

Gauthier Eppe

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.

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 | 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 | 6.2 | 1 |
| 114 | Quantitative analysis of binary and ternary organo-mineral solid dispersions by Raman spectroscopy for robotic planetary exploration missions on Mars. <i>Analyst, The</i> , 2021 , 146, 7306-7319 | 5 | 1 |
| 113 | Structure and mineralization of the spearing mantis shrimp (Stomatopoda; <i>Lysiosquillina maculata</i>) body and spike cuticles. <i>Journal of Structural Biology</i> , 2021 , 213, 107810 | 3.4 | 0 |
| 112 | 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, | 6.3 | 1 |
| 111 | Anthropogenic particles in sediment from an Arctic fjord. <i>Science of the Total Environment</i> , 2021 , 772, 145575 | 10.2 | 9 |
| 110 | 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> , 2021 , 24, 841-862 | 1.7 | 0 |
| 109 | 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 | 14.3 | 5 |
| 108 | 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 ^{12.9} | 12.9 | 3 |
| 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 | 1.7 | 1 |
| 106 | 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 | 4.4 | 4 |
| 105 | Adaptive Pixel Mass Recalibration for Mass Spectrometry Imaging Based on Locally Endogenous Biological Signals. <i>Analytical Chemistry</i> , 2021 , 93, 4066-4074 | 7.8 | 5 |
| 104 | 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 | 5.8 | 1 |
| 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 | 7.1 | 2 |
| 102 | Mass shift in mass spectrometry imaging: comprehensive analysis and practical corrective workflow. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 2831-2844 | 4.4 | 1 |
| 101 | Ugi four-component polymerization of amino acid derivatives: a combinatorial tool for the design of polypeptoids. <i>Polymer Chemistry</i> , 2021 , 12, 2141-2151 | 4.9 | 5 |
| 100 | Solvent Adducts in Ion Mobility Spectrometry: Toward an Alternative Reaction Probe for Thermometer Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 1167-1171 | 3.5 | 1 |
| 99 | Human Liver-Derived Extracellular Matrix for the Culture of Distinct Human Primary Liver Cells. <i>Cells</i> , 2020 , 9, | 7.9 | 4 |

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| 98 | 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 | 2 |
| 97 | Discrimination of textile dyes in binary mixtures by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2020 , 51, 717-730 | 2.3 | 1 |
| 96 | Effective Temperature and Structural Rearrangement in Trapped Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 4573-4582 | 7.8 | 19 |
| 95 | Surface-assisted laser desorption/ionization mass spectrometry imaging: A review. <i>Mass Spectrometry Reviews</i> , 2020 , | 11 | 12 |
| 94 | 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, 7739-7754 | 4.4 | 8 |
| 93 | 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 | 2.3 | 3 |
| 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 | 2.3 | 5 |
| 91 | Microstructural and compositional variation in pacu and piranha teeth related to diet specialization (Teleostei: Serrasalminae). <i>Journal of Structural Biology</i> , 2020 , 210, 107509 | 3.4 | 2 |
| 90 | 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 | 7.8 | 16 |
| 89 | 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 | 3.5 | 2 |
| 88 | High pollutant exposure level of the largest European community of bottlenose dolphins in the English Channel. <i>Scientific Reports</i> , 2019 , 9, 12521 | 4.9 | 7 |
| 87 | 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 Suppl 2, 34-48 | 2.2 | 19 |
| 86 | 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> , 2019 , 22, 50-72 | 1.7 | 3 |
| 85 | 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 | 3.6 | 5 |
| 84 | 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 | 5.9 | 10 |
| 83 | Metabolic, Physiological, and Transcriptomics Analysis of Batch Cultures of the Green Microalga Grown on Different Acetate Concentrations. <i>Cells</i> , 2019 , 8, | 7.9 | 11 |
| 82 | Investigating decadal changes in persistent organic pollutants in Scottish grey seal pups. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019 , 29, 86-100 | 2.6 | 9 |
| 81 | Photo-Cross-Linkable Coumarin-Based Poly(ϵ -caprolactone) for Light-Controlled Design and Reconfiguration of Shape-Memory Polymer Networks. <i>Macromolecules</i> , 2019 , 52, 444-456 | 5.5 | 25 |

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| 80 | 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 | 2.6 | 16 |
| 79 | 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 | 10.2 | 70 |
| 78 | Chemical Composition and Antioxidant Activity of <i>Globularia alypum</i> L. Leaves Essential Oil from Ain-Defla (Algeria). <i>Chemistry and Chemical Technology</i> , 2018 , 12, 213-220 | 0.9 | |
| 77 | 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 | 10 | 13 |
| 76 | 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 | 10.3 | 13 |
| 75 | Morphology of the filtration apparatus of three planktivorous fishes and relation with ingested anthropogenic particles. <i>Marine Pollution Bulletin</i> , 2017 , 116, 182-191 | 6.7 | 68 |
| 74 | Metabolic inhibitors accentuate the anti-tumoral effect of HDAC5 inhibition. <i>Oncogene</i> , 2017 , 36, 4859-4874 | 4.74 | 13 |
| 73 | Straightforward prediction of the Ni _{1-x} O layers stoichiometry by using optical and electrochemical measurements. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 225501 | 3 | 5 |
| 72 | 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 | 2.3 | 7 |
| 71 | 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 | 2.4 | 12 |
| 70 | 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 | 3.7 | 4 |
| 69 | Microplastics in livers of European anchovies (<i>Engraulis encrasicolus</i> , L.). <i>Environmental Pollution</i> , 2017 , 229, 1000-1005 | 9.3 | 199 |
| 68 | 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 | 9.3 | 23 |
| 67 | 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 | 16.6 | 8 |
| 66 | 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 | 4.5 | 28 |
| 65 | Toxicokinetics of selenium in the slider turtle, <i>Trachemys scripta</i> . <i>Ecotoxicology</i> , 2016 , 25, 727-44 | 2.9 | 8 |
| 64 | Effect of the Extraction Technique, Heating Time and Cryogenic Grinding (N ₂ at -196°C) on the Composition of Cumin Seeds Volatile Oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016 , 19, 1903-1919 | 1.7 | 3 |
| 63 | 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 | 4.5 | 45 |

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| 62 | 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, 185-96 | 7.9 | 47 |
| 61 | Metabolomic analysis of the green microalga <i>Chlamydomonas reinhardtii</i> cultivated under day/night conditions. <i>Journal of Biotechnology</i> , 2015 , 215, 20-6 | 3.7 | 23 |
| 60 | 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 | 0.7 | 4 |
| 59 | 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, 331-9 | 3.2 | 177 |
| 58 | When Microplastic Is Not Plastic: The Ingestion of Artificial Cellulose Fibers by Macrofauna Living in Seagrass Macrophytodebris. <i>Environmental Science & Technology</i> , 2015 , 49, 11158-66 | 10.3 | 181 |
| 57 | 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, 149-58 | 4.5 | 47 |
| 56 | The use of ion mobility mass spectrometry for isomer composition determination extracted from Se-rich yeast. <i>Analytical Chemistry</i> , 2014 , 86, 11246-54 | 7.8 | 11 |
| 55 | 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 | 3 | 3 |
| 54 | 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> , 2014 , 77, 404-17 | 6.9 | 60 |
| 53 | Determination of the Al ₂ O ₃ content in NaF-AlF ₃ -CaF ₂ -Al ₂ O ₃ melts at 950 °C by Raman spectroscopy. <i>Analytical Chemistry</i> , 2014 , 86, 8073-81 | 7.8 | 13 |
| 52 | 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 | 2.3 | 8 |
| 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> , 2014 , 34, 1075-84 | 4 | 9 |
| 50 | Combined intracellular nitrate and NIT2 effects on storage carbohydrate metabolism in <i>Chlamydomonas</i> . <i>Journal of Experimental Botany</i> , 2014 , 65, 23-33 | 7 | 12 |
| 49 | Milk and serum standard reference materials for monitoring organic contaminants in human samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 1203-11 | 4.4 | 14 |
| 48 | 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, 155-62 | 10.2 | 26 |
| 47 | 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, 210-20 | 5.1 | 15 |
| 46 | Development of a Standard Reference Material for metabolomics research. <i>Analytical Chemistry</i> , 2013 , 85, 11732-8 | 7.8 | 71 |
| 45 | 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, 654-9 | 3.2 | 8 |

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| 44 | 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, 309-18 | 10.2 | 42 |
| 43 | Screening and confirmatory methods for the detection of dioxins and polychlorinated biphenyls (PCBs) in foods 2013 , 47-80 | | 1 |
| 42 | 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, 172-9 | 3.2 | 12 |
| 41 | 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, 4555-69 | 3.9 | 10 |
| 40 | Atmospheric concentrations of PCDD/Fs, dl-PCBs and some pesticides in northern Algeria using passive air sampling. <i>Chemosphere</i> , 2012 , 88, 270-7 | 8.4 | 41 |
| 39 | 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 | 8.5 | 35 |
| 38 | 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, 345-53 | 3.2 | 3 |
| 37 | 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, 1219-29 | 3.2 | 6 |
| 36 | Reproduction of European eel jeopardised by high levels of dioxins and dioxin-like PCBs?. <i>Science of the Total Environment</i> , 2011 , 409, 4039-47 | 10.2 | 24 |
| 35 | 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, 2368-76 | 5.7 | 31 |
| 34 | 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, 9579-86 | 5.7 | 35 |
| 33 | Dietary intake of PCDD/Fs and dioxin-like PCBs of the Belgian population. <i>Chemosphere</i> , 2010 , 79, 334-40 | 4.4 | 69 |
| 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 | 8.5 | 37 |
| 31 | 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, 4403-10 | 10.2 | 58 |
| 30 | 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, 4419-29 | 10.2 | 47 |
| 29 | 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, 2380-7 | 3.2 | 7 |
| 28 | Empirical relationship between precision and ultra-trace concentrations of PCDD/Fs and dioxin-like PCBs in biological matrices. <i>Chemosphere</i> , 2008 , 71, 379-87 | 8.4 | 3 |
| 27 | Chapter 14 Persistent Organochlorine Pollutants, Dioxins and Polychlorinated Biphenyls. <i>Comprehensive Analytical Chemistry</i> , 2008 , 51, 457-506 | 1.9 | 7 |

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|----|---|------|----|
| 26 | Analytical Measurement and Levels of Dioxins and PCBs in Biological Samples 2008 , 17-39 | | 2 |
| 25 | 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 | 0.7 | 26 |
| 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, 222-6 | 3.2 | 35 |
| 23 | 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 | 4.5 | 26 |
| 22 | Dioxin analysis in feed: cell-based assay versus mass spectrometry method. <i>Accreditation and Quality Assurance</i> , 2006 , 11, 38-43 | 0.7 | 2 |
| 21 | 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, 4721-8 | 10.3 | 37 |
| 20 | 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, 1741-8 | 10.3 | 38 |
| 19 | Recent advances in mass spectrometric measurement of dioxins. <i>Journal of Chromatography A</i> , 2005 , 1067, 265-75 | 4.5 | 45 |
| 18 | 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> , 2005 , 1086, 45-60 | 4.5 | 78 |
| 17 | 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 | 1.8 | 67 |
| 16 | Gender dependent accumulation of dioxins in smokers. <i>Occupational and Environmental Medicine</i> , 2005 , 62, 61-2 | 2.1 | 16 |
| 15 | 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 | 6.6 | 8 |
| 14 | 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 | 6.6 | 12 |
| 13 | Validation of the CALUX bioassay for PCDD/F analyses in human blood plasma and comparison with GC-HRMS. <i>Talanta</i> , 2004 , 63, 1157-67 | 6.2 | 56 |
| 12 | Importance of clean-up for comparison of TEQ-values obtained by CALUX and chemo-analysis. <i>Talanta</i> , 2004 , 63, 1269-72 | 6.2 | 20 |
| 11 | DR-CALUX((R)) screening of food samples: evaluation of the quantitative approach to measure dioxin, furans and dioxin-like PCBs. <i>Talanta</i> , 2004 , 63, 1193-202 | 6.2 | 35 |
| 10 | 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, 1225-30 | 6.2 | 6 |
| 9 | 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> , 2004 , 63, 1135-46 | 6.2 | 51 |

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| 8 | Dioxin accumulation in residents around incinerators. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003 , 66, 1287-93 | 3.2 | 28 |
| 7 | Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium. <i>Biomarkers</i> , 2003 , 8, 529-34 | 2.6 | 135 |
| 6 | Levels and congener distributions of PCDDs, PCDFs and non-ortho PCBs in Belgian foodstuffs--assessment of dietary intake. <i>Chemosphere</i> , 2002 , 48, 167-79 | 8.4 | 119 |
| 5 | 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, 207-214 | 4.5 | 98 |
| 4 | 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, 417-24 | 8.4 | 25 |
| 3 | Development of a new hydrocarbon index for oil-in-water. <i>Chemosphere</i> , 1999 , 39, 2707-2722 | 8.4 | 4 |
| 2 | 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 | 4.5 | 21 |
| 1 | Mass Spectrometry Imaging Using Dynamically Harmonized FT-ICR at Million Resolving Power: Rationalizing and Optimizing Sample Preparation and Instrumental Parameters | | 2 |