

Gauthier Eppe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4703849/publications.pdf>

Version: 2024-02-01

121
papers

3,870
citations

109321

35
h-index

138484

58
g-index

129
all docs

129
docs citations

129
times ranked

4729
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in livers of European anchovies (<i>Engraulis encrasicolus</i> , L.). <i>Environmental Pollution</i> , 2017, 229, 1000-1005.	7.5	304
2	When Microplastic Is Not Plastic: The Ingestion of Artificial Cellulose Fibers by Macrofauna Living in Seagrass Macrophytodetritus. <i>Environmental Science & Technology</i> , 2015, 49, 11158-11166.	10.0	260
3	Detection of Anthropogenic Particles in Fish Stomachs: An Isolation Method Adapted to Identification by Raman Spectroscopy. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 331-339.	4.1	229
4	Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium. <i>Biomarkers</i> , 2003, 8, 529-534.	1.9	152
5	Levels and congener distributions of PCDDs, PCDFs and non-ortho PCBs in Belgian foodstuffs. <i>Chemosphere</i> , 2002, 48, 167-179.	8.2	129
6	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> , 2001, 925, 207-221.	3.7	110
7	Anthropogenic particles in the stomach contents and liver of the freshwater fish <i>Squalius cephalus</i> . <i>Science of the Total Environment</i> , 2018, 643, 1257-1264.	8.0	105
8	Morphology of the filtration apparatus of three planktivorous fishes and relation with ingested anthropogenic particles. <i>Marine Pollution Bulletin</i> , 2017, 116, 182-191.	5.0	100
9	Development of a Standard Reference Material for Metabolomics Research. <i>Analytical Chemistry</i> , 2013, 85, 11732-11738.	6.5	95
10	Comprehensive two-dimensional gas chromatography with isotope dilution time-of-flight mass spectrometry for the measurement of dioxins and polychlorinated biphenyls in foodstuffs. <i>Journal of Chromatography A</i> , 2005, 1086, 45-60.	3.7	82
11	Removal of dioxins and PCB from fish oil by activated carbon and its influence on the nutritional quality of the oil. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2005, 82, 593-597.	1.9	73
12	Dietary intake of PCDD/Fs and dioxin-like PCBs of the Belgian population. <i>Chemosphere</i> , 2010, 79, 334-340.	8.2	73
13	Lack of isocitrate lyase in <i>Candida glabrata</i> leads to changes in carbon metabolism and in the response to oxidative stress under mixotrophic growth. <i>Plant Journal</i> , 2014, 77, 404-417.	5.7	73
14	Assessment of the chemical contamination in home-produced eggs in Belgium: General overview of the CONTEGG study. <i>Science of the Total Environment</i> , 2009, 407, 4403-4410.	8.0	64
15	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> , 2015, 142, 185-196.	7.5	61
16	Validation of the CALUX bioassay for PCDD/F analyses in human blood plasma and comparison with GC-HRMS. <i>Talanta</i> , 2004, 63, 1157-1167.	5.5	58
17	PTV-LV-CC/MS/MS as screening and complementary method to HRMS for the monitoring of dioxin levels in food and feed. <i>Talanta</i> , 2004, 63, 1135-1146.	5.5	57
18	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> , 2015, 1376, 149-158.	3.7	55

#	ARTICLE	IF	CITATIONS
19	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> , 2015, 1405, 85-93.	3.7	53
20	Recent advances in mass spectrometric measurement of dioxins. <i>Journal of Chromatography A</i> , 2005, 1067, 265-275.	3.7	51
21	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> , 2009, 407, 4419-4429.	8.0	51
22	Atmospheric concentrations of PCDD/Fs, dl-PCBs and some pesticides in northern Algeria using passive air sampling. <i>Chemosphere</i> , 2012, 88, 270-277.	8.2	47
23	Surface-assisted laser desorption/ionization mass spectrometry imaging: A review. <i>Mass Spectrometry Reviews</i> , 2022, 41, 373-420.	5.4	47
24	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> , 2007, 70, 222-226.	2.3	46
25	Furan formation in starch-based model systems containing carbohydrates in combination with proteins, ascorbic acid and lipids. <i>Food Chemistry</i> , 2012, 133, 816-821.	8.2	45
26	High accumulation of PCDD, PCDF, and PCB congeners in marine mammals from Brazil: A serious PCB problem. <i>Science of the Total Environment</i> , 2013, 463-464, 309-318.	8.0	45
27	Environmental and Human Impact of an Old-Timer Incinerator in Terms of Dioxin and PCB Level: A Case Study. <i>Environmental Science & Technology</i> , 2005, 39, 4721-4728.	10.0	43
28	Effective Temperature and Structural Rearrangement in Trapped Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 4573-4582.	6.5	42
29	DR-CALUXS screening of food samples: evaluation of the quantitative approach to measure dioxin, furans and dioxin-like PCBs. <i>Talanta</i> , 2004, 63, 1193-1202.	5.5	41
30	Validation and Interpretation of CALUX as a Tool for the Estimation of Dioxin-Like Activity in Marine Biological Matrixes. <i>Environmental Science & Technology</i> , 2005, 39, 1741-1748.	10.0	41
31	Photo-Cross-Linkable Coumarin-Based Poly(μ -caprolactone) for Light-Controlled Design and Reconfiguration of Shape-Memory Polymer Networks. <i>Macromolecules</i> , 2019, 52, 444-456.	4.8	41
32	Furan formation from vitamin C in a starch-based model system: Influence of the reaction conditions. <i>Food Chemistry</i> , 2010, 121, 1163-1170.	8.2	40
33	Importance of Fat Oxidation in Starch-Based Emulsions in the Generation of the Process Contaminant Furan. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9579-9586.	5.2	38
34	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> , 2011, 59, 2368-2376.	5.2	37
35	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> , 2013, 452-453, 155-162.	8.0	36
36	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> , 2016, 1477, 76-90.	3.7	36

#	ARTICLE	IF	CITATIONS
37	Dioxin Accumulation in Residents Around Incinerators. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003, 66, 1287-1293.	2.3	33
38	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> , 2019, 33, 34-48.	1.5	33
39	Optimisation and use of tandem-in-time mass spectrometry in comparison with immunoassay and HRGC/HRMS for PCDD/F screening. <i>Chemosphere</i> , 2001, 43, 417-424.	8.2	31
40	Rapid Visualization of Chemically Related Compounds Using Kendrick Mass Defect As a Filter in Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2019, 91, 13112-13118.	6.5	31
41	Anthropogenic particles in sediment from an Arctic fjord. <i>Science of the Total Environment</i> , 2021, 772, 145575.	8.0	31
42	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> , 2007, 12, 535-542.	0.8	30
43	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> , 2017, 220, 577-587.	7.5	27
44	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> , 2019, 139, 111505.	5.2	27
45	High-throughput biomonitoring of dioxins and polychlorinated biphenyls at the sub-picogram level in human serum. <i>Journal of Chromatography A</i> , 2006, 1130, 97-107.	3.7	26
46	Reproduction of European eel jeopardised by high levels of dioxins and dioxin-like PCBs?. <i>Science of the Total Environment</i> , 2011, 409, 4039-4047.	8.0	26
47	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> , 1998, 819, 187-195.	3.7	25
48	Metabolomic analysis of the green microalga <i>Chlamydomonas reinhardtii</i> cultivated under day/night conditions. <i>Journal of Biotechnology</i> , 2015, 215, 20-26.	3.8	25
49	Spray-drying as a tool to disperse conductive carbon inside Na ₂ FePO ₄ F particles by addition of carbon black or carbon nanotubes to the precursor solution. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 103-112.	2.5	24
50	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> , 2018, 20, 5147-5157.	9.0	22
51	Metabolic, Physiological, and Transcriptomics Analysis of Batch Cultures of the Green Microalga <i>Chlamydomonas</i> Grown on Different Acetate Concentrations. <i>Cells</i> , 2019, 8, 1367.	4.1	22
52	Importance of clean-up for comparison of TEQ-values obtained by CALUX and chemo-analysis. <i>Talanta</i> , 2004, 63, 1269-1272.	5.5	21
53	Persistent Organic Pollutant Burden, Experimental POP Exposure, and Tissue Properties Affect Metabolic Profiles of Blubber from Gray Seal Pups. <i>Environmental Science & Technology</i> , 2018, 52, 13523-13534.	10.0	21
54	Gender dependent accumulation of dioxins in smokers. <i>Occupational and Environmental Medicine</i> , 2005, 62, 61-62.	2.8	19

#	ARTICLE	IF	CITATIONS
55	Determination of the Al ₂ O ₃ Content in NaF-CaF ₂ -Al ₂ O ₃ Melts at 950 Å°C by Raman Spectroscopy. <i>Analytical Chemistry</i> , 2014, 86, 8073-8081.	6.5	19
56	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> , 2021, 83, 101114.	11.6	19
57	Milk and serum standard reference materials for monitoring organic contaminants in human samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1203-1211.	3.7	17
58	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> , 2020, 412, 7739-7755.	3.7	17
59	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> , 2013, 142-143, 210-220.	4.0	15
60	Metabolic inhibitors accentuate the anti-tumoral effect of HDAC5 inhibition. <i>Oncogene</i> , 2017, 36, 4859-4874.	5.9	15
61	Dual-polarity SALDI FT-ICR MS imaging and Kendrick mass defect data filtering for lipid analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2821-2830.	3.7	15
62	Combined intracellular nitrate and NIT2 effects on storage carbohydrate metabolism in <i>Chlamydomonas</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 23-33.	4.8	14
63	Exploring the Fundamentals of Microreactor Technology with Multidisciplinary Lab Experiments Combining the Synthesis and Characterization of Inorganic Nanoparticles. <i>Journal of Chemical Education</i> , 2017, 94, 775-780.	2.3	14
64	Performances and limitations of the HRMS method for dioxins, furans and dioxin-like PCBs analysis in animal feedingstuffs. <i>Analytica Chimica Acta</i> , 2004, 519, 231-242.	5.4	13
65	Estimation of furan contamination across the Belgian food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 172-179.	2.3	13
66	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> , 2014, 26, 473-485.	2.7	13
67	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> , 2019, 30, 2238-2249.	2.8	13
68	Adaptive Pixel Mass Recalibration for Mass Spectrometry Imaging Based on Locally Endogenous Biological Signals. <i>Analytical Chemistry</i> , 2021, 93, 4066-4074.	6.5	13
69	The Use of Ion Mobility Mass Spectrometry for Isomer Composition Determination Extracted from Se-Rich Yeast. <i>Analytical Chemistry</i> , 2014, 86, 11246-11254.	6.5	12
70	High pollutant exposure level of the largest European community of bottlenose dolphins in the English Channel. <i>Scientific Reports</i> , 2019, 9, 12521.	3.3	12
71	Investigating decadal changes in persistent organic pollutants in Scottish grey seal pups. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 86-100.	2.0	11
72	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> , 2022, 249, 123640.	5.5	11

#	ARTICLE	IF	CITATIONS
73	Identification and quantification of concentration-dependent biomarkers in MCF-7/BOS cells exposed to 17 β -estradiol by 2-D DIGE and label-free proteomics. <i>Journal of Proteomics</i> , 2012, 75, 4555-4569.	2.4	10
74	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> , 2013, 30, 654-659.	2.3	10
75	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> , 2014, 34, 1075-1084.	2.9	10
76	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> , 2017, 63, 137-147.	4.1	10
77	Human Liver-Derived Extracellular Matrix for the Culture of Distinct Human Primary Liver Cells. <i>Cells</i> , 2020, 9, 1357.	4.1	10
78	FT-ICR Mass Spectrometry Imaging at Extreme Mass Resolving Power Using a Dynamically Harmonized ICR Cell with 11% or 21% Detection. <i>Analytical Chemistry</i> , 2022, 94, 9316-9326.	6.5	10
79	Performances and limitations of the HRMS method for dioxins, furans and dioxin-like PCBs analysis in animal feedingstuffs. <i>Analytica Chimica Acta</i> , 2004, 519, 243-253.	5.4	9
80	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> , 2015, 5, 1-11.	0.3	9
81	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> , 2019, 21, 22180-22187.	2.8	9
82	Chapter 14 Persistent Organochlorine Pollutants, Dioxins and Polychlorinated Biphenyls. <i>Comprehensive Analytical Chemistry</i> , 2008, 51, 457-506.	1.3	8
83	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> , 2012, 29, 1219-1229.	2.3	8
84	Toxicokinetics of selenium in the slider turtle, <i>Trachemys scripta</i> . <i>Ecotoxicology</i> , 2016, 25, 727-744.	2.4	8
85	Straightforward prediction of the Ni ¹⁺ O layers stoichiometry by using optical and electrochemical measurements. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 225501.	2.8	8
86	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> , 2017, 29, 481-493.	2.7	8
87	Ugi four-component polymerization of amino acid derivatives: a combinatorial tool for the design of polypeptoids. <i>Polymer Chemistry</i> , 2021, 12, 2141-2151.	3.9	8
88	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> , 2021, 22, 10871.	4.1	8
89	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> , 2009, 877, 2380-2387.	2.3	7
90	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> , 2014, 116, 1080-1086.	1.5	7

#	ARTICLE	IF	CITATIONS
91	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> , 2017, 17, 1123-1137.	3.0	7
92	Minerals and microstructure identification using Raman instruments: Evaluation of field and laboratory data in preparation for space mission. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1613-1623.	2.5	7
93	Mass shift in mass spectrometry imaging: comprehensive analysis and practical corrective workflow. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2831-2844.	3.7	7
94	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> , 2004, 63, 1225-1230.	5.5	6
95	Isolation and Characterization of Two Microalgal Isolates from Vietnam with Potential for Food, Feed, and Biodiesel Production. <i>Energies</i> , 2020, 13, 898.	3.1	6
96	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> , 2021, 152, 106506.	10.0	6
97	Empirical relationship between precision and ultra-trace concentrations of PCDD/Fs and dioxin-like PCBs in biological matrices. <i>Chemosphere</i> , 2008, 71, 379-387.	8.2	5
98	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> , 2012, 29, 1-9.	2.3	5
99	Effect of the Extraction Technique, Heating Time and Cryogenic Grinding (N_2 at $-196^\circ C$) on the Composition of Cumin Seeds Volatile Oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1903-1919.	1.9	5
100	Analytical strategy for representative subsampling of Raman-based robotic planetary exploration missions: The case study of solid dispersions of β -carotene and L-cysteine in gypsum. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1624-1635.	2.5	5
101	Discrimination of textile dyes in binary mixtures by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 717-730.	2.5	5
102	Spatially resolved determination of the abundance of the HER2 marker in microscopic breast tumors using targeted SERS imaging. <i>Mikrochimica Acta</i> , 2021, 188, 288.	5.0	5
103	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> , 2021, 39, 81-88.	4.0	5
104	Quantitative analysis of binary and ternary organo-mineral solid dispersions by Raman spectroscopy for robotic planetary exploration missions on Mars. <i>Analyst</i> , 2021, 146, 7306-7319.	3.5	5
105	Development of a new hydrocarbon index for oil-in-water. <i>Chemosphere</i> , 1999, 39, 2707-2722.	8.2	4
106	Microstructural and compositional variation in pacu and piranha teeth related to diet specialization (Teleostei: Serrasalminae). <i>Journal of Structural Biology</i> , 2020, 210, 107509.	2.8	4
107	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> , 2021, 104, 253-259.	1.5	4
108	Enhanced Sensitivity and Detection of Near-Infrared Refractive Index Sensor with Plasmonic Multilayers. <i>Sensors</i> , 2021, 21, 7056.	3.8	4

#	ARTICLE	IF	CITATIONS
109	Dioxin analysis in feed: cell-based assay versus mass spectrometry method. Accreditation and Quality Assurance, 2006, 11, 38-43.	0.8	3
110	Effect of Different Parameters on Composition of Volatile Components of Leaf, Stem and Seed from Algerian Bupleurum fruticosum L. Extracted by Hydrodistillation and Headspace Solid-Phase Microextraction. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 50-72.	1.9	3
111	Solvent Adducts in Ion Mobility Spectrometry: Toward an Alternative Reaction Probe for Thermometer Ions. Journal of the American Society for Mass Spectrometry, 2020, 31, 1167-1171.	2.8	3
112	Structure and mineralization of the spearing mantis shrimp (Stomatopoda; Lysiosquilla maculata) body and spike cuticles. Journal of Structural Biology, 2021, 213, 107810.	2.8	3
113	SERS nanotags for folate receptor $\hat{\pm}$ detection at the single cell level: discrimination of overexpressing cells and potential for live cell applications. Analyst, The, 2022, 147, 3328-3339.	3.5	3
114	Analytical Measurement and Levels of Dioxins and PCBs in Biological Samples. , 2008, , 17-39.		2
115	Consumption Habits and Brand Loyalty of Belgian Coffee Consumers. Foods, 2022, 11, 969.	4.3	2
116	Cyclic Peptide Protomer Detection in the Gas Phase: Impact on CCS Measurement and Fragmentation Patterns. Journal of the American Society for Mass Spectrometry, 2022, 33, 851-858.	2.8	2
117	Screening and confirmatory methods for the detection of dioxins and polychlorinated biphenyls (PCBs) in foods. , 2013, , 47-80.		1
118	Effect of Different Parameters on Volatile Composition of the Different Parts of Cymbopogon schoenanthus L. Spreng (Poaceae) Extracted by Headspace Solid-phase Microextraction and Hydrodistillation. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 841-862.	1.9	1
119	Imaging Metabolites in Agar-Based Bacterial Co-Cultures with Minimal Sample Preparation using a DIUTHAME Membrane in Surface-Assisted Laser Desorption/Ionization Mass Spectrometry**. ChemistrySelect, 2022, 7, .	1.5	1
120	Fe-Rich Fossil Vents as Mars Analog Samples: Identification of Extinct Chimneys in Miocene Marine Sediments Using Raman Spectroscopy, X-Ray Diffraction, and Scanning Electron Microscopy-“Energy Dispersive X-Ray Spectroscopy. Astrobiology, 0, , .	3.0	1
121	Chemical Composition and Antioxidant Activity of Globularia alypum L. Leaves Essential Oil from Ain-Defla (Algeria). Chemistry and Chemical Technology, 2018, 12, 213-220.	1.1	0