

Jacek Namiesnik

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

740
papers

24,711
citations

72
h-index

123
g-index

764
ext. papers

28,283
ext. citations

5.9
avg. IF

7.62
L-index

#	Paper	IF	Citations
740	PAH diagnostic ratios for the identification of pollution emission sources. <i>Environmental Pollution</i> , 2012 , 162, 110-9	9.3	1039
739	The 12 principles of green analytical chemistry and the SIGNIFICANCE mnemonic of green analytical practices. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 50, 78-84	14.6	807
738	Analytical Eco-Scale for assessing the greenness of analytical procedures. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 37, 61-72	14.6	612
737	Study of the selection mechanism of heavy metal (Pb ²⁺ , Cu ²⁺ , Ni ²⁺ , and Cd ²⁺) adsorption on clinoptilolite. <i>Journal of Colloid and Interface Science</i> , 2006 , 304, 21-8	9.3	412
736	Modern trends in solid phase extraction: New sorbent media. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 77, 23-43	14.6	376
735	Review of sewage sludge management: standards, regulations and analytical methods. <i>Journal of Cleaner Production</i> , 2015 , 90, 1-15	10.3	323
734	Miniaturized solid-phase extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 73, 19-38	14.6	295
733	Ionic liquids and deep eutectic mixtures: sustainable solvents for extraction processes. <i>ChemSusChem</i> , 2014 , 7, 1784-800	8.3	278
732	Passive sampling and/or extraction techniques in environmental analysis: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 381, 279-301	4.4	276
731	Passive sampling. <i>TrAC - Trends in Analytical Chemistry</i> , 2002 , 21, 276-291	14.6	256
730	Green aspects, developments and perspectives of liquid phase microextraction techniques. <i>Talanta</i> , 2014 , 119, 34-45	6.2	251
729	Green analytical chemistry--theory and practice. <i>Chemical Society Reviews</i> , 2010 , 39, 2869-78	58.5	230
728	Estimating uncertainty in analytical procedures based on chromatographic techniques. <i>Journal of Chromatography A</i> , 2010 , 1217, 882-91	4.5	224
727	Current trends in solid-phase microextraction (SPME) fibre coatings. <i>Chemical Society Reviews</i> , 2010 , 39, 4524-37	58.5	223
726	Green analytical chemistry in sample preparation for determination of trace organic pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 943-951	14.6	214
725	Recent developments and future trends in solid phase microextraction techniques towards green analytical chemistry. <i>Journal of Chromatography A</i> , 2013 , 1321, 1-13	4.5	202
724	Green Chemistry Metrics with Special Reference to Green Analytical Chemistry. <i>Molecules</i> , 2015 , 20, 10928-46	18.46	193

723	Advances in passive sampling in environmental studies. <i>Analytica Chimica Acta</i> , 2007 , 602, 141-63	6.6	192
722	The role of speciation in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2000 , 19, 69-79	14.6	190
721	Selected issues related to the toxicity of ionic liquids and deep eutectic solvents--a review. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11975-92	5.1	178
720	LCMS/MS analysis, antioxidant and anticholinergic properties of galanga (<i>Alpinia officinarum</i> Hance) rhizomes. <i>Industrial Crops and Products</i> , 2015 , 74, 712-721	5.9	176
719	Food analysis using artificial senses. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1423-48	5.7	176
718	Green chromatography. <i>Journal of Chromatography A</i> , 2013 , 1307, 1-20	4.5	160
717	Extraction with environmentally friendly solvents. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 91, 12-25	14.6	157
716	Accelerated Solvent Extraction (ASE) in the Analysis of Environmental Solid Samples Some Aspects of Theory and Practice. <i>Critical Reviews in Analytical Chemistry</i> , 2001 , 31, 149-165	5.2	156
715	Antioxidants and proteins in ethylene-treated kiwifruits. <i>Food Chemistry</i> , 2008 , 107, 640-648	8.5	154
714	Perspectives on the replacement of harmful organic solvents in analytical methodologies: a framework toward the implementation of a generation of eco-friendly alternatives. <i>Green Chemistry</i> , 2015 , 17, 3687-3705	10	150
713	Literature update of analytical methods for biogenic amines determination in food and beverages. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 128-142	14.6	148
712	Understanding solid-phase microextraction: key factors influencing the extraction process and trends in improving the technique. <i>Chemical Reviews</i> , 2013 , 113, 1667-85	68.1	147
711	Passive sampling as a tool for obtaining reliable analytical information in environmental quality monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 273-96	4.4	124
710	Antioxidant interactions between major phenolic compounds found in 'Ataulfo' mango pulp: chlorogenic, gallic, protocatechuic and vanillic acids. <i>Molecules</i> , 2012 , 17, 12657-64	4.8	123
709	Passive sampling for long-term monitoring of organic pollutants in water. <i>TrAC - Trends in Analytical Chemistry</i> , 2000 , 19, 446-459	14.6	123
708	Electronic noses in classification and quality control of edible oils: A review. <i>Food Chemistry</i> , 2018 , 246, 192-201	8.5	120
707	Comparison of the main bioactive compounds and antioxidant activities in garlic and white and red onions after treatment protocols. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 4418-26	5.7	119
706	Green analytical chemistry Some remarks. <i>Journal of Separation Science</i> , 2001 , 24, 151-153	3.4	114

705	Trends in solventless sample preparation techniques for environmental analysis. <i>Journal of Proteomics</i> , 2007 , 70, 275-88		112
704	Analytical methodologies for determination of artificial sweeteners in foodstuffs. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 1082-1102	14.6	108
703	Air quality policy in the U.S. and the EU – a review. <i>Atmospheric Pollution Research</i> , 2015 , 6, 129-137	4.5	106
702	Cyanides in the environment-analysis-problems and challenges. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15929-15948	5.1	105
701	Application of molecularly imprinted polymers in analytical chiral separations and analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 102, 91-102	14.6	103
700	PBDEs in environmental samples: sampling and analysis. <i>Talanta</i> , 2012 , 93, 1-17	6.2	99
699	Electronic noses: Powerful tools in meat quality assessment. <i>Meat Science</i> , 2017 , 131, 119-131	6.4	98
698	Moving your laboratories to the field--Advantages and limitations of the use of field portable instruments in environmental sample analysis. <i>Environmental Research</i> , 2015 , 140, 593-603	7.9	98
697	Analytics of surfactants in the environment: problems and challenges. <i>Chemical Reviews</i> , 2011 , 111, 5667-5800	7.00	98
696	Ammonium sorption from aqueous solutions by the natural zeolite Transcarpathian clinoptilolite studied under dynamic conditions. <i>Journal of Colloid and Interface Science</i> , 2005 , 284, 408-15	9.3	98
695	A solvent selection guide based on chemometrics and multicriteria decision analysis. <i>Green Chemistry</i> , 2015 , 17, 4773-4785	10	95
694	Low-cost Adsorbents Derived from Agricultural By-products/Wastes for Enhancing Contaminant Uptakes from Wastewater: A Review. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 479-510	2.3	94
693	Use of brassica plants in the phytoremediation and biofumigation processes. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 7760-71	6.3	93
692	Partial characterization of white cabbages (<i>Brassica oleracea</i> var. capitata f. alba) from different regions by glucosinolates, bioactive compounds, total antioxidant activities and proteins. <i>LWT - Food Science and Technology</i> , 2008 , 41, 1-9	5.4	92
691	Historical records of organic pollutants in sediment cores. <i>Marine Pollution Bulletin</i> , 2014 , 78, 26-42	6.7	91
690	The effect of heating and fermenting on antioxidant properties of white cabbage. <i>Food Chemistry</i> , 2008 , 108, 853-61	8.5	89
689	The properties, functions, and use of selenium compounds in living organisms. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2012 , 30, 225-52	4.5	85
688	Environmental risk-based ranking of solvents using the combination of a multimedia model and multi-criteria decision analysis. <i>Green Chemistry</i> , 2017 , 19, 1034-1042	10	84

687	Determination of volatile aliphatic amines in air by solid-phase microextraction coupled with gas chromatography with flame ionization detection. <i>Journal of Chromatography A</i> , 2003 , 1016, 1-9	4.5	84
686	Pharmaceutical and forensic drug applications of chiral supercritical fluid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 56, 74-89	14.6	83
685	Classification and fingerprinting of kiwi and pomelo fruits by multivariate analysis of chromatographic and spectroscopic data. <i>Food Chemistry</i> , 2012 , 130, 994-1002	8.5	83
684	Fate and Analysis of Pharmaceutical Residues in the Aquatic Environment. <i>Critical Reviews in Analytical Chemistry</i> , 2004 , 34, 51-67	5.2	83
683	Trends in Environmental Analytics and Monitoring. <i>Critical Reviews in Analytical Chemistry</i> , 2000 , 30, 221-269	3.69	83
682	Comparison of the contents of bioactive compounds and the level of antioxidant activity in different kiwifruit cultivars. <i>Journal of Food Composition and Analysis</i> , 2011 , 24, 963-970	4.1	82
681	Isoprostanes-biomarkers of lipid peroxidation: their utility in evaluating oxidative stress and analysis. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 4631-59	6.3	81
680	Determination of antibiotic residues in honey. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1035-1041	14.6	81
679	Pesticide residues levels in honey from apiaries located of Northern Poland. <i>Food Control</i> , 2013 , 31, 196-201	2.01	80
678	Modern solutions in the field of microextraction using liquid as a medium of extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 85, 46-64	14.6	79
677	Honey bees and their products: Bioindicators of environmental contamination. <i>Critical Reviews in Environmental Science and Technology</i> , 2016 , 46, 235-248	11.1	78
676	Antioxidant properties and bioactive constituents of some rare exotic Thai fruits and comparison with conventional fruits. <i>Food Research International</i> , 2011 , 44, 2222-2232	7	77
675	Application of solid-phase microextraction for determination of organic vapours in gaseous matrices. <i>Journal of Chromatography A</i> , 2000 , 885, 405-18	4.5	77
674	Analytical techniques in studies of the environmental fate of pharmaceuticals and personal-care products. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 557-568	14.6	74
673	Characteristics of odors emitted from municipal wastewater treatment plant and methods for their identification and deodorization techniques. <i>Environmental Research</i> , 2016 , 151, 573-586	7.9	74
672	Ion mobility spectrometry: Current status and application for chemical warfare agents detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 85, 10-20	14.6	73
671	Portable Electronic Nose Based on Electrochemical Sensors for Food Quality Assessment. <i>Sensors</i> , 2017 , 17,	3.8	73
670	Challenges in preparing honey samples for chromatographic determination of contaminants and trace residues. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 785-793	14.6	73

669	Monitoring VOCs in atmospheric air II. Sample collection and preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 1101-1112	14.6	72
668	Sources and Fate of PAHs and PCBs in the Marine Environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2012 , 42, 1172-1189	11.1	69
667	The speciation and physico-chemical forms of metals in surface waters and sediments. <i>Chemical Speciation and Bioavailability</i> , 2010 , 22, 1-24		69
666	Current air quality analytics and monitoring: a review. <i>Analytica Chimica Acta</i> , 2015 , 853, 116-126	6.6	68
665	Chemometrics in monitoring spatial and temporal variations in drinking water quality. <i>Water Research</i> , 2006 , 40, 1706-16	12.5	68
664	Photodegradation and biodegradation study of benzo(a)pyrene in different liquid media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004 , 168, 109-115	4.7	67
663	Isolation and preconcentration of volatile organic compounds from water. <i>Analytica Chimica Acta</i> , 1990 , 237, 1-60	6.6	67
662	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. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1755-63	5.7	66
661	Porous structure of natural and modified clinoptilolites. <i>Journal of Colloid and Interface Science</i> , 2006 , 297, 77-85	9.3	65
660	Analytical applications and physicochemical properties of ionic liquid-based hybrid materials: A review. <i>Analytica Chimica Acta</i> , 2019 , 1054, 1-16	6.6	65
659	Analytical procedures for the determination of surfactants in environmental samples. <i>Talanta</i> , 2012 , 88, 1-13	6.2	64
658	Determination of nine high-intensity sweeteners in various foods by high-performance liquid chromatography with mass spectrometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2159-72	4.4	64
657	Comparison of bioactive compounds, antioxidant and antiproliferative activities of Mon Thong durian during ripening. <i>Food Chemistry</i> , 2010 , 118, 540-547	8.5	62
656	Chemometric analysis of rainwater and throughfall at several sites in Poland. <i>Atmospheric Environment</i> , 2005 , 39, 837-855	5.3	62
655	Bioactive compounds and the antioxidant capacity in new kiwi fruit cultivars. <i>Food Chemistry</i> , 2014 , 165, 354-61	8.5	61
654	PTR-MS and GC-MS as complementary techniques for analysis of volatiles: A tutorial review. <i>Analytica Chimica Acta</i> , 2018 , 1035, 1-13	6.6	60
653	Direct chromatographic methods in the context of green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 35, 67-73	14.6	60
652	Concentration and sources of polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in surface soil near a municipal solid waste (MSW) landfill. <i>Science of the Total Environment</i> , 2015 , 530-531, 18-27	10.2	60

651	Ammonium removal from aqueous solution by natural zeolite, Transcarpathian mordenite, kinetics, equilibrium and column tests. <i>Separation and Purification Technology</i> , 2005 , 46, 155-160	8.3	60
650	Solid Phase Microextraction [A Convenient Tool for the Determination of Organic Pollutants in Environmental Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2001 , 31, 1-18	5.2	60
649	Indoor air quality (IAQ), pollutants, their sources and concentration levels. <i>Building and Environment</i> , 1992 , 27, 339-356	6.5	60
648	Beneficial effects and potential risks of tomato consumption for human health: An overview. <i>Nutrition</i> , 2019 , 62, 201-208	4.8	59
647	A comparative study of phenolic compounds and antioxidant and antiproliferative activities in frequently consumed raw vegetables. <i>European Food Research and Technology</i> , 2009 , 228, 903-911	3.4	59
646	Abiotic degradation of chlorinated ethanes and ethenes in water. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 1994-2006	5.1	58
645	Analytical Applications of Membrane Extraction for Biomedical and Environmental Liquid Sample Preparation. <i>Critical Reviews in Analytical Chemistry</i> , 2005 , 35, 217-235	5.2	58
644	Determination of polycyclic aromatic hydrocarbons in bulk precipitation and runoff waters in an urban region (Poland). <i>Atmospheric Environment</i> , 2002 , 36, 361-369	5.3	58
643	Solid Phase Microextraction: Apparatus, Sorbent Materials, and Application. <i>Critical Reviews in Analytical Chemistry</i> , 2019 , 49, 271-288	5.2	58
642	The atherosclerotic heart disease and protecting properties of garlic: contemporary data. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 1365-81	5.9	57
641	Quality Assurance and Quality Control in the Analytical Chemical Laboratory		57
640	Determination of trace levels of eleven bisphenol A analogues in human blood serum by high performance liquid chromatography-tandem mass spectrometry. <i>Science of the Total Environment</i> , 2018 , 628-629, 1362-1368	10.2	56
639	Direct solid phase microextraction combined with gas chromatography - Mass spectrometry for the determination of biogenic amines in wine. <i>Talanta</i> , 2018 , 183, 276-282	6.2	56
638	Bioassays as one of the Green Chemistry tools for assessing environmental quality: A review. <i>Environment International</i> , 2016 , 94, 341-361	12.9	56
637	Opportunities and shortcomings of ionic liquids in single-drop microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 72, 153-168	14.6	55
636	Prenatal exposure to substance of abuse: a worldwide problem. <i>Environment International</i> , 2013 , 54, 141-63	12.9	55
635	Speciation Analysis of Chromium in Environmental Samples. <i>Critical Reviews in Environmental Science and Technology</i> , 2012 , 42, 327-377	11.1	54
634	Determination of nonsteroidal antiinflammatory drugs in water samples using liquid chromatography coupled with diode-array detector and mass spectrometry. <i>Journal of Separation Science</i> , 2005 , 28, 2419-26	3.4	54

633	Computational modeling of molecularly imprinted polymers as a green approach to the development of novel analytical sorbents. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 64-78	14.6	54
632	Chemistry of Human Breast Milk-A Comprehensive Review of the Composition and Role of Milk Metabolites in Child Development. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 11881-11896	5.7	54
631	Solid-phase extraction clean-up of soil and sediment extracts for the determination of various types of pollutants in a single run. <i>Journal of Chromatography A</i> , 2003 , 1003, 29-42	4.5	53
630	Organic pollutants in precipitation: determination of pesticides and polycyclic aromatic hydrocarbons in Gdańsk, Poland. <i>Atmospheric Environment</i> , 2000 , 34, 1233-1245	5.3	53
629	Theory and recent applications of coacervate-based extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 71, 282-292	14.6	52
628	Application of ecotoxicological studies in integrated environmental monitoring: Possibilities and problems. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 332-344	14.6	52
627	Evaluation of the suitability of selected porous polymers for preconcentrations of volatile organic compounds. <i>Journal of Chromatography A</i> , 1981 , 208, 239-252	4.5	52
626	Developments in ultrasound-assisted microextraction techniques for isolation and preconcentration of organic analytes from aqueous samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 49, 45-54	14.6	51
625	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. <i>Journal of Chromatography A</i> , 2013 , 1278, 108-115	4.5	50
624	Comparison of PCBs and PAHs levels in European coastal waters using mussels from the <i>Mytilus edulis</i> complex as biomonitors. <i>Oceanologia</i> , 2015 , 57, 196-211	2.2	50
623	Some analytical assays for the determination of bioactivity of exotic fruits. <i>Phytochemical Analysis</i> , 2010 , 21, 355-62	3.4	50
622	An in situ derivatization - dispersive liquid-liquid microextraction combined with gas-chromatography - mass spectrometry for determining biogenic amines in home-made fermented alcoholic drinks. <i>Journal of Chromatography A</i> , 2016 , 1453, 10-8	4.5	50
621	Preconcentration of gaseous organic pollutants in the atmosphere. <i>Talanta</i> , 1988 , 35, 567-587	6.2	49
620	Elucidation of transformation pathway of ketoprofen, ibuprofen, and furosemide in surface water and their occurrence in the aqueous environment using UHPLC-QTOF-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 3667-80	4.4	47
619	Application of ion chromatography for the determination of inorganic ions, especially thiocyanates in human saliva samples as biomarkers of environmental tobacco smoke exposure. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 875, 419-26	3.2	47
618	Methods of Selenium Supplementation: Bioavailability and Determination of Selenium Compounds. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 36-55	11.5	46
617	In vitro studies of polyphenols, antioxidants and other dietary indices in kiwifruit (<i>Actinidia deliciosa</i>). <i>International Journal of Food Sciences and Nutrition</i> , 2006 , 57, 107-22	3.7	46
616	Supplementation of garlic lowers lipids and increases antioxidant capacity in plasma of rats. <i>Nutrition Research</i> , 2006 , 26, 362-368	4	46

615	Permeation passive sampling as a tool for the evaluation of indoor air quality. <i>Atmospheric Environment</i> , 2002 , 36, 2907-2916	5.3	46
614	Determining PAHs and PCBs in aqueous samples: finding and evaluating sources of error. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1389-97	4.4	46
613	Application of ionic liquids in microextraction techniques: Current trends and future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 119, 115614	14.6	45
612	Influence of two cultivars of persimmon on atherosclerosis indices in rats fed cholesterol-containing diets: Investigation in vitro and in vivo. <i>Nutrition</i> , 2011 , 27, 838-46	4.8	45
611	Role of reference materials in analysis of environmental pollutants. <i>Science of the Total Environment</i> , 1999 , 228, 243-57	10.2	45
610	Determination of EC50 toxicity data of selected heavy metals toward <i>Heterocypris incongruens</i> and their comparison to "direct-contact" and microbiotests. <i>Environmental Monitoring and Assessment</i> , 2011 , 174, 509-16	3.1	44
609	Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods. <i>Journal of Chromatography A</i> , 2009 , 1216, 2456-65	4.5	44
608	Chemical composition analysis and authentication of whisky. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 2159-66	4.3	43
607	Application of Ionic Liquids in Amperometric Gas Sensors. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 122-38	5.2	43
606	The dose-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>). <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2482-9	3.8	43
605	Retention behaviour of some high-intensity sweeteners on different SPE sorbents. <i>Talanta</i> , 2010 , 82, 1742-8	6.2	43
604	Monitoring VOCs in atmospheric air I. On-line gas analyzers. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 1092-1100	14.6	43
603	BTEX concentration levels in urban air in the area of the Tri-City agglomeration (Gdansk, Gdynia, Sopot), Poland. <i>Air Quality, Atmosphere and Health</i> , 2014 , 7, 489-504	5.6	42
602	Application of PCA and time series analysis in studies of precipitation in Tricity (Poland). <i>Journal of Environmental Management</i> , 2004 , 8, 337-349		42
601	Greener organic solvents in analytical chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017 , 5, 1-4	7.9	41
600	Chemical pollution and toxicity of water samples from stream receiving leachate from controlled municipal solid waste (MSW) landfill. <i>Environmental Research</i> , 2014 , 135, 253-61	7.9	41
599	Chemical derivatization processes applied to amine determination in samples of different matrix composition. <i>Chemical Reviews</i> , 2015 , 115, 4693-718	68.1	41
598	Comparative control of the bioactivity of some frequently consumed vegetables subjected to different processing conditions. <i>Food Control</i> , 2009 , 20, 407-413	6.2	41

597	The flavour of fruit spirits and fruit liqueurs: a review. <i>Flavour and Fragrance Journal</i> , 2015 , 30, 197-207	2.5	40
596	Measurement techniques for assessing the olfactory impact of municipal sewage treatment plants. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 32	3.1	40
595	Occurrence and levels of polybrominated diphenyl ethers (PBDEs) in house dust and hair samples from Northern Poland; an assessment of human exposure. <i>Chemosphere</i> , 2014 , 110, 91-6	8.4	40
594	The influence of different time durations of thermal processing on berries quality. <i>Food Control</i> , 2012 , 26, 587-593	6.2	40
593	Polyethylene glycol-coated solid-phase microextraction fibres for the extraction of polar analytes--a review. <i>Talanta</i> , 2011 , 87, 1-7	6.2	40
592	Membrane solid-phase microextraction--a new concept of sorbent preparation. <i>Analytical Chemistry</i> , 2009 , 81, 7363-7	7.8	40
591	Dopants and gas modifiers in ion mobility spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 237-249	14.6	39
590	Application of an electronic nose instrument to fast classification of Polish honey types. <i>Sensors</i> , 2014 , 14, 10709-24	3.8	39
589	Analytical challenges and recent advances in the determination of estrogens in water environments. <i>Journal of Chromatographic Science</i> , 2009 , 47, 127-39	1.4	39
588	Analytical procedures for determination of cocaine and its metabolites in biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 209-224	14.6	39
587	The bioactivity of processed garlic (<i>Allium sativum</i> L.) as shown in vitro and in vivo studies on rats. <i>Food and Chemical Toxicology</i> , 2007 , 45, 1626-33	4.7	39
586	3-MCPD: A Worldwide Problem of Food Chemistry. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 2268-77	11.5	38
585	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. <i>Sensors</i> , 2017 , 17,	3.8	38
584	Levels of 13 multi-class pesticide residues in Polish honeys determined by LC-ESI-MS/MS. <i>Food Control</i> , 2011 , 22, 914-919	6.2	38
583	Application of Passive Samplers in Monitoring of Organic Constituents of Air. <i>Critical Reviews in Analytical Chemistry</i> , 2007 , 37, 51-78	5.2	38
582	Monitoring of organic pollutants in coastal waters of the Gulf of Gdańsk, Southern Baltic. <i>Marine Pollution Bulletin</i> , 2004 , 49, 264-76	6.7	38
581	Preparation of samples of plant material for chromatographic analysis. <i>Journal of Chromatographic Science</i> , 2003 , 41, 109-16	1.4	38
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