feasibility study. Dyes and Pigments, 2020, 180, 108428.	2.0	8
92	An approach to potentiometric sensing of sugars: Baker's yeast assisted pH electrode. Sensors and Actuators B: Chemical, 2016, 225, 209-212.	4.0	7
93	A simple design atomic emission spectrometer combined with multivariate image analysis for the determination of sodium content in urine. Analytical Methods, 2017, 9, 3237-3243.	1.3	7
94	Quantification of immobilized protein in pharmaceutical production by bio-assisted potentiometric multisensor system. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 67-71.	1.4	7
95	A multi-channel handheld automatic spectrometer for wide range and on-site detection of okadaic acid based on specific aptamer binding. Analytical Methods, 2021, 13, 4345-4353.	1.3	7
96	Quality Control of Heparin Injections: Comparison of Four Established Methods. Analytical Sciences, 2020, 36, 1467-1471.	0.8	7
97	Performance modelling of zeolite-based potentiometric sensors. Sensors and Actuators B: Chemical, 2022, 356, 131343.	4.0	7
98	Analysis of tea samples with a multisensor system and capillary electrophoresis. Russian Journal of Applied Chemistry, 2011, 84, 964-971.	0.1	6
99	Novel Thin-Film Polymeric Materials for the Detection of Heavy Metals. Procedia Engineering, 2012, 47, 322-325.	1.2	6
100	A Novel Multi-Ionophore Approach for Potentiometric Analysis of Lanthanide Mixtures. Chemosensors, 2021, 9, 23.	1.8	6
101	A Pencil-Drawn Electronic Tongue for Environmental Applications. Sensors, 2021, 21, 4471.	2.1	6
102	Polymeric sensors for determination of anions of organic acids. Russian Journal of Applied Chemistry, 2007, 80, 799-804.	0.1	5
103	Assessment of bitterness intensity and suppression effects using an Electronic Tongue. , 2009, , .		5
104	Polymeric sensors for determination of rare-earth metal ions, based on diamides of dipicolinic acid. Russian Journal of Applied Chemistry, 2011, 84, 1354-1361.	0.1	5
105	Development of a thinâ€film sensor array for analytical monitoring of heavy metals in aqueous solutions. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 885-891.	0.8	5
106	Smart voltammetric procedure in an automatic trace metal monitoring system for expanding the measurement range of a gold-band microelectrode array. Measurement Science and Technology, 2013, 24, 045801.	1.4	5
107	A combination of dynamic measurement protocol and advanced data treatment to resolve the mixtures of chemically similar analytes with potentiometric multisensor system. Talanta, 2014, 119, 226-231.	2.9	5
108	Determination of the integral toxicity of water in terms of biotesting with a multisensor system sensitive to individual toxicants. Russian Journal of Applied Chemistry, 2014, 87, 412-418.	0.1	5

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109	Sensitivity and generalized analytical sensitivity expressions for quantitative analysis using convolutional neural networks. Analytica Chimica Acta, 2022, 1192, 338697.	2.6	5
110	Nonlinear Multivariate Regression Algorithms for Improving Precision of Multisensor Potentiometry in Analysis of Spent Nuclear Fuel Reprocessing Solutions. Chemosensors, 2022, 10, 90.	1.8	5
111	LED-based near infrared sensor for cancer diagnostics. , 2016, , .		4
112	Non-invasive prostate cancer screening using chemometric processing of macro and trace element concentration profiles in urine. Microchemical Journal, 2020, 159, 105464.	2.3	4
113	Distinguishing paracetamol formulations: Comparison of potentiometric â€œElectronic Tongueâ€•with established analytical techniques. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113457.	1.4	4
114	On the potential and limitations of multivariate curve resolution in MÓ§ssbauer spectroscopic studies. Chemometrics and Intelligent Laboratory Systems, 2020, 198, 103941.	1.8	4
115	Scattering of monochromatic X-rays at different incident radiation angles provides quantitative information on physical and chemical properties of plastics. Measurement: Journal of the International Measurement Confederation, 2021, 172, 108888.	2.5	4
116	Ion sensing pencil: Draw your own sensor. Sensors and Actuators B: Chemical, 2021, 337, 129751.	4.0	4
117	Prediction of Carbonate Selectivity of PVC-Plasticized Sensor Membranes with Newly Synthesized Ionophores through QSPR Modeling. Chemosensors, 2022, 10, 43.	1.8	4
118	Solid-Contact Polymer Sensors Based on Composite Materials. Russian Journal of Applied Chemistry, 2002, 75, 926-930.	0.1	3
119	Electronic tongue â€” an array of non-specific chemical sensors â€” for analysis of radioactive solutions. European Physical Journal D, 2006, 56, D271-D277.	0.4	3
120	Development Of Electronic Tongue System For Quantification Of Rare Earth Metals In Spent Nuclear Fuel Reprocessing. , 2011, , .		3
121	Determination of the toxicity of herb preparations of the traditional Chinese medicine with a multisensor system. Russian Journal of Applied Chemistry, 2015, 88, 72-81.	0.1	3
122	Bio-assisted potentiometric multisensor system for purity evaluation of recombinant protein A. Talanta, 2016, 156-157, 87-94.	2.9	3
123	Enzymatic determination of urinary citrate based on flow injection system using NUV spectroscopy and PLS regression. Sensors and Actuators B: Chemical, 2017, 251, 1050-1058.	4.0	3
124	Editorial: Multisensor Systems for Analysis of Liquids and Gases: Trends and Developments. Frontiers in Chemistry, 2018, 6, 591.	1.8	3
125	Response Standardization for Drift Correction and Multivariate Calibration Transfer in â€œElectronic Tongueâ€•Studies. Methods in Molecular Biology, 2019, 2027, 181-194.	0.4	3
126	Cu(I)-based molecular emitters for quantification of fluoride and phosphate in surface waters. Measurement: Journal of the International Measurement Confederation, 2021, 184, 109976.	2.5	3

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127	Measurement Of Beer Taste Attributes Using An Electronic Tongue. , 2009, , .		2
128	Comparison of the analytical potential of individual sensors and a multisensor system of the â€œelectronic tongueâ€•type for the example of determination of the perchlorate ion. Russian Journal of Applied Chemistry, 2010, 83, 1563-1569.	0.1	2
129	In situ determination of cadmium and lead in water environment based on microelectrode array combined PLS with local optimum method. Analytical Methods, 2013, 5, 1823.	1.3	2
130	Multivariate processing of atomic-force microscopy images for detection of the response of plasticized polymeric membranes. Russian Journal of Applied Chemistry, 2014, 87, 307-314.	0.1	2
131	Monitoring of Fermentation and Biotechnological Processes. , 2016, , 225-233.		2
132	Raman transduction for polymeric ion-selective sensor membranes: Proof of concept study. Sensors and Actuators B: Chemical, 2017, 253, 697-702.	4.0	2
133	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 213, 12-18.	2.0	2
134	Water quality monitoring during interplanetary space flights. Acta Astronautica, 2019, 163, 126-132.	1.7	2
135	On the Radiolytic Stability of Potentiometric Sensors with Plasticized Polymeric Membranes. Chemosensors, 2021, 9, 214.	1.8	2
136	Using commercial calcium ionophores to make lanthanide sensors. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1751-1758.	0.7	2
137	Validation of classification models in cancer studies using simulated spectral data â€“ A â€œsandboxâ€• concept. Chemometrics and Intelligent Laboratory Systems, 2022, , 104564.	1.8	2
138	Partial least squares assisted influence coefficients concept improves accuracy in X-ray fluorescence analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2022, 193, 106452.	1.5	2
139	Chemical sensors based on metal-electrolyte-insulator-semiconductor structures for determining carbon dioxide in air. Russian Journal of Applied Chemistry, 2009, 82, 1953-1958.	0.1	1
140	Electronic Tongue on a way towards the universal bitterness scale. , 2011, , .		1
141	Fusion of Potentiometric & Voltammetric Electronic Tongue for Classification of Black Tea Taste based on Theaflavins (TF) Content. AIP Conference Proceedings, 2011, , .	0.3	1
142	Generation of characteristic profiles of steroid hormones by reversed-phase HPLC. Journal of Analytical Chemistry, 2014, 69, 200-204.	0.4	1
143	Developing Sensing Materials for Multisensor Systems on the Basis of Extraction Data. , 2014, , 1-40.		1
144	Sample-in-waveguide geometry for TXRF sensitivity improvement. Journal of Analytical Atomic Spectrometry, 2017, 32, 1224-1228.	1.6	1

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145	Feasibility study of MÃ¶ssbauer spectroscopy as a tool to explore PVC-plasticized potentiometric sensor membranes. Sensors and Actuators B: Chemical, 2019, 298, 126880.	4.0	1
146	Low-cost optical sensor for real-time blood loss monitoring during transurethral surgery. Optik, 2021, 228, 166148.	1.4	1
147	Cross-Sensitive Potentiometric Sensors Based on Anti-Crown (C6HgF4)3. Chemistry Proceedings, 2021, 5, 72.	0.1	1
148	Application Of A Potentiometric Electronic Tongue For The Determination Of Free SO[sub 2] And Other Analytical Parameters In White Wines From New Zealand. , 2009, , .		0
149	Sensing materials with a concurrent sensitivity: design, synthesis and application in multisensory systems. , 2011, , .		0
150	Portable e-Tongue based on Multi-channel LAPS Array with PVC Membrane for Rapid Environment Detection. , 2011, , .		0
151	Water toxicity assessment with potentiometric multisensor system. , 2012, , .		0
152	Determination of Citric Acid in Urine by Enzymatic Flow Injection System Based on a Novel Microfluidic Chip. Procedia Chemistry, 2016, 20, 52-55.	0.7	0
153	Topological Data Analysis of Potentiometric Multisensor Measurements in Treated Wastewater. Journal of Analysis and Testing, 2018, 2, 291-298.	2.5	0
154	An Organic/Inorganic LAPS Array: Microfabrication, Silanization, Potentiometric Characterization and Ultra-Low Detection of Heavy Metals. Sensor Letters, 2014, 12, 978-984.	0.4	0
155	Molecular Emitters as a Tunable Light Source for Optical Multisensor Systems. Chemistry Proceedings, 2021, 5, .	0.1	0
156	QSPR Modelling of Potentiometric HCO3â˜'/Clâ˜' Selectivity for Polymeric Membrane Sensors. , 2021, 5, .		0