

Jacek Namiesnik

List of Publications by Year in Descending Order

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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	Interactions between polyphenolic antioxidants quercetin and naringenin dictate the distinctive redox-related chemical and biological behaviour of their mixtures. <i>Scientific Reports</i> , 2021 , 11, 12282	4.9	6
739	Recent Applications of 1D GC-MS and 2D GC-MS in Foodomics Studies 2021 , 19-38		2
738	Sample Preparation in Foodomics: Miniaturized Solid-Phase Extraction 2021 , 566-580		
737	Genotoxicity of selected pharmaceuticals, their binary mixtures, and varying environmental conditions - study with human adenocarcinoma cancer HT29 cell line. <i>Drug and Chemical Toxicology</i> , 2021 , 44, 113-123	2.3	5
736	Comparative evaluation of different methods for determining phytochemicals and antioxidant activity in products containing betalains - Verification of beetroot samples. <i>Food Chemistry</i> , 2021 , 362, 130132	8.5	7
735	Determination of bromhexine and its metabolites in equine serum samples by liquid chromatography - Tandem mass spectrometry: Applicability to the elimination study after single oral dose. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1151, 122197	3.2	0
734	Chapter 9:Green Chromatography: State-of-the-art, Opportunities and Future Perspectives. <i>RSC Green Chemistry</i> , 2020 , 255-276	0.9	1
733	Chapter 11:Evaluation of the Greenness of Analytical Procedures. <i>RSC Green Chemistry</i> , 2020 , 337-369	0.9	1
732	Changes in daily life reduce indoor exposure to selected endocrine disruptors in the home environment: a pilot intervention study. <i>Acta Biochimica Polonica</i> , 2020 , 67, 273-276	2	3
731	A novel method for rapid and quantitative detection of bisphenol A in urine. <i>Acta Biochimica Polonica</i> , 2020 , 67, 409-415	2	
730	Detection, identification and determination of chiral pharmaceutical residues in wastewater: Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 122, 115710	14.6	24
729	Ultrasound assisted solvent extraction of porous membrane-packed samples followed by liquid chromatography-tandem mass spectrometry for determination of BADGE, BFDGE and their derivatives in packed vegetables. <i>Science of the Total Environment</i> , 2020 , 708, 135178	10.2	3
728	Production of certified reference materials - homogeneity and stability study based on the determination of total mercury and methylmercury. <i>Microchemical Journal</i> , 2020 , 153, 104338	4.8	8
727	Development and validation of a GC/MS/MS method for the determination of 11 amphetamines and 34 synthetic cathinones in whole blood. <i>Forensic Toxicology</i> , 2020 , 38, 42-58	2.6	31
726	Cucurbita Plants: From Farm to Industry. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3387	2.6	35
725	Evaluation of the influence of grapevine growing conditions on wine quality. <i>Monatshefte für Chemie</i> , 2019 , 150, 1579-1584	1.4	0
724	Quantification of unconjugated and total ibuprofen and its metabolites in equine urine samples by gas chromatography-tandem mass spectrometry: Application to the excretion study. <i>Microchemical Journal</i> , 2019 , 150, 104129	4.8	3

723	Electronic Noses in Medical Diagnostics. <i>Current Medicinal Chemistry</i> , 2019 , 26, 197-215	4.3	33
722	Differences between selected volatile aromatic compound concentrations in sludge samples in various steps of wastewater treatment plant operations. <i>Journal of Environmental Management</i> , 2019 , 249, 109426	7.9	8
721	State of the art and prospects of methods for determination of lipophilicity of chemical compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 54-73	14.6	23
720	Nanoconfined Ionic Liquids 2019 , 23-72		
719	Monitoring of odors emitted from stabilized dewatered sludge subjected to aging using proton transfer reaction-mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5500-5513 ^{5.1}	5.1	16
718	Beneficial effects and potential risks of tomato consumption for human health: An overview. <i>Nutrition</i> , 2019 , 62, 201-208	4.8	59
717	Influence of steam cooking on pro-health properties of Small and Large variety of Momordica charantia. <i>Food Control</i> , 2019 , 100, 335-349	6.2	1
716	Evaluation of Health Hazard Due to Emission of Volatile Organic Compounds from Various Processing Units of Wastewater Treatment Plant. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	27
715	Cytotoxic, antioxidant and binding properties of polyphenols from the selected gluten-free pseudocereals and their by-products: In vitro model. <i>Journal of Cereal Science</i> , 2019 , 87, 325-333	3.8	8
714	Determination of Antioxidant Activity of Vitamin C by Voltammetric Methods. <i>Proceedings (mdpi)</i> , 2019 , 11, 23	0.3	6
713	A rapid and eco-friendly method for determination of the main components of gamma-oryzanol in equestrian dietary and nutritional supplements by liquid chromatography-Tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 172, 339-348	3.5	4
712	DNA Methylation Changes Induced by Redox-Active Compounds Choosing the Right PCR-Based Method. <i>Proceedings (mdpi)</i> , 2019 , 11, 20	0.3	1
711	Comparison of Redox Properties of Flavonoid Aglycones and Corresponding Glycosides and Their Mixtures in the Cellular Model. <i>Proceedings (mdpi)</i> , 2019 , 11, 25	0.3	0
710	Comparison of GC-MS and MEKC methods for caffeine determination in preworkout supplements. <i>Electrophoresis</i> , 2019 , 40, 1540-1549	3.6	4
709	A new dilution-enrichment sample preparation strategy for expanded metabolome monitoring of human breast milk that overcomes the simultaneous presence of low- and high-abundance lipid species. <i>Food Chemistry</i> , 2019 , 288, 154-161	8.5	17
708	Green and equitable analytical chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019 , 19, 19-23	7.9	14
707	Analytical procedures for short chain chlorinated paraffins determination - How to make them greener?. <i>Science of the Total Environment</i> , 2019 , 671, 309-323	10.2	7
706	Prediction of the Biogenic Amines Index of Poultry Meat Using an Electronic Nose. <i>Sensors</i> , 2019 , 19,	3.8	14

705	State of the art in sample preparation for human breast milk metabolomics: merits and limitations. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 114, 1-10	14.6	4
704	Technologies for deodorization of malodorous gases. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 9409-9434	5.1	34
703	Green Analytical Chemistry: Summary of Existing Knowledge and Future Trends. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 431-449	1.1	5
702	History and Milestones of Green Analytical Chemistry. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 1-17	1.1	5
701	New Achievements in the Field of Extraction of Trace Analytes from Samples Characterized by Complex Composition of the Matrix. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 103-150	1.1	1
700	Glycolytic genes expression, proapoptotic potential in relation to the total content of bioactive compounds in durian fruits. <i>Food Research International</i> , 2019 , 125, 108563	7	7
699	Stabilities of bisphenol A diglycidyl ether, bisphenol F diglycidyl ether, and their derivatives under controlled conditions analyzed using liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 6387-6398	4.4	7
698	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
697	Nonsteroidal anti-inflammatory drug metabolism studies in horses in view of doping control: analytical strategies and challenges. <i>Analytical Methods</i> , 2019 , 11, 3767-3792	3.2	
696	Bisphenol A levels are negatively correlated with serum vitamin D-binding protein and sex hormone-binding globulin levels in women with polycystic ovary syndrome: a pilot study. <i>Polish Archives of Internal Medicine</i> , 2019 , 129, 133-136	1.9	3
695	Biomarkers of Alcohol Consumption in Body Fluids - Possibilities and Limitations of Application in Toxicological Analysis. <i>Current Medicinal Chemistry</i> , 2019 , 26, 177-196	4.3	18
694	Molecularly imprinted polymers applied in capillary electrochromatography and electrophoresis techniques. <i>Comprehensive Analytical Chemistry</i> , 2019 , 86, 235-259	1.9	3
693	Key-Marker Volatile Compounds in Aromatic Rice () Grains: An HS-SPME Extraction Method Combined with GC-TOFMS. <i>Molecules</i> , 2019 , 24,	4.8	12
692	Solid Phase Microextraction: Apparatus, Sorbent Materials, and Application. <i>Critical Reviews in Analytical Chemistry</i> , 2019 , 49, 271-288	5.2	58
691	Determination of free tyrosine in equestrian supplements by LC-MS/MS and comparison of its quantity with total free amino acids content in view of doping control. <i>Microchemical Journal</i> , 2019 , 146, 56-65	4.8	6
690	Bisphenols (A, S, and F) affect the basic hormonal activity determined for pharmaceuticals - Study of <i>Saccharomyces cerevisiae</i> . <i>Environmental Pollution</i> , 2019 , 246, 914-920	9.3	10
689	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
688	Recent trends in determination of neurotoxins in aquatic environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 112, 112-122	14.6	11

687	The impact of lipophilicity on environmental processes, drug delivery and bioavailability of food components. <i>Microchemical Journal</i> , 2019 , 146, 393-406	4.8	33
686	Dispersive liquid-liquid microextraction combined with gas chromatography-mass spectrometry for in situ determination of biogenic amines in meat: Estimation of meat's freshness. <i>Microchemical Journal</i> , 2019 , 145, 130-138	4.8	26
685	Study of pH and temperature effect on lipophilicity of catechol-containing antioxidants by reversed phase liquid chromatography. <i>Microchemical Journal</i> , 2019 , 145, 380-387	4.8	6
684	Methylmercury and total mercury content in soft tissues of two bird species wintering in the Baltic Sea near Gdansk, Poland. <i>Chemosphere</i> , 2019 , 219, 140-147	8.4	5
683	Dietary antioxidants as a source of hydrogen peroxide. <i>Food Chemistry</i> , 2019 , 278, 692-699	8.5	32
682	Evaluation of flavour profiles in e-cigarette refill solutions using gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1547, 86-98	4.5	29
681	Mercury concentration and the absolute and relative sizes of the internal organs in cormorants <i>Phalacrocorax carbo</i> (L. 1758) from the breeding colony by the Vistula Lagoon (Poland). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 154, 118-126	7	4
680	Trace Elements in Aquatic Environments 2018 , 143-160		4
679	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
678	Monitoring and efficiency assessment of biofilter air deodorization using electronic nose prototype. <i>Chemical Papers</i> , 2018 , 72, 527-532	1.9	16
677	Implementation of multicriteria decision analysis in design of experiment for dispersive liquid-liquid microextraction optimization for chlorophenols determination. <i>Journal of Chromatography A</i> , 2018 , 1553, 25-31	4.5	11
676	Characterization of home-made and regional fruit wines by evaluation of correlation between selected chemical parameters. <i>Microchemical Journal</i> , 2018 , 140, 66-73	4.8	7
675	Recent advances in assessing xenobiotics migrating from packaging material - A review. <i>Analytica Chimica Acta</i> , 2018 , 1023, 1-21	6.6	21
674	CE-MS and GC-MS as Green and Complementary Methods for the Analysis of Biogenic Amines in Wine. <i>Food Analytical Methods</i> , 2018 , 11, 2614-2627	3.4	11
673	Human serum interactions with phenolic and aroma substances of Kaffir (<i>Citrus hystrix</i>) and Key lime (<i>Citrus aurantifolia</i>) juices. <i>Journal of Luminescence</i> , 2018 , 201, 115-122	3.8	8
672	A case study of odour nuisance evaluation in the context of integrated urban planning. <i>Journal of Environmental Management</i> , 2018 , 213, 417-424	7.9	26
671	Simultaneous determination of ibuprofen and its metabolites in complex equine urine matrices by GC-EI-MS in excretion study in view of doping control. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 152, 279-288	3.5	9
670	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

669	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
668	Rapid Evaluation of Poultry Meat Shelf Life Using PTR-MS. <i>Food Analytical Methods</i> , 2018 , 11, 2085-2092	3.4	5
667	Impact of selected drugs and their binary mixtures on the germination of Sorghum bicolor (sorgo) seeds. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 18717-18727	5.1	7
666	Quality of limes juices based on the aroma and antioxidant properties. <i>Food Control</i> , 2018 , 89, 270-279	6.2	16
665	Problems and Challenges to Determine Pesticide Residues in Bumblebees. <i>Critical Reviews in Analytical Chemistry</i> , 2018 , 48, 447-458	5.2	6
664	Impact of inorganic ions and pH variations on toxicity and endocrine potential of selected environmentally relevant pharmaceuticals. <i>Environmental Pollution</i> , 2018 , 237, 549-558	9.3	6
663	Detection, identification and determination of resveratrol in wine. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 21-33	14.6	31
662	Determination of thiocyanate as a biomarker of tobacco smoke constituents in selected biological materials of human origin. <i>Biomedical Chromatography</i> , 2018 , 32, e4111	1.7	9
661	Pre-selection and assessment of green organic solvents by clustering chemometric tools. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 292-298	7	12
660	Influence of different cultivation systems on bioactivity of asparagus. <i>Food Chemistry</i> , 2018 , 244, 349-358	5	18
659	Assessing ecotoxicity and the endocrine potential of selected phthalates, BADGE and BFDGE derivatives in relation to environmentally detectable levels. <i>Science of the Total Environment</i> , 2018 , 610-611, 854-866	10.2	24
658	Application of gas chromatography-tandem mass spectrometry for the determination of amphetamine-type stimulants in blood and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 148, 58-64	3.5	37
657	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
656	Evaluation of the Impact of Storage Conditions on the Biogenic Amines Profile in Opened Wine Bottles. <i>Molecules</i> , 2018 , 23,	4.8	5
655	Expectation-Maximization Model for Substitution of Missing Values Characterizing Greenness of Organic Solvents. <i>Molecules</i> , 2018 , 23,	4.8	7
654	Determination of Odour Interactions in Gaseous Mixtures Using Electronic Nose Methods with Artificial Neural Networks. <i>Sensors</i> , 2018 , 18,	3.8	35
653	Preparation and characterization of dummy-template molecularly imprinted polymers as potential sorbents for the recognition of selected polybrominated diphenyl ethers. <i>Analytica Chimica Acta</i> , 2018 , 1030, 77-95	6.6	37
652	Direct determination of cadaverine in the volatile fraction of aerobically stored chicken breast samples. <i>Monatshefte für Chemie</i> , 2018 , 149, 1521-1525	1.4	1

651	Complementary use of GCxGC-TOF-MS and statistics for differentiation of variety in biosolid samples. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1587-1594	1.4	11
650	Novel analytical method for detection of orange juice adulteration based on ultra-fast gas chromatography. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1615-1621	1.4	15
649	Rapid assessment of the authenticity of limequat fruit using the electronic nose and gas chromatography coupled with mass spectrometry. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1605-1614	1.4	7
648	Application of fuzzy logic to determine the odour intensity of model gas mixtures using electronic nose. <i>E3S Web of Conferences</i> , 2018 , 28, 01036	0.5	2
647	A rapid and sensitive method for the quantitative analysis of ibuprofen and its metabolites in equine urine samples by gas chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018 , 41, 3881-3891	3.4	9
646	New approach for e-cigarette aerosol collection by an original automatic aerosol generator utilizing melt-blown non-woven fabric. <i>Analytica Chimica Acta</i> , 2018 , 1038, 67-78	6.6	7
645	Phytoavailability of potentially toxic elements from industrially contaminated soils to wild grass. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 317-324	7	2
644	Instrumental measurement of odour nuisance in city agglomeration using electronic nose. <i>E3S Web of Conferences</i> , 2018 , 28, 01012	0.5	5
643	A novel analytical approach in the assessment of unprocessed Kaffir lime peel and pulp as potential raw materials for cosmetic applications. <i>Industrial Crops and Products</i> , 2018 , 120, 313-321	5.9	13
642	Structure and performance properties of environmentally-friendly biocomposites based on poly(ϵ -caprolactone) modified with copper slag and shale drill cuttings wastes. <i>Science of the Total Environment</i> , 2018 , 640-641, 1320-1331	10.2	9
641	Determination of Toxicological Parameters of Selected Bioactive Organic Chemicals Using the Ostracodtookit FTM. <i>Chemistry, Didactics, Ecology, Metrology</i> , 2018 , 23, 113-126	0.9	4
640	Evaluation of Green Sample Preparation Techniques for Organic Compounds. <i>Current Green Chemistry</i> , 2018 , 5, 168-176	1.3	7
639	Application of Electronic Nose to Ambient Air Quality Evaluation With Respect to Odour Nuisance in Vicinity of Municipal Landfills and Sewage Treatment. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 175-201	0.3	2
638	Electronic Noses for Indoor Air Quality Assessment. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 202-223	0.3	
637	SORPTION OF SELECTED CHLORINATED SOLVENTS ON PLANT DEBRIS COLLECTED IN A CITY PARK. <i>Environmental Engineering and Management Journal</i> , 2018 , 17, 1805-1811	0.6	
636	Obtaining of Coumarone-Indene Resins Based on Light Fraction of Coal Tar. 2. Coumarone-Indene Resins with Epoxy Groups. <i>Chemistry and Chemical Technology</i> , 2018 , 12, 93-100	0.9	4
635	Obtaining of Coumarone-Indene Resins Based on Light Fraction of Coal Tar. 3. Coumarone-Indene Resins with Methacrylic Fragments. <i>Chemistry and Chemical Technology</i> , 2018 , 12, 379-385	0.9	3
634	Antioxidant properties of ferrous flavanol mixtures. <i>Food Chemistry</i> , 2018 , 268, 567-576	8.5	12

633	Electronic noses in classification and quality control of edible oils: A review. <i>Food Chemistry</i> , 2018 , 246, 192-201	8.5	120
632	Indoor air quality of everyday use spaces dedicated to specific purposes-a review. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 2065-2082	5.1	34
631	Detection of Bioactive Compounds in Organically and Conventionally Grown Asparagus Spears. <i>Food Analytical Methods</i> , 2018 , 11, 309-318	3.4	8
630	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
629	Simultaneous grouping and ranking with combination of SOM and TOPSIS for selection of preferable analytical procedure for furan determination in food. <i>Talanta</i> , 2018 , 178, 928-933	6.2	14
628	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
627	Evaluation of Three Peptide Immobilization Techniques on a QCM Surface Related to Acetaldehyde Responses in the Gas Phase. <i>Sensors</i> , 2018 , 18,	3.8	16
626	Chemometric Assessment and Best-Fit Function Modelling of the Toxic Potential of Selected Food Packaging Extracts. <i>Molecules</i> , 2018 , 23,	4.8	2
625	Determination of Metals Content in Wine Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Molecules</i> , 2018 , 23,	4.8	25
624	Complementary Use of Multi-dimensional Gas Chromatography and Proton Transfer Reaction Mass Spectrometry for Identification of Rapeseed Oil Quality Indicators. <i>Food Analytical Methods</i> , 2018 , 11, 3417-3424	3.4	5
623	Binary Mixtures of Selected Bisphenols in the Environment: Their Toxicity in Relationship to Individual Constituents. <i>Molecules</i> , 2018 , 23,	4.8	11
622	Meconium analysis as a promising diagnostic tool for monitoring fetal exposure to toxic substances: Recent trends and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 109, 124-141	14.6	7
621	Serum bisphenol A concentrations correlate with serum testosterone levels in women with polycystic ovary syndrome. <i>Reproductive Toxicology</i> , 2018 , 82, 32-37	3.4	20
620	Main strategies, analytical trends and challenges in LC-MS and ambient mass spectrometryBased metabolomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 108, 278-295	14.6	29
619	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
618	Birds' feathers Suitable samples for determination of environmental pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 109, 97-115	14.6	22
617	Comparison of Two Methods for the Determination of Selected Pesticides in Honey and Honeybee Samples. <i>Molecules</i> , 2018 , 23,	4.8	12
616	Analysis of volatile fraction of sweetie (¶)and its parent fruit using proton transfer reaction mass spectrometry. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1629-1634	1.4	1

615	A new method for real-time monitoring of volatiles in frying fumes using proton transfer reaction mass spectrometry with time-of-flight analyser. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1549-1554	1.4	3
614	Sample preparation and recent trends in volatolomics for diagnosing gastrointestinal diseases. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 108, 38-49	14.6	14
613	Modeling and MANOVA studies on toxicity and endocrine potential of packaging materials exposed to different extraction schemes. <i>Environmental Research</i> , 2018 , 165, 294-305	7.9	7
612	The relationship between standard reduction potentials of catechins and biological activities involved in redox control. <i>Redox Biology</i> , 2018 , 17, 355-366	11.3	35
611	Assessment of ecotoxicity and total volatile organic compound (TVOC) emissions from food and children's toy products. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 160, 282-289	7	5
610	Main complications connected with detection, identification and determination of trace organic constituents in complex matrix samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 173-184	14.6	10
609	Homogeneity study of candidate reference material (contaminated soil) based on determination of selected metals, PCBs and PAHs. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 128, 1-12	4.6	11
608	Green Chemistry in Higher Education: State of the Art, Challenges, and Future Trends. <i>ChemSusChem</i> , 2018 , 11, 2845-2858	8.3	24
607	An analytical hierarchy process for selection of the optimal procedure for resveratrol determination in wine samples. <i>Microchemical Journal</i> , 2018 , 142, 126-134	4.8	12
606	Impact of selected parameters of the fermentation process of wine and wine itself on the biogenic amines content: Evaluation by application of chemometric tools. <i>Microchemical Journal</i> , 2018 , 142, 187-194	4.8	9
605	The Use of Sensory Analysis Techniques to Assess the Quality of Indoor Air. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 37-50	5.2	7
604	Characterization of metabolites in different kiwifruit varieties by NMR and fluorescence spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 138, 80-91	3.5	20
603	Ultrasound-Assisted Extraction 2017 , 301-324		11
602	New Polymeric Materials for Solid Phase Extraction. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 373-383	5.2	36
601	Efficient three-dimensional fluorescence measurements for characterization of binding properties in some plants. <i>Sensors and Actuators B: Chemical</i> , 2017 , 248, 777-784	8.5	6
600	Electronic noses: Powerful tools in meat quality assessment. <i>Meat Science</i> , 2017 , 131, 119-131	6.4	98
599	Cyanides in the environment-analysis-problems and challenges. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15929-15948	5.1	105
598	The miniaturised emission chamber system and home-made passive flux sampler studies of monoaromatic hydrocarbons emissions from selected commercially-available floor coverings. <i>Building and Environment</i> , 2017 , 123, 1-13	6.5	15

597	Assessing Acute Toxicity of Selected Packages Internal Layers Extracts using Microtox [®] . <i>Packaging Technology and Science</i> , 2017 , 30, 347-357	2.3	2
596	Novel fast analytical method for indirect determination of MCPD fatty acid esters in edible oils and fats based on simultaneous extraction and derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4267-4278	4.4	10
595	Interaction of human serum albumin with volatiles and polyphenols from some berries. <i>Food Hydrocolloids</i> , 2017 , 72, 297-303	10.6	14
594	Extraction with environmentally friendly solvents. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 91, 12-25	14.6	157
593	Assessment and Optimization of Air Monitoring Network for Smart Cities with Multicriteria Decision Analysis. <i>Lecture Notes in Computer Science</i> , 2017 , 531-538	0.9	4
592	Greener organic solvents in analytical chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017 , 5, 1-4	7.9	41
591	Direct Analysis of Samples of Various Origin and Composition Using Specific Types of Mass Spectrometry. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 340-358	5.2	16
590	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
589	Development of potential candidate reference materials for drugs in bottom sediment, cod and herring tissues. <i>Chemosphere</i> , 2017 , 169, 181-187	8.4	2
588	Determination of Selected Metals in Fruit Wines by Spectroscopic Techniques. <i>Journal of Analytical Methods in Chemistry</i> , 2017 , 2017, 5283917	2	9
587	Comparison of an Electronic Nose Based on Ultrafast Gas Chromatography, Comprehensive Two-Dimensional Gas Chromatography, and Sensory Evaluation for an Analysis of Type of Whisky. <i>Journal of Chemistry</i> , 2017 , 2017, 1-13	2.3	6
586	Dynamic Headspace Sampling as an Initial Step for Sample Preparation in Chromatographic Analysis. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1599-1606	1.7	10
585	Miniaturized Solid Phase Extraction. <i>Comprehensive Analytical Chemistry</i> , 2017 , 279-318	1.9	4
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