

# Gauthier Eppe

## List of Publications by Citations

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115  
papers

2,929  
citations

31  
h-index

51  
g-index

129  
ext. papers

3,407  
ext. citations

5.5  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
115	Microplastics in livers of European anchovies ( <i>Engraulis encrasicolus</i> , L.). <i>Environmental Pollution</i> , <b>2017</b> , 229, 1000-1005	9.3	199
114	When Microplastic Is Not Plastic: The Ingestion of Artificial Cellulose Fibers by Macrofauna Living in Seagrass Macrophytodetritus. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 11158-66	10.3	181
113	Detection of Anthropogenic Particles in Fish Stomachs: An Isolation Method Adapted to Identification by Raman Spectroscopy. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2015</b> , 69, 331-9	3.2	177
112	Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium. <i>Biomarkers</i> , <b>2003</b> , 8, 529-34	2.6	135
111	Levels and congener distributions of PCDDs, PCDFs and non-ortho PCBs in Belgian foodstuffs--assessment of dietary intake. <i>Chemosphere</i> , <b>2002</b> , 48, 167-79	8.4	119
110	Fast clean-up for polychlorinated dibenzo-p-dioxins, dibenzofurans and coplanar polychlorinated biphenyls analysis of high-fat-content biological samples. <i>Journal of Chromatography A</i> , <b>2001</b> , 925, 207-215	4.5	98
109	Comprehensive two-dimensional gas chromatography with isotope dilution time-of-flight mass spectrometry for the measurement of dioxins and polychlorinated biphenyls in foodstuffs. Comparison with other methods. <i>Journal of Chromatography A</i> , <b>2005</b> , 1086, 45-60	4.5	78
108	Development of a Standard Reference Material for metabolomics research. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 11732-8	7.8	71
107	Anthropogenic particles in the stomach contents and liver of the freshwater fish <i>Squalius cephalus</i> . <i>Science of the Total Environment</i> , <b>2018</b> , 643, 1257-1264	10.2	70
106	Dietary intake of PCDD/Fs and dioxin-like PCBs of the Belgian population. <i>Chemosphere</i> , <b>2010</b> , 79, 334-40	4.4	69
105	Morphology of the filtration apparatus of three planktivorous fishes and relation with ingested anthropogenic particles. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 116, 182-191	6.7	68
104	Removal of dioxins and PCB from fish oil by activated carbon and its influence on the nutritional quality of the oil. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>2005</b> , 82, 593-597	1.8	67
103	Lack of isocitrate lyase in <i>Chlamydomonas</i> leads to changes in carbon metabolism and in the response to oxidative stress under mixotrophic growth. <i>Plant Journal</i> , <b>2014</b> , 77, 404-17	6.9	60
102	Assessment of the chemical contamination in home-produced eggs in Belgium: general overview of the CONTEGG study. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 4403-10	10.2	58
101	Validation of the CALUX bioassay for PCDD/F analyses in human blood plasma and comparison with GC-HRMS. <i>Talanta</i> , <b>2004</b> , 63, 1157-67	6.2	56
100	PTV-LV-GC/MS/MS as screening and complementary method to HRMS for the monitoring of dioxin levels in food and feed. <i>Talanta</i> , <b>2004</b> , 63, 1135-46	6.2	51
99	POPs in free-ranging pilot whales, sperm whales and fin whales from the Mediterranean Sea: Influence of biological and ecological factors. <i>Environmental Research</i> , <b>2015</b> , 142, 185-96	7.9	47

98	Validation of a gas chromatography-triple quadrupole mass spectrometry method for confirmatory analysis of dioxins and dioxin-like polychlorobiphenyls in feed following new EU Regulation 709/2014. <i>Journal of Chromatography A</i> , <b>2015</b> , 1376, 149-58	4.5	47
97	PCDD/Fs and dioxin-like PCBs in home-produced eggs from Belgium: levels, contamination sources and health risks. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 4419-29	10.2	47
96	Travelling-wave ion mobility time-of-flight mass spectrometry as an alternative strategy for screening of multi-class pesticides in fruits and vegetables. <i>Journal of Chromatography A</i> , <b>2015</b> , 1405, 85-93	4.5	45
95	Recent advances in mass spectrometric measurement of dioxins. <i>Journal of Chromatography A</i> , <b>2005</b> , 1067, 265-75	4.5	45
94	High accumulation of PCDD, PCDF, and PCB congeners in marine mammals from Brazil: a serious PCB problem. <i>Science of the Total Environment</i> , <b>2013</b> , 463-464, 309-18	10.2	42
93	Atmospheric concentrations of PCDD/Fs, dl-PCBs and some pesticides in northern Algeria using passive air sampling. <i>Chemosphere</i> , <b>2012</b> , 88, 270-7	8.4	41
92	Validation and interpretation of CALUX as a tool for the estimation of dioxin-like activity in marine biological matrixes. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 1741-8	10.3	38
91	Furan formation from vitamin C in a starch-based model system: Influence of the reaction conditions. <i>Food Chemistry</i> , <b>2010</b> , 121, 1163-1170	8.5	37
90	Environmental and human impact of an old-timer incinerator in terms of dioxin and PCB level: a case study. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 4721-8	10.3	37
89	Furan formation in starch-based model systems containing carbohydrates in combination with proteins, ascorbic acid and lipids. <i>Food Chemistry</i> , <b>2012</b> , 133, 816-821	8.5	35
88	Importance of fat oxidation in starch-based emulsions in the generation of the process contaminant furan. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 9579-86	5.7	35
87	Impact of iron and steel industry and waste incinerators on human exposure to dioxins, PCBs, and heavy metals: results of a cross-sectional study in Belgium. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2007</b> , 70, 222-6	3.2	35
86	DR-CALUX((R)) screening of food samples: evaluation of the quantitative approach to measure dioxin, furans and dioxin-like PCBs. <i>Talanta</i> , <b>2004</b> , 63, 1193-202	6.2	35
85	Furan formation from lipids in starch-based model systems, as influenced by interactions with antioxidants and proteins. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 2368-76	5.7	31
84	The performance of atmospheric pressure gas chromatography-tandem mass spectrometry compared to gas chromatography-high resolution mass spectrometry for the analysis of polychlorinated dioxins and polychlorinated biphenyls in food and feed samples. <i>Journal of Chromatography A</i> , <b>2016</b> , 1477, 76-90	4.5	28
83	Dioxin accumulation in residents around incinerators. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 1287-93	3.2	28
82	Levels of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and polychlorinated biphenyls in human milk from different regions of France. <i>Science of the Total Environment</i> , <b>2013</b> , 452-453, 155-62	10.2	26
81	Validation of the analytical procedure for the determination of polyaromatic hydrocarbons in smoke flavourings using high performance liquid chromatography coupled to an ultraviolet, diode array or fluorescence detector. <i>Accreditation and Quality Assurance</i> , <b>2007</b> , 12, 535-542	0.7	26

80	High-throughput biomonitoring of dioxins and polychlorinated biphenyls at the sub-picogram level in human serum. <i>Journal of Chromatography A</i> , <b>2006</b> , 1130, 97-107	4.5	26
79	Optimisation and use of tandem-in-time mass spectrometry in comparison with immunoassay and HRGC/HRMS for PCDD/F screening. <i>Chemosphere</i> , <b>2001</b> , 43, 417-24	8.4	25
78	Photo-Cross-Linkable Coumarin-Based Poly( $\epsilon$ -caprolactone) for Light-Controlled Design and Reconfiguration of Shape-Memory Polymer Networks. <i>Macromolecules</i> , <b>2019</b> , 52, 444-456	5.5	25
77	Reproduction of European eel jeopardised by high levels of dioxins and dioxin-like PCBs?. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 4039-47	10.2	24
76	Metabolomic analysis of the green microalga <i>Chlamydomonas reinhardtii</i> cultivated under day/night conditions. <i>Journal of Biotechnology</i> , <b>2015</b> , 215, 20-6	3.7	23
75	Spatial variation in the accumulation of POPs and mercury in bottlenose dolphins of the Lower Florida Keys and the coastal Everglades (South Florida). <i>Environmental Pollution</i> , <b>2017</b> , 220, 577-587	9.3	23
74	Supercritical fluid extraction of polychlorinated dibenzo-p-dioxins from fly ash: the importance of fly ash origin and composition on extraction efficiency. <i>Journal of Chromatography A</i> , <b>1998</b> , 819, 187-195	4.5	21
73	Importance of clean-up for comparison of TEQ-values obtained by CALUX and chemo-analysis. <i>Talanta</i> , <b>2004</b> , 63, 1269-72	6.2	20
72	Towards the use of ion mobility mass spectrometry derived collision cross section as a screening approach for unambiguous identification of targeted pesticides in food. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33 Suppl 2, 34-48	2.2	19
71	Effective Temperature and Structural Rearrangement in Trapped Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 4573-4582	7.8	19
70	Rapid Visualization of Chemically Related Compounds Using Kendrick Mass Defect As a Filter in Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13112-13118	7.8	16
69	Spray-drying as a tool to disperse conductive carbon inside Na <sub>2</sub> FePO <sub>4</sub> F particles by addition of carbon black or carbon nanotubes to the precursor solution. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 103-112	2.6	16
68	Gender dependent accumulation of dioxins in smokers. <i>Occupational and Environmental Medicine</i> , <b>2005</b> , 62, 61-2	2.1	16
67	Relationships between in vitro lymphoproliferative responses and levels of contaminants in blood of free-ranging adult harbour seals ( <i>Phoca vitulina</i> ) from the North Sea. <i>Aquatic Toxicology</i> , <b>2013</b> , 142-143, 210-20	5.1	15
66	Milk and serum standard reference materials for monitoring organic contaminants in human samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 1203-11	4.4	14
65	Metabolic inhibitors accentuate the anti-tumoral effect of HDAC5 inhibition. <i>Oncogene</i> , <b>2017</b> , 36, 4859-4874	3.74	13
64	Determination of the Al <sub>2</sub> O <sub>3</sub> content in NaF-AlF <sub>3</sub> -CaF <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> melts at 950 °C by Raman spectroscopy. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8073-81	7.8	13
63	A versatile biobased continuous flow strategy for the production of 3-butene-1,2-diol and vinyl ethylene carbonate from erythritol. <i>Green Chemistry</i> , <b>2018</b> , 20, 5147-5157	10	13

62	Persistent Organic Pollutant Burden, Experimental POP Exposure, and Tissue Properties Affect Metabolic Profiles of Blubber from Gray Seal Pups. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 13523-13534	10.3	13
61	Exploring the Fundamentals of Microreactor Technology with Multidisciplinary Lab Experiments Combining the Synthesis and Characterization of Inorganic Nanoparticles. <i>Journal of Chemical Education</i> , <b>2017</b> , 94, 775-780	2.4	12
60	Combined intracellular nitrate and NIT2 effects on storage carbohydrate metabolism in <i>Chlamydomonas</i> . <i>Journal of Experimental Botany</i> , <b>2014</b> , 65, 23-33	7	12
59	Estimation of furan contamination across the Belgian food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2012</b> , 29, 172-9	3.2	12
58	Performances and limitations of the HRMS method for dioxins, furans and dioxin-like PCBs analysis in animal feedingstuffs. <i>Analytica Chimica Acta</i> , <b>2004</b> , 519, 231-242	6.6	12
57	Surface-assisted laser desorption/ionization mass spectrometry imaging: A review. <i>Mass Spectrometry Reviews</i> , <b>2020</b> ,	11	12
56	Metabolic, Physiological, and Transcriptomics Analysis of Batch Cultures of the Green Microalga Grown on Different Acetate Concentrations. <i>Cells</i> , <b>2019</b> , 8,	7.9	11
55	The use of ion mobility mass spectrometry for isomer composition determination extracted from Se-rich yeast. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 11246-54	7.8	11
54	Chemical composition, kinetic study and antimicrobial activity of essential oils from <i>Cymbopogon schoenanthus</i> L. Spreng extracted by conventional and microwave-assisted techniques using cryogenic grinding. <i>Industrial Crops and Products</i> , <b>2019</b> , 139, 111505	5.9	10
53	Identification and quantification of concentration-dependent biomarkers in MCF-7/BOS cells exposed to 17 $\beta$ -estradiol by 2-D DIGE and label-free proteomics. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 4555-69	3.9	10
52	Investigating decadal changes in persistent organic pollutants in Scottish grey seal pups. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2019</b> , 29, 86-100	2.6	9
51	Dietary early-life exposure to contaminated eels does not impair spatial cognitive performances in adult offspring mice as assessed in the Y-maze and the Morris water maze. <i>Nutrition Research</i> , <b>2014</b> , 34, 1075-84	4	9
50	Anthropogenic particles in sediment from an Arctic fjord. <i>Science of the Total Environment</i> , <b>2021</b> , 772, 145575	10.2	9
49	Toxicokinetics of selenium in the slider turtle, <i>Trachemys scripta</i> . <i>Ecotoxicology</i> , <b>2016</b> , 25, 727-44	2.9	8
48	Kinetic study of volatile oil of <i>Curcuma longa</i> L. rhizome and <i>Carum carvi</i> L. fruits extracted by microwave-assisted techniques using the cryogrinding. <i>Journal of Essential Oil Research</i> , <b>2014</b> , 26, 473-485	2.3	8
47	Preliminary assessment of the risk linked to furan ingestion by babies consuming only ready-to-eat food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 654-9	3.2	8
46	Perinatal programming of depressive-like behavior by inflammation in adult offspring mice whose mothers were fed polluted eels: Gender selective effects. <i>Brain, Behavior, and Immunity</i> , <b>2017</b> , 63, 137-147	16.6	8
45	Performances and limitations of the HRMS method for dioxins, furans and dioxin-like PCBs analysis in animal feedingstuffs. <i>Analytica Chimica Acta</i> , <b>2004</b> , 519, 243-253	6.6	8

44	Multiplex micro-SERS imaging of cancer-related markers in cells and tissues using poly(allylamine)-coated Au@Ag nanoprobe. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 7739-7754	4.4	8
43	Effect of different parameters on composition of volatile components of <i>Myristica fragrans</i> seeds extracted by hydrodistillation assisted by microwave and head-space solid-phase micro-extraction. <i>Journal of Essential Oil Research</i> , <b>2017</b> , 29, 481-493	2.3	7
42	High pollutant exposure level of the largest European community of bottlenose dolphins in the English Channel. <i>Scientific Reports</i> , <b>2019</b> , 9, 12521	4.9	7
41	Advances in quality control for dioxins monitoring and evaluation of measurement uncertainty from quality control data. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 2380-7	3.2	7
40	Chapter 14 Persistent Organochlorine Pollutants, Dioxins and Polychlorinated Biphenyls. <i>Comprehensive Analytical Chemistry</i> , <b>2008</b> , 51, 457-506	1.9	7
39	Risk assessment for furan contamination through the food chain in Belgian children. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2012</b> , 29, 1219-29	3.2	6
38	A strategy to identify specific biomarkers related to the effects of a PCDD/F mixture on the immune system of marine mammals. <i>Talanta</i> , <b>2004</b> , 63, 1225-30	6.2	6
37	Straightforward prediction of the Ni <sub>1-x</sub> O layers stoichiometry by using optical and electrochemical measurements. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 225501	3	5
36	Understanding chemical interaction between phosphonate-derivative molecules and a silver surface cluster in SERS: a combined experimental and computational approach. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 22180-22187	3.6	5
35	Imaging lipids in biological samples with surface-assisted laser desorption/ionization mass spectrometry: A concise review of the last decade. <i>Progress in Lipid Research</i> , <b>2021</b> , 83, 101114	14.3	5
34	Minerals and microstructure identification using Raman instruments: Evaluation of field and laboratory data in preparation for space mission. <i>Journal of Raman Spectroscopy</i> , <b>2020</b> , 51, 1613-1623	2.3	5
33	Adaptive Pixel Mass Recalibration for Mass Spectrometry Imaging Based on Locally Endogenous Biological Signals. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4066-4074	7.8	5
32	Ugi four-component polymerization of amino acid derivatives: a combinatorial tool for the design of polypeptides. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 2141-2151	4.9	5
31	On the Habitability of Desert Varnish: A Combined Study by Micro-Raman Spectroscopy, X-ray Diffraction, and Methylated Pyrolysis-Gas Chromatography-Mass Spectrometry. <i>Astrobiology</i> , <b>2017</b> , 17, 1123-1137	3.7	4
30	Chemical Composition and Antimicrobial Activity of the Essential Oil of <i>Eugenia caryophyllata</i> Cloves Extracted by Conventional and Microwave Techniques. <i>Journal of Biologically Active Products From Nature</i> , <b>2015</b> , 5, 1-11	0.7	4
29	Human Liver-Derived Extracellular Matrix for the Culture of Distinct Human Primary Liver Cells. <i>Cells</i> , <b>2020</b> , 9,	7.9	4
28	Development of a new hydrocarbon index for oil-in-water. <i>Chemosphere</i> , <b>1999</b> , 39, 2707-2722	8.4	4
27	Dual-polarity SALDI FT-ICR MS imaging and Kendrick mass defect data filtering for lipid analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2821-2830	4.4	4



26	Effect of Different Parameters on Composition of Volatile Components of Leaf, Stem and Seed from Algerian <i>Bupleurum fruticosum</i> L. Extracted by Hydrodistillation and Headspace Solid-Phase Microextraction. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , <b>2019</b> , 22, 50-72	1.7	3
25	Matrix-assisted laser desorption/ionization mass spectrometry and Raman spectroscopy: An interesting complementary approach for lipid detection in biological tissues. <i>European Journal of Lipid Science and Technology</i> , <b>2014</b> , 116, 1080-1086	3	3
24	Risk assessment of Belgian adults for furan contamination through the food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2012</b> , 29, 345-53	3.2	3
23	Empirical relationship between precision and ultra-trace concentrations of PCDD/Fs and dioxin-like PCBs in biological matrices. <i>Chemosphere</i> , <b>2008</b> , 71, 379-87	8.4	3
22	Predicting consequences of POP-induced disruption of blubber glucose uptake, mass gain rate and thyroid hormone levels for weaning mass in grey seal pups. <i>Environment International</i> , <b>2021</b> , 152, 106506 <sup>12.9</sup>		3
21	Effect of the Extraction Technique, Heating Time and Cryogenic Grinding (N <sub>2</sub> at -196°C) on the Composition of Cumin Seeds Volatile Oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , <b>2016</b> , 19, 1903-1919	1.7	3
20	Analytical strategy for representative subsampling of Raman-based robotic planetary exploration missions: The case study of solid dispersions of $\beta$ -carotene and L-cysteine in gypsum. <i>Journal of Raman Spectroscopy</i> , <b>2020</b> , 51, 1624-1635	2.3	3
19	A Mechanistic Study of Protonated Aniline to Protonated Phenol Substitution Considering Tautomerization by Ion Mobility Mass Spectrometry and Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2019</b> , 30, 2238-2249	3.5	2
18	Isolation and Characterization of Two Microalgal Isolates from Vietnam with Potential for Food, Feed, and Biodiesel Production. <i>Energies</i> , <b>2020</b> , 13, 898	3.1	2
17	Dioxin analysis in feed: cell-based assay versus mass spectrometry method. <i>Accreditation and Quality Assurance</i> , <b>2006</b> , 11, 38-43	0.7	2
16	Mass Spectrometry Imaging Using Dynamically Harmonized FT-ICR at Million Resolving Power: Rationalizing and Optimizing Sample Preparation and Instrumental Parameters		2
15	Microstructural and compositional variation in pacu and piranha teeth related to diet specialization (Teleostei: Serrasalminidae). <i>Journal of Structural Biology</i> , <b>2020</b> , 210, 107509	3.4	2
14	Rapid visualization of lipopeptides and potential bioactive groups of compounds by combining ion mobility and MALDI imaging mass spectrometry.. <i>Drug Discovery Today: Technologies</i> , <b>2021</b> , 39, 81-88	7.1	2
13	Analytical Measurement and Levels of Dioxins and PCBs in Biological Samples <b>2008</b> , 17-39		2
12	Solvent Adducts in Ion Mobility Spectrometry: Toward an Alternative Reaction Probe for Thermometer Ions. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 1167-1171	3.5	1
11	Discrimination of textile dyes in binary mixtures by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , <b>2020</b> , 51, 717-730	2.3	1
10	Screening and confirmatory methods for the detection of dioxins and polychlorinated biphenyls (PCBs) in foods <b>2013</b> , 47-80		1
9	Quantitative analysis of binary and ternary organo-mineral solid dispersions by Raman spectroscopy for robotic planetary exploration missions on Mars. <i>Analyst, The</i> , <b>2021</b> , 146, 7306-7319	5	1

8	Characterization of the Human Eccrine Sweat Proteome-A Focus on the Biological Variability of Individual Sweat Protein Profiles. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
7	Optimization and Validation of HS-SPME-GC-MS for the Determination of Furan and Alkylfurans in Chocolate-Based Products: Impact of Tempering and Laser Printing. <i>Journal of AOAC INTERNATIONAL</i> , <b>2021</b> , 104, 253-259	1.7	1
6	Spatially resolved determination of the abundance of the HER2 marker in microscopic breast tumors using targeted SERS imaging. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 288	5.8	1
5	Mass shift in mass spectrometry imaging: comprehensive analysis and practical corrective workflow. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2831-2844	4.4	1
4	Development and validation of an integrated microfluidic device with an in-line Surface Enhanced Raman Spectroscopy (SERS) detection of glyphosate in drinking water. <i>Talanta</i> , <b>2022</b> , 249, 123640	6.2	1
3	Structure and mineralization of the spearing mantis shrimp (Stomatopoda; <i>Lysiosquilla maculata</i> ) body and spike cuticles. <i>Journal of Structural Biology</i> , <b>2021</b> , 213, 107810	3.4	0
2	Effect of Different Parameters on Volatile Composition of the Different Parts of <i>Cymbopogon schoenanthus</i> L. Spreng (Poaceae) Extracted by Headspace Solid-phase Microextraction and Hydrodistillation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , <b>2021</b> , 24, 841-862	1.7	0
1	Chemical Composition and Antioxidant Activity of <i>Globularia alypum</i> L. Leaves Essential Oil from Ain-Defla (Algeria). <i>Chemistry and Chemical Technology</i> , <b>2018</b> , 12, 213-220	0.9	