Jacek Namiesnik

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	PAH diagnostic ratios for the identification of pollution emission sources. Environmental Pollution, 2012, 162, 110-119.	7.5	1,359
2	The 12 principles of green analytical chemistry and the SIGNIFICANCE mnemonic of green analytical practices. TrAC - Trends in Analytical Chemistry, 2013, 50, 78-84.	11.4	1,293
3	Analytical Eco-Scale for assessing the greenness of analytical procedures. TrAC - Trends in Analytical Chemistry, 2012, 37, 61-72.	11.4	1,228
4	Study of the selection mechanism of heavy metal (Pb2+, Cu2+, Ni2+, and Cd2+) adsorption on clinoptilolite. Journal of Colloid and Interface Science, 2006, 304, 21-28.	9.4	510
5	Modern trends in solid phase extraction: New sorbent media. TrAC - Trends in Analytical Chemistry, 2016, 77, 23-43.	11.4	474
6	Review of sewage sludge management: standards, regulations and analytical methods. Journal of Cleaner Production, 2015, 90, 1-15.	9.3	426
7	Miniaturized solid-phase extraction techniques. TrAC - Trends in Analytical Chemistry, 2015, 73, 19-38.	11.4	375
8	lonic Liquids and Deep Eutectic Mixtures: Sustainable Solvents for Extraction Processes. ChemSusChem, 2014, 7, 1784-1800.	6.8	349
9	Green Chemistry Metrics with Special Reference to Green Analytical Chemistry. Molecules, 2015, 20, 10928-10946.	3.8	334
10	Passive sampling and/or extraction techniques in environmental analysis: a review. Analytical and Bioanalytical Chemistry, 2005, 381, 279-301.	3.7	321
11	Green analytical chemistry—theory and practice. Chemical Society Reviews, 2010, 39, 2869.	38.1	314
12	Passive sampling. TrAC - Trends in Analytical Chemistry, 2002, 21, 276-291.	11.4	297
13	Green aspects, developments and perspectives of liquid phase microextraction techniques. Talanta, 2014, 119, 34-45.	5.5	285
14	Selected issues related to the toxicity of ionic liquids and deep eutectic solvents—a review. Environmental Science and Pollution Research, 2015, 22, 11975-11992.	5.3	272
15	Current trends in solid-phase microextraction (SPME) fibre coatings. Chemical Society Reviews, 2010, 39, 4524.	38.1	262
16	Estimating uncertainty in analytical procedures based on chromatographic techniques. Journal of Chromatography A, 2010, 1217, 882-891.	3.7	257
17	Green analytical chemistry in sample preparation for determination of trace organic pollutants. TrAC - Trends in Analytical Chemistry, 2009, 28, 943-951.	11.4	247
18	Recent developments and future trends in solid phase microextraction techniques towards green analytical chemistry. Journal of Chromatography A, 2013, 1321, 1-13.	3.7	234

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19	Extraction with environmentally friendly solvents. TrAC - Trends in Analytical Chemistry, 2017, 91, 12-25.	11.4	231
20	The role of speciation in analytical chemistry. TrAC - Trends in Analytical Chemistry, 2000, 19, 69-79.	11.4	221
21	Advances in passive sampling in environmental studies. Analytica Chimica Acta, 2007, 602, 141-163.	5.4	221
22	Literature update of analytical methods for biogenic amines determination in food and beverages. TrAC - Trends in Analytical Chemistry, 2018, 98, 128-142.	11.4	220
23	Food Analysis Using Artificial Senses. Journal of Agricultural and Food Chemistry, 2014, 62, 1423-1448.	5.2	219
24	LC–MS/MS analysis, antioxidant and anticholinergic properties of galanga (Alpinia officinarum Hance) rhizomes. Industrial Crops and Products, 2015, 74, 712-721.	5.2	219
25	Antioxidants and proteins in ethylene-treated kiwifruits. Food Chemistry, 2008, 107, 640-648.	8.2	218
26	Green chromatography. Journal of Chromatography A, 2013, 1307, 1-20.	3.7	217
27	Perspectives on the replacement of harmful organic solvents in analytical methodologies: a framework toward the implementation of a generation of eco-friendly alternatives. Green Chemistry, 2015, 17, 3687-3705.	9.0	189
28	Accelerated Solvent Extraction (ASE) in the Analysis of Environmental Solid Samples — Some Aspects of Theory and Practice. Critical Reviews in Analytical Chemistry, 2001, 31, 149-165.	3.5	181
29	Cyanides in the environment—analysis—problems and challenges. Environmental Science and Pollution Research, 2017, 24, 15929-15948.	5.3	181
30	Understanding Solid-Phase Microextraction: Key Factors Influencing the Extraction Process and Trends in Improving the Technique. Chemical Reviews, 2013, 113, 1667-1685.	47.7	171
31	Electronic noses in classification and quality control of edible oils: A review. Food Chemistry, 2018, 246, 192-201.	8.2	170
32	Air quality policy in the U.S. and the EU – a review. Atmospheric Pollution Research, 2015, 6, 129-137.	3.8	155
33	Low-cost Adsorbents Derived from Agricultural By-products/Wastes for Enhancing Contaminant Uptakes from Wastewater: A Review. Polish Journal of Environmental Studies, 2017, 26, 479-510.	1.2	154
34	Antioxidant Interactions between Major Phenolic Compounds Found in â€~Ataulfo' Mango Pulp: Chlorogenic, Gallic, Protocatechuic and Vanillic Acids. Molecules, 2012, 17, 12657-12664.	3.8	150
35	Electronic noses: Powerful tools in meat quality assessment. Meat Science, 2017, 131, 119-131.	5.5	149
36	Comparison of the Main Bioactive Compounds and Antioxidant Activities in Garlic and White and Red Onions after Treatment Protocols. Journal of Agricultural and Food Chemistry, 2008, 56, 4418-4426.	5.2	146

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37	Passive sampling for long-term monitoring of organic pollutants in water. TrAC - Trends in Analytical Chemistry, 2000, 19, 446-459.	11.4	143
38	Passive sampling as a tool for obtaining reliable analytical information in environmental quality monitoring. Analytical and Bioanalytical Chemistry, 2010, 396, 273-296.	3.7	139
39	Application of molecularly imprinted polymers in analytical chiral separations and analysis. TrAC - Trends in Analytical Chemistry, 2018, 102, 91-102.	11.4	138
40	Moving your laboratories to the field – Advantages and limitations of the use of field portable instruments in environmental sample analysis. Environmental Research, 2015, 140, 593-603.	7.5	133
41	Analytical methodologies for determination of artificial sweeteners in foodstuffs. TrAC - Trends in Analytical Chemistry, 2009, 28, 1082-1102.	11.4	132
42	Beneficial effects and potential risks of tomato consumption for human health: An overview. Nutrition, 2019, 62, 201-208.	2.4	132
43	Green analytical chemistry - Some remarks. Journal of Separation Science, 2001, 24, 151-153.	2.5	130
44	Trends in solventless sample preparation techniques for environmental analysis. Journal of Proteomics, 2007, 70, 275-288.	2.4	127
45	Environmental risk-based ranking of solvents using the combination of a multimedia model and multi-criteria decision analysis. Green Chemistry, 2017, 19, 1034-1042.	9.0	127
46	Ammonium sorption from aqueous solutions by the natural zeolite Transcarpathian clinoptilolite studied under dynamic conditions. Journal of Colloid and Interface Science, 2005, 284, 408-415.	9.4	121
47	Analytics of Surfactants in the Environment: Problems and Challenges. Chemical Reviews, 2011, 111, 5667-5700.	47.7	119
48	The speciation and physico-chemical forms of metals in surface waters and sediments. Chemical Speciation and Bioavailability, 2010, 22, 1-24.	2.0	118
49	A solvent selection guide based on chemometrics and multicriteria decision analysis. Green Chemistry, 2015, 17, 4773-4785.	9.0	118
50	Honey bees and their products: Bioindicators of environmental contamination. Critical Reviews in Environmental Science and Technology, 2016, 46, 235-248.	12.8	118
51	Historical records of organic pollutants in sediment cores. Marine Pollution Bulletin, 2014, 78, 26-42.	5.0	115
52	Partial characterization of white cabbages (Brassica oleracea var. capitata f. alba) from different regions by glucosinolates, bioactive compounds, total antioxidant activities and proteins. LWT - Food Science and Technology, 2008, 41, 1-9.	5.2	114
53	The Properties, Functions, and Use of Selenium Compounds in Living Organisms. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2012, 30, 225-252.	2.9	113
54	Use of Brassica Plants in the Phytoremediation and Biofumigation Processes. International Journal of Molecular Sciences, 2011, 12, 7760-7771.	4.1	111

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55	Portable Electronic Nose Based on Electrochemical Sensors for Food Quality Assessment. Sensors, 2017, 17, 2715.	3.8	109
56	lon mobility spectrometry: Current status and application for chemical warfare agents detection. TrAC - Trends in Analytical Chemistry, 2016, 85, 10-20.	11.4	108
57	Determination of antibiotic residues in honey. TrAC - Trends in Analytical Chemistry, 2011, 30, 1035-1041.	11.4	105
58	PBDEs in environmental samples: Sampling and analysis. Talanta, 2012, 93, 1-17.	5.5	105
59	Characteristics of odors emitted from municipal wastewater treatment plant and methods for their identification and deodorization techniques. Environmental Research, 2016, 151, 573-586.	7.5	105
60	Current air quality analytics and monitoring: A review. Analytica Chimica Acta, 2015, 853, 116-126.	5.4	104
61	The effect of heating and fermenting on antioxidant properties of white cabbage. Food Chemistry, 2008, 108, 853-861.	8.2	103
62	Trends in Environmental Analytics and Monitoring. Critical Reviews in Analytical Chemistry, 2000, 30, 221-269.	3.5	101
63	Pesticide residues levels in honey from apiaries located of Northern Poland. Food Control, 2013, 31, 196-201.	5.5	101
64	Fate and Analysis of Pharmaceutical Residues in the Aquatic Environment. Critical Reviews in Analytical Chemistry, 2004, 34, 51-67.	3.5	100
65	PTR-MS and GC-MS as complementary techniques for analysis of volatiles: A tutorial review. Analytica Chimica Acta, 2018, 1035, 1-13.	5.4	100
66	Analytical applications and physicochemical properties of ionic liquid-based hybrid materials: A review. Analytica Chimica Acta, 2019, 1054, 1-16.	5.4	99
67	Antioxidant properties and bioactive constituents of some rare exotic Thai fruits and comparison with conventional fruits. Food Research International, 2011, 44, 2222-2232.	6.2	98
68	Sources and Fate of PAHs and PCBs in the Marine Environment. Critical Reviews in Environmental Science and Technology, 2012, 42, 1172-1189.	12.8	98
69	Pharmaceutical and forensic drug applications of chiral supercritical fluid chromatography. TrAC - Trends in Analytical Chemistry, 2014, 56, 74-89.	11.4	98
70	Solid Phase Microextraction: Apparatus, Sorbent Materials, and Application. Critical Reviews in Analytical Chemistry, 2019, 49, 271-288.	3.5	96
71	Determination of volatile aliphatic amines in air by solid-phase microextraction coupled with gas chromatography with flame ionization detection. Journal of Chromatography A, 2003, 1016, 1-9.	3.7	94
72	Challenges in preparing honey samples for chromatographic determination of contaminants and trace residues. TrAC - Trends in Analytical Chemistry, 2008, 27, 785-793.	11.4	91

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73	Comparison of the contents of bioactive compounds and the level of antioxidant activity in different kiwifruit cultivars. Journal of Food Composition and Analysis, 2011, 24, 963-970.	3.9	91
74	lsoprostanes-Biomarkers of Lipid Peroxidation: Their Utility in Evaluating Oxidative Stress and Analysis. International Journal of Molecular Sciences, 2010, 11, 4631-4659.	4.1	90
75	Chemistry of Human Breast Milk—A Comprehensive Review of the Composition and Role of Milk Metabolites in Child Development. Journal of Agricultural and Food Chemistry, 2018, 66, 11881-11896.	5.2	90
76	Monitoring VOCs in atmospheric air II. Sample collection and preparation. TrAC - Trends in Analytical Chemistry, 2010, 29, 1101-1112.	11.4	89
77	Classification and fingerprinting of kiwi and pomelo fruits by multivariate analysis of chromatographic and spectroscopic data. Food Chemistry, 2012, 130, 994-1002.	8.2	89
78	Application of solid-phase microextraction for determination of organic vapours in gaseous matrices. Journal of Chromatography A, 2000, 885, 405-418.	3.7	88
79	Modern solutions in the field of microextraction using liquid as a medium of extraction. TrAC - Trends in Analytical Chemistry, 2016, 85, 46-64.	11.4	88
80	Porous structure of natural and modified clinoptilolites. Journal of Colloid and Interface Science, 2006, 297, 77-85.	9.4	85
81	Chemometrics in monitoring spatial and temporal variations in drinking water quality. Water Research, 2006, 40, 1706-1716.	11.3	84
82	Determination of nine high-intensity sweeteners in various foods by high-performance liquid chromatography with mass spectrometric detection. Analytical and Bioanalytical Chemistry, 2011, 400, 2159-2172.	3.7	83
83	Analytical techniques in studies of the environmental fate of pharmaceuticals and personal-care products. TrAC - Trends in Analytical Chemistry, 2007, 26, 557-568.	11.4	82
84	Photodegradation and biodegradation study of benzo(a)pyrene in different liquid media. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 168, 109-115.	3.9	81
85	Isolation and preconcentration of volatile organic compounds from water. Analytica Chimica Acta, 1990, 237, 1-60.	5.4	78
86	Direct solid phase microextraction combined with gas chromatography – Mass spectrometry for the determination of biogenic amines in wine. Talanta, 2018, 183, 276-282.	5.5	78
87	Indoor air quality (IAQ), pollutants, their sources and concentration levels. Building and Environment, 1992, 27, 339-356.	6.9	77
88	Comparison of bioactive compounds, antioxidant and antiproliferative activities of Mon Thong durian during ripening. Food Chemistry, 2010, 118, 540-547.	8.2	77
89	Phenolic Composition and Antioxidant Properties of Polish Blue-Berried Honeysuckle Genotypes by HPLC-DAD-MS, HPLC Postcolumn Derivatization with ABTS or FC, and TLC with DPPH Visualization. Journal of Agricultural and Food Chemistry, 2012, 60, 1755-1763.	5.2	77
90	Determination of trace levels of eleven bisphenol A analogues in human blood serum by high performance liquid chromatography–tandem mass spectrometry. Science of the Total Environment, 2018, 628-629, 1362-1368.	8.0	77

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91	Ammonium removal from aqueous solution by natural zeolite, Transcarpathian mordenite, kinetics, equilibrium and column tests. Separation and Purification Technology, 2005, 46, 155-160.	7.9	75
92	Analytical procedures for the determination of surfactants in environmental samples. Talanta, 2012, 88, 1-13.	5.5	75
93	A comparative study of phenolic compounds and antioxidant and antiproliferative activities in frequently consumed raw vegetables. European Food Research and Technology, 2009, 228, 903-911.	3.3	74
94	Theory and recent applications of coacervate-based extraction techniques. TrAC - Trends in Analytical Chemistry, 2015, 71, 282-292.	11.4	74
95	Concentration and sources of polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in surface soil near a municipal solid waste (MSW) landfill. Science of the Total Environment, 2015, 530-531, 18-27.	8.0	74
96	Methods of Selenium Supplementation: Bioavailability and Determination of Selenium Compounds. Critical Reviews in Food Science and Nutrition, 2016, 56, 36-55.	10.3	74
97	Computational modeling of molecularly imprinted polymers as a green approach to the development of novel analytical sorbents. TrAC - Trends in Analytical Chemistry, 2018, 98, 64-78.	11.4	73
98	Chemometric analysis of rainwater and throughfall at several sites in Poland. Atmospheric Environment, 2005, 39, 837-855.	4.1	71
99	Bioactive compounds and the antioxidant capacity in new kiwi fruit cultivars. Food Chemistry, 2014, 165, 354-361.	8.2	71
100	Analytical Applications of Membrane Extraction for Biomedical and Environmental Liquid Sample Preparation. Critical Reviews in Analytical Chemistry, 2005, 35, 217-235.	3.5	70
101	Speciation Analysis of Chromium in Environmental Samples. Critical Reviews in Environmental Science and Technology, 2012, 42, 327-377.	12.8	70
102	Abiotic degradation of chlorinated ethanes and ethenes in water. Environmental Science and Pollution Research, 2012, 19, 1994-2006.	5.3	68
103	Direct chromatographic methods in the context of green analytical chemistry. TrAC - Trends in Analytical Chemistry, 2012, 35, 67-73.	11.4	67
104	Chemical composition analysis and authentication of whisky. Journal of the Science of Food and Agriculture, 2015, 95, 2159-2166.	3.5	67
105	The impact of lipophilicity on environmental processes, drug delivery and bioavailability of food components. Microchemical Journal, 2019, 146, 393-406.	4.5	67
106	Solid Phase Microextraction — A Convenient Tool for the Determination of Organic Pollutants in Environmental Matrices. Critical Reviews in Analytical Chemistry, 2001, 31, 1-18.	3.5	66
107	Determination of polycyclic aromatic hydrocarbons in bulk precipitation and runoff waters in an urban region (Poland). Atmospheric Environment, 2002, 36, 361-369.	4.1	66
108	The atherosclerotic heart disease and protecting properties of garlic: contemporary data. Molecular Nutrition and Food Research, 2007, 51, 1365-1381.	3.3	66

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109	Prenatal exposure to substance of abuse: A worldwide problem. Environment International, 2013, 54, 141-163.	10.0	66
110	Bioassays as one of the Green Chemistry tools for assessing environmental quality: A review. Environment International, 2016, 94, 341-361.	10.0	66
111	Application of ionic liquids in microextraction techniques: Current trends and future perspectives. TrAC - Trends in Analytical Chemistry, 2019, 119, 115614.	11.4	66
112	Comparison of PCBs and PAHs levels in European coastal waters using mussels from the Mytilus edulis complex as biomonitors. Oceanologia, 2015, 57, 196-211.	2.2	65
113	Determination of nonsteroidal antiinflammatory drugs in water samples using liquid chromatography coupled with diode-array detector and mass spectrometry. Journal of Separation Science, 2005, 28, 2419-2426.	2.5	63
114	Convenient identification of desulfoglucosinolates on the basis of mass spectra obtained during liquid chromatography–diode array–electrospray ionisation mass spectrometry analysis: Method verification for sprouts of different Brassicaceae species extracts. Journal of Chromatography A, 2013, 1278, 108-115.	3.7	63
115	Elucidation of transformation pathway of ketoprofen, ibuprofen, and furosemide in surface water and their occurrence in the aqueous environment using UHPLC-QTOF-MS. Analytical and Bioanalytical Chemistry, 2014, 406, 3667-3680.	3.7	63
116	Greener organic solvents in analytical chemistry. Current Opinion in Green and Sustainable Chemistry, 2017, 5, 1-4.	5.9	63
117	An in situ derivatization – dispersive liquid–liquid microextraction combined with gas-chromatography – mass spectrometry for determining biogenic amines in home-made fermented alcoholic drinks. Journal of Chromatography A, 2016, 1453, 10-18.	3.7	61
118	The relationship between standard reduction potentials of catechins and biological activities involved in redox control. Redox Biology, 2018, 17, 355-366.	9.0	61
119	Chemical pollution and toxicity of water samples from stream receiving leachate from controlled municipal solid waste (MSW) landfill. Environmental Research, 2014, 135, 253-261.	7.5	60
120	Cucurbita Plants: From Farm to Industry. Applied Sciences (Switzerland), 2019, 9, 3387.	2.5	60
121	Evaluation of the suitability of selected porous polymers for preconcentrations of volatile organic compounds. Journal of Chromatography A, 1981, 208, 239-252.	3.7	59
122	Solid-phase extraction clean-up of soil and sediment extracts for the determination of various types of pollutants in a single run. Journal of Chromatography A, 2003, 1003, 29-42.	3.7	59
123	Application of ecotoxicological studies in integrated environmental monitoring: Possibilities and problems. TrAC - Trends in Analytical Chemistry, 2007, 26, 332-344.	11.4	59
124	Some analytical assays for the determination of bioactivity of exotic fruits. Phytochemical Analysis, 2010, 21, 355-362.	2.4	59
125	Opportunities and shortcomings of ionic liquids in single-drop microextraction. TrAC - Trends in Analytical Chemistry, 2015, 72, 153-168.	11.4	59
126	Dietary antioxidants as a source of hydrogen peroxide. Food Chemistry, 2019, 278, 692-699.	8.2	59

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127	Quality Assurance and Quality Control in the Analytical Chemical Laboratory. , 0, , .		59
128	Preconcentration of gaseous organic pollutants in the atmosphere. Talanta, 1988, 35, 567-587.	5.5	58
129	The doseâ€dependent influence of zinc and cadmium contamination of soil on their uptake and glucosinolate content in white cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>alba</i>). Environmental Toxicology and Chemistry, 2012, 31, 2482-2489.	4.3	58
130	Dopants and gas modifiers in ion mobility spectrometry. TrAC - Trends in Analytical Chemistry, 2016, 82, 237-249.	11.4	58
131	3-MCPD: A Worldwide Problem of Food Chemistry. Critical Reviews in Food Science and Nutrition, 2016, 56, 2268-2277.	10.3	58
132	Application of gas chromatography–tandem mass spectrometry for the determination of amphetamine-type stimulants in blood and urine. Journal of Pharmaceutical and Biomedical Analysis, 2018, 148, 58-64.	2.8	58
133	Organic pollutants in precipitation: determination of pesticides and polycyclic aromatic hydrocarbons in GdaÅ,,sk, Poland. Atmospheric Environment, 2000, 34, 1233-1245.	4.1	57
134	Monitoring VOCs in atmospheric air I. On-line gas analyzers. TrAC - Trends in Analytical Chemistry, 2010, 29, 1092-1100.	11.4	56
135	Supplementation of garlic lowers lipids and increases antioxidant capacity in plasma of rats. Nutrition Research, 2006, 26, 362-368.	2.9	55
136	Developments in ultrasound-assisted microextraction techniques for isolation and preconcentration of organic analytes from aqueous samples. TrAC - Trends in Analytical Chemistry, 2013, 49, 45-54.	11.4	55
137	In vitrostudies of polyphenols, antioxidants and other dietary indices in kiwifruit (Actinidia) Tj ETQq1 1 0.784314	rgBT /Ov	erlock 10 Tf 5
138	Preparation of Samples of Plant Material for Chromatographic Analysis. Journal of Chromatographic Science, 2003, 41, 109-116.	1.4	53
139	Chemical Derivatization Processes Applied to Amine Determination in Samples of Different Matrix Composition. Chemical Reviews, 2015, 115, 4693-4718.	47.7	53
140	Application of Ionic Liquids in Amperometric Gas Sensors. Critical Reviews in Analytical Chemistry, 2016, 46, 122-138.	3.5	53
141	New Polymeric Materials for Solid Phase Extraction. Critical Reviews in Analytical Chemistry, 2017, 47, 373-383.	3.5	53
142	Development and validation of a GC–MS/MS method for the determination of 11 amphetamines and 34 synthetic cathinones in whole blood. Forensic Toxicology, 2020, 38, 42-58.	2.4	53
143	Permeation passive sampling as a tool for the evaluation of indoor air quality. Atmospheric Environment, 2002, 36, 2907-2916.	4.1	52
144	Levels of 13 multi-class pesticide residues in Polish honeys determined by LC-ESI-MS/MS. Food Control, 2011, 22, 914-919.	5.5	52

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145	Influence of two cultivars of persimmon on atherosclerosis indices in rats fed cholesterol-containing diets: Investigation in vitro and in vivo. Nutrition, 2011, 27, 838-846.	2.4	52
146	Determination of EC 50 toxicity data of selected heavy metals toward Heterocypris incongruens and their comparison to "direct-contact―and microbiotests. Environmental Monitoring and Assessment, 2011, 174, 509-516.	2.7	52
147	Application of PCA and time series analysis in studies of precipitation in Tricity (Poland). Journal of Environmental Management, 2004, 8, 337-349.	1.7	51
148	Application of ion chromatography for the determination of inorganic ions, especially thiocyanates in human saliva samples as biomarkers of environmental tobacco smoke exposure. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 419-426.	2.3	51
149	BTEX concentration levels in urban air in the area of the Tri-City agglomeration (Gdansk, Gdynia,) Tj ETQq1 1 0.78	843134 rgBT	Overlock 51
150	Analytical procedures for determination of cocaine and its metabolites in biological samples. TrAC - Trends in Analytical Chemistry, 2010, 29, 209-224.	11.4	50
151	Application of an Electronic Nose Instrument to Fast Classification of Polish Honey Types. Sensors, 2014, 14, 10709-10724.	3.8	50
152	The flavour of fruit spirits and fruit liqueurs: a review. Flavour and Fragrance Journal, 2015, 30, 197-207.	2.6	50
153	Determining PAHs and PCBs in aqueous samples: finding and evaluating sources of error. Analytical and Bioanalytical Chemistry, 2005, 382, 1389-1397.	3.7	49
154	Retention behaviour of some high-intensity sweeteners on different SPE sorbents. Talanta, 2010, 82, 1742-1748.	5.5	49
155	The influence of different time durations of thermal processing on berries quality. Food Control, 2012, 26, 587-593.	5.5	49
156	Occurrence and levels of polybrominated diphenyl ethers (PBDEs) in house dust and hair samples from Northern Poland; an assessment of human exposure. Chemosphere, 2014, 110, 91-96.	8.2	49
157	Untargeted Lipidomics Reveals Differences in the Lipid Pattern among Clinical Isolates of <i>Staphylococcus aureus</i> Resistant and Sensitive to Antibiotics. Journal of Proteome Research, 2016, 15, 914-922.	3.7	49
158	Different Ways to Apply a Measurement Instrument of E-Nose Type to Evaluate Ambient Air Quality with Respect to Odour Nuisance in a Vicinity of Municipal Processing Plants. Sensors, 2017, 17, 2671.	3.8	49
159	Green Chemistry in Higher Education: State of the Art, Challenges, and Future Trends. ChemSusChem, 2018, 11, 2845-2858.	6.8	49
160	Electronic Noses in Medical Diagnostics. Current Medicinal Chemistry, 2019, 26, 197-215.	2.4	49
161	Technologies for deodorization of malodorous gases. Environmental Science and Pollution Research, 2019, 26, 9409-9434.	5.3	49
162	Role of reference materials in analysis of environmental pollutants. Science of the Total Environment, 1999, 228, 243-257.	8.0	48

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163	Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods. Journal of Chromatography A, 2009, 1216, 2456-2465.	3.7	48
164	Nutritional and Pharmaceutical Properties of Bioactive Compounds in Organic and Conventional Growing Kiwifruit. Plant Foods for Human Nutrition, 2013, 68, 57-64.	3.2	48
165	Determination of Pesticide Residues in Honeybees using Modified QUEChERS Sample Work-Up and Liquid Chromatography-Tandem Mass Spectrometry. Molecules, 2014, 19, 2911-2924.	3.8	48
166	Measurement techniques for assessing the olfactory impact of municipal sewage treatment plants. Environmental Monitoring and Assessment, 2016, 188, 32.	2.7	48
167	Membrane Solid-Phase Microextraction—A New Concept of Sorbent Preparation. Analytical Chemistry, 2009, 81, 7363-7367.	6.5	47
168	Indoor air quality of everyday use spaces dedicated to specific purposes—a review. Environmental Science and Pollution Research, 2018, 25, 2065-2082.	5.3	47
169	Determination of Odour Interactions in Gaseous Mixtures Using Electronic Nose Methods with Artificial Neural Networks. Sensors, 2018, 18, 519.	3.8	47
170	Quality Assurance and Quality Control in the Analytical Chemical Laboratory. , 0, , .		47
171	Trace Analysis — Challenges and Problems. Critical Reviews in Analytical Chemistry, 2002, 32, 271-300.	3.5	46
172	Comparative control of the bioactivity of some frequently consumed vegetables subjected to different processing conditions. Food Control, 2009, 20, 407-413.	5.5	46
173	Fog water chemical composition in different geographic regions of Poland. Atmospheric Research, 2010, 95, 455-469.	4.1	46
174	Determination of 3-MCPD and 2-MCPD esters in edible oils, fish oils and lipid fractions of margarines available on Polish market. Food Control, 2016, 59, 487-492.	5.5	46
175	Preparation and characterization of dummy-template molecularly imprinted polymers as potential sorbents for the recognition of selected polybrominated diphenyl ethers. Analytica Chimica Acta, 2018, 1030, 77-95.	5.4	46
176	Analytical Challenges and Recent Advances in the Determination of Estrogens in Water Environments. Journal of Chromatographic Science, 2009, 47, 127-139.	1.4	45
177	Preservation and Storage of Water Samples. Critical Reviews in Environmental Science and Technology, 2003, 33, 31-44.	12.8	44
178	The bioactivity of processed garlic (Allium sativum L.) as shown in vitro and in vivo studies on rats. Food and Chemical Toxicology, 2007, 45, 1626-1633.	3.6	44
179	Comparative characterisation of durian, mango and avocado. International Journal of Food Science and Technology, 2010, 45, 921-929.	2.7	44
180	Monitoring and analytics of semivolatile organic compounds (SVOCs) in indoor air. Analytical and Bioanalytical Chemistry, 2011, 400, 1751-1769.	3.7	44

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182	Rapid Characterization of the Human Breast Milk Lipidome Using a Solid-Phase Microextraction and Liquid Chromatography–Mass Spectrometry-Based Approach. Journal of Proteome Research, 2017, 16, 3200-3208.	3.7	44
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