

Joris Van Loco

List of Publications by Year in descending order

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107
papers

3,874
citations

126907

33
h-index

149698

56
g-index

108
all docs

108
docs citations

108
times ranked

5284
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium dioxide particles frequently present in face masks intended for general use require regulatory control. <i>Scientific Reports</i> , 2022, 12, 2529.	3.3	13
2	Ecotoxicity profile of heavily contaminated surface water of two rivers in Tunisia. <i>Environmental Toxicology and Pharmacology</i> , 2021, 82, 103550.	4.0	10
3	Urinary sodium and iodine concentrations among Belgian adults: results from the first national Health Examination Survey. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 689-696.	2.9	6
4	Occurrence of Textile Dyes and Metals in Tunisian Textile Dyeing Effluent: Effects on Oxidative Stress Status and Histological Changes in Balb/c Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12568.	4.1	6
5	Weight and head circumference at birth in function of placental paraben load in Belgium: an ENVIRONAGE birth cohort study. <i>Environmental Health</i> , 2020, 19, 83.	4.0	15
6	Determinants of persistent organic pollutant (POP) concentrations in human breast milk of a cross-sectional sample of primiparous mothers in Belgium. <i>Environment International</i> , 2019, 131, 104979.	10.0	40
7	Human urine contamination with environmental pollutants: simultaneous determination using UPLC-MS/MS. <i>Journal of Water and Health</i> , 2019, 17, 371-379.	2.6	6
8	Simultaneous determination of parabens, bisphenols and alkylphenols in human placenta by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1121, 96-102.	2.3	22
9	Occurrence of Organophosphorus Flame Retardants and Plasticizers (PFRs) in Belgian Foodstuffs and Estimation of the Dietary Exposure of the Adult Population. <i>Environmental Science & Technology</i> , 2018, 52, 2331-2338.	10.0	140
10	Persistent plasticizers and bisphenol in the cheese of Tunisian markets induced biochemical and histopathological alterations in male BALB/c mice. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6545-6557.	5.3	26
11	The Use of Tenax® as a Simulant for the Migration of Contaminants in Dry Foodstuffs: A Review. <i>Packaging Technology and Science</i> , 2018, 31, 781-790.	2.8	15
12	UPLC-MS/MS analysis of antibiotics in pharmaceutical effluent in Tunisia: ecotoxicological impact and multi-resistant bacteria dissemination. <i>Archives of Microbiology</i> , 2018, 200, 553-565.	2.2	22
13	Occurrence of selected halogenated flame retardants in Belgian foodstuff. <i>Chemosphere</i> , 2018, 194, 256-265.	8.2	36
14	Dietary intakes of six intense sweeteners by Irish adults. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 425-438.	2.3	25
15	Development and validation of a quantitative UHPLC-MS/MS method for selected brominated flame retardants in food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 292-304.	2.3	11
16	Incidence of dairy wastewater on morphological and physiological compartment of Chemlali and Chetoui olive. <i>Water Resources and Industry</i> , 2018, 20, 29-36.	3.9	10
17	Assessment of dietary intake of 10 intense sweeteners by the Italian population. <i>Food and Chemical Toxicology</i> , 2017, 102, 186-197.	3.6	29
18	Designation of pathogenic resistant bacteria in the Sparusaurata sea collected in Tunisia coastlines: Correlation with high performance liquid chromatography-tandem mass spectrometry analysis of antibiotics. <i>Microbial Pathogenesis</i> , 2017, 106, 3-8.	2.9	8

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19	Identification and risk assessment of human and veterinary antibiotics in the wastewater treatment plants and the adjacent sea in Tunisia. <i>Water Science and Technology</i> , 2017, 76, 3000-3021.	2.5	34
20	Plasticizers and bisphenol A, in packaged foods sold in the Tunisian markets: study of their acute in vivo toxicity and their environmental fate. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22382-22392.	5.3	48
21	Validity and Reproducibility of a Food Frequency Questionnaire for Dietary Factors Related to Colorectal Cancer. <i>Nutrients</i> , 2017, 9, 1257.	4.1	16
22	Pesticide Residues on Three Cut Flower Species and Potential Exposure of Florists in Belgium. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 943.	2.6	24
23	Application of LC-MS/MS MRM to Determine Staphylococcal Enterotoxins (SEB and SEA) in Milk. <i>Toxins</i> , 2016, 8, 118.	3.4	40
24	Migration of 17 Photoinitiators from Printing Inks and Cardboard into Packaged Food – Results of a Belgian Market Survey. <i>Packaging Technology and Science</i> , 2016, 29, 121-131.	2.8	26
25	Occurrence of antibiotics in pharmaceutical industrial wastewater, wastewater treatment plant and sea waters in Tunisia. <i>Journal of Water and Health</i> , 2016, 14, 208-213.	2.6	110
26	Evaluation of the migration of chemicals from baby bottles under standardised and duration testing conditions. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 893-904.	2.3	12
27	Short-term health effects in the general population following a major train accident with acrylonitrile in Belgium. <i>Environmental Research</i> , 2016, 148, 256-263.	7.5	6
28	Ecotoxicological potential of antibiotic pollution – industrial wastewater: bioavailability, biomarkers, and occurrence in <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 15343-15350.	5.3	23
29	Migration of photoinitiators from cardboard into dry food: evaluation of Tenax® as a food simulant. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 913-920.	2.3	15
30	Nicotine Dependence and Urinary Nicotine, Cotinine and Hydroxycotinine Levels in Daily Smokers. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1813-1819.	2.6	19
31	Screening of endocrine activity of compounds migrating from plastic baby bottles using a multi-receptor panel of in vitro bioassays. <i>Toxicology in Vitro</i> , 2016, 37, 121-133.	2.4	25
32	Evaluation of the potential health risks of substances migrating from polycarbonate replacement baby bottles. <i>Food and Chemical Toxicology</i> , 2016, 97, 108-119.	3.6	19
33	Determination of halogenated flame retardants in food: Optimization and validation of a method based on a two-step clean-up and gas chromatography – mass spectrometry. <i>Food Control</i> , 2016, 65, 168-176.	5.5	28
34	Quantitative Determination of Migrating compounds from Plastic Baby Bottles by Validated GC-QqQ-MS and LC-QqQ-MS Methods. <i>Food Analytical Methods</i> , 2016, 9, 2600-2612.	2.6	12
35	Investigation of the genotoxicity of substances migrating from polycarbonate replacement baby bottles to identify chemicals of high concern. <i>Food and Chemical Toxicology</i> , 2016, 89, 126-137.	3.6	19
36	Evaluation of the presence of cereulide in food products collected from the Belgian market. <i>International Journal of Food Contamination</i> , 2015, 2, .	4.3	1

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37	Identification of substances migrating from plastic baby bottles using a combination of low-resolution and high-resolution mass spectrometric analysers coupled to gas and liquid chromatography. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1234-1244.	1.6	35
38	Dietary exposure of the Belgian adult population to 70 food additives with numerical ADI. <i>Food Control</i> , 2015, 54, 86-94.	5.5	16
39	Development and validation of an ultra-high performance liquid chromatography-tandem mass spectrometry method to measure creatinine in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 88-97.	2.3	29
40	Cereulide food toxin, beta cell function and diabetes: Facts and hypotheses. <i>Diabetes Research and Clinical Practice</i> , 2015, 109, 1-5.	2.8	13
41	Determination of selected veterinary antimicrobials in poultry excreta by UHPLC-MS/MS, for application in Salmonella control programs. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4447-4457.	3.7	19
42	Low calorie sweeteners in food and food supplements on the Italian market. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2015, 8, 150925162021009.	2.8	11
43	Toxic textile dyes accumulate in wild European eel <i>Anguilla anguilla</i> . <i>Chemosphere</i> , 2015, 138, 784-791.	8.2	65
44	Isolation and characterization of antibiotic-resistant bacteria from pharmaceutical industrial wastewaters. <i>Microbial Pathogenesis</i> , 2015, 89, 54-61.	2.9	38
45	Rapid Determination of Ethephon in Grapes by Hydrophilic Interaction Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2015, 8, 524-530.	2.6	13
46	Occurrence of volatile organic compounds in foods from the Belgian market and dietary exposure assessment. <i>Food Control</i> , 2015, 52, 1-8.	5.5	20
47	Acrylonitrile exposure assessment in the emergency responders of a major train accident in Belgium: A human biomonitoring study. <i>Toxicology Letters</i> , 2014, 231, 352-359.	0.8	9
48	Acrylonitrile exposure in the general population following a major train accident in Belgium: A human biomonitoring study. <i>Toxicology Letters</i> , 2014, 231, 344-351.	0.8	21
49	Development and application of a non-targeted extraction method for the analysis of migrating compounds from plastic baby bottles by GC-MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 2090-2102.	2.3	53
50	Evaluation of the migration of 15 photo-initiators from cardboard packaging into Tenax [®] using ultra-performance liquid chromatography-tandem mass spectrometry (UPLC-MS/MS). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 767-775.	2.3	17
51	Dietary intake of lycopene by the Belgian adult population. <i>Public Health Nutrition</i> , 2014, 17, 248-255.	2.2	10
52	Multi-dye residue analysis of triarylmethane, xanthene, phenothiazine and phenoxazine dyes in fish tissues by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 953-954, 92-101.	2.3	23
53	Hair mercury and urinary cadmium levels in Belgian children and their mothers within the framework of the COPHES/DEMOCOPHES projects. <i>Science of the Total Environment</i> , 2014, 472, 730-740.	8.0	40
54	Determination of caramel colorants [™] by-products in liquid foods by ultra-high-performance liquid chromatography-tandem mass spectrometry (UPLC-MS/MS). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1652-1660.	2.3	17

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55	Foodborne cereulide causes beta cell dysfunction and apoptosis. Archives of Public Health, 2014, 72, .	2.4	1
56	Speciation study of aluminium in beverages by Competitive Ligand Exchange-Adsorptive Stripping Voltammetry. Talanta, 2014, 122, 30-35.	5.5	14
57	Foodborne Cereulide Causes Beta-Cell Dysfunction and Apoptosis. PLoS ONE, 2014, 9, e104866.	2.5	36
58	On-line solid-phase extraction with ultra performance liquid chromatography and tandem mass spectrometry for the detection of nicotine, cotinine and trans-3-hydroxycotinine in urine to strengthen human biomonitoring and smoking cessation studies. Journal of Pharmaceutical and Biomedical Analysis, 2013, 76, 126-133.	2.8	23
59	Estimation of dietary aluminum exposure of the Belgian adult population: Evaluation of contribution of food and kitchenware. Food and Chemical Toxicology, 2013, 55, 602-608.	3.6	43
60	Dietary exposure of the Belgian adult population to non-dioxin-like PCBs. Food and Chemical Toxicology, 2013, 59, 670-679.	3.6	34
61	Dietary intake of artificial sweeteners by the Belgian population. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 54-65.	2.3	57
62	A review of dietary and non-dietary exposure to bisphenol-A. Food and Chemical Toxicology, 2012, 50, 3725-3740.	3.6	747
63	Modelling aluminium leaching into food from different foodware materials with multi-level factorial design of experiments. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 1322-1333.	2.3	16
64	Determination of Bacillus cereus Emetic Toxin in Food Products by Means of LC-MS ² . Food Analytical Methods, 2012, 5, 969-979.	2.6	18
65	Migration of 18 trace elements from ceramic food contact material: Influence of pigment, pH, nature of acid and temperature. Food and Chemical Toxicology, 2012, 50, 734-743.	3.6	41
66	Effect of household and industrial processing on levels of five pesticide residues and two degradation products in spinach. Food Control, 2012, 25, 397-406.	5.5	86
67	Exposure to domoic acid through shellfish consumption in Belgium. Environment International, 2012, 49, 115-119.	10.0	21
68	Effect of household and industrial processing on the levels of pesticide residues and degradation products in melons. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 1058-1066.	2.3	36
69	Processing Factors of Several Pesticides and Degradation Products in Carrots by Household and Industrial Processing. Journal of Food Research, 2012, 1, 68.	0.3	31
70	A Simple and Fast HPLC Method to Determine Lycopene in Foods. Food Analytical Methods, 2012, 5, 1221-1228.	2.6	30
71	Prevalence and Levels of Bacillus cereus Emetic Toxin in Rice Dishes Randomly Collected from Restaurants and Comparison with the Levels Measured in a Recent Foodborne Outbreak. Foodborne Pathogens and Disease, 2012, 9, 809-814.	1.8	51
72	Assessment of human exposure to benzene through foods from the Belgian market. Chemosphere, 2012, 88, 1001-1007.	8.2	41

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73	Comparison of four analytical techniques based on atomic spectrometry for the determination of total tin in canned foodstuffs. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 173-179.	2.3	20
74	Factors Influencing Benzene Formation from the Decarboxylation of Benzoate in Liquid Model Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12975-12981.	5.2	21
75	Rapid analysis of melamine residue in milk, milk products, bakery goods and flour by ultra-performance liquid chromatography/tandem mass spectrometry: From food crisis to accreditation. <i>Food Control</i> , 2011, 22, 226-230.	5.5	48
76	Follow-up of the <i>Bacillus cereus</i> emetic toxin production in penne pasta under household conditions using liquid chromatography coupled with mass spectrometry. <i>Food Microbiology</i> , 2011, 28, 1105-1109.	4.2	31
77	Dietary intake of hexabromocyclododecane diastereoisomers ($\hat{1}\pm$, $\hat{1}^2$, and $\hat{1}^3$ -HBCD) in the Belgian adult population. <i>Chemosphere</i> , 2011, 84, 279-288.	8.2	48
78	A rapid and environmental friendly determination of the dithiocarbamate metabolites ethylenethiourea and propylenethiourea in fruit and vegetables by ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4627-4631.	3.7	17
79	Tea brewed in traditional metallic teapots as a significant source of lead, nickel and other chemical elements. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 1287-1293.	2.3	16
80	Determination of benzene in different food matrices by distillation and isotope dilution HS-GC/MS. <i>Analytica Chimica Acta</i> , 2010, 672, 124-129.	5.4	18
81	Rapid method for the confirmatory analysis of chrysoidine in aquaculture products by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2010, 24, 982-989.	1.7	11
82	Analysis of benzophenone and 4-methylbenzophenone in breakfast cereals using ultrasonic extraction in combination with gas chromatography-tandem mass spectrometry (GC-MS). <i>Analytica Chimica Acta</i> , 2010, 663, 55-59.	5.4	41
83	Estimate of intake of sulfites in the Belgian adult population. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 1072-1083.	2.3	31
84	Dietary intake of PCDD/Fs and dioxin-like PCBs of the Belgian population. <i>Chemosphere</i> , 2010, 79, 334-340.	8.2	73
85	Optimization and validation of a liquid chromatography tandem mass spectrometry (LC/MSn) method for analysis of corticosteroids in bovine liver: Evaluation of Keyhole Limpet $\hat{1}^2$ -glucuronidase/sulfatase enzyme extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 635-644.	2.3	25
86	Estimate of intake of benzoic acid in the Belgian adult population. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 958-968.	2.3	23
87	Contribution of selected foods to acrylamide intake by a population of Brazilian adolescents. <i>LWT - Food Science and Technology</i> , 2009, 42, 207-211.	5.2	28
88	Determination of bixin and norbixin in meat using liquid chromatography and photodiode array detection. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 17-24.	2.3	22
89	A Modified Sample Preparation for Acrylamide Determination in Cocoa and Coffee Products. <i>Food Analytical Methods</i> , 2008, 1, 49-55.	2.6	18
90	Analysis of fluoride in toothpastes on the Belgian market. <i>International Journal of Cosmetic Science</i> , 2008, 30, 145-152.	2.6	7

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91	Determination of acrylamide levels in selected foods in Brazil. Food Additives and Contaminants, 2007, 24, 236-241.	2.0	44
92	Dietary exposure of Brazilian adolescents to acrylamide. Toxicology Letters, 2007, 172, S190.	0.8	2
93	A downscaled multi-residue strategy for detection of anabolic steroids in bovine urine using gas chromatography tandem mass spectrometry (GC-MS ³). Analytica Chimica Acta, 2007, 586, 43-48.	5.4	34
94	Calculation of the decision limit (CC ₁) and the detection capability (CC ₂) for banned substances: The imperfect marriage between the quantitative and the qualitative criteria. Analytica Chimica Acta, 2007, 586, 8-12.	5.4	35
95	Validation of a method for the detection and confirmation of nitroimidazoles and the corresponding hydroxy metabolites in pig plasma by high performance liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2007, 586, 383-393.	5.4	56
96	Development of a Fast Analytical Method for the Determination of Sudan Dyes in Chili- and Curry-Containing Foodstuffs by High-Performance Liquid Chromatography-Photodiode Array Detection. Journal of Agricultural and Food Chemistry, 2006, 54, 639-644.	5.2	154
97	Determination of acrylamide in Brazilian foods by LC-MS/MS. Toxicology Letters, 2006, 164, S268-S269.	0.8	5
98	Optimisation of a liquid chromatography-tandem mass spectrometric method for the determination of acrylamide in foods. Analytica Chimica Acta, 2006, 556, 275-280.	5.4	33
99	The CALUX bioassay: Current status of its application to screening food and feed. TrAC - Trends in Analytical Chemistry, 2006, 25, 410-420.	11.4	56
100	Importance of REP values when comparing the CALUX bioassay results with chemoanalyses results Example with spiked vegetable oils. Talanta, 2004, 63, 1255-1259.	5.5	22
101	Interpretation of CALUX results in view of the EU maximal TEQ level in milk. Talanta, 2004, 63, 1241-1247.	5.5	17
102	The international validation of bio- and chemical-analytical screening methods for dioxins and dioxin-like PCBs: the DIFFERENCE project rounds 1 and 2. Talanta, 2004, 63, 1169-1182.	5.5	33
103	Strategies for multi-site GLP studies. Accreditation and Quality Assurance, 2003, 8, 61-67.	0.8	0
104	Estimation of the minimum detectable value for the determination of PCBs in fatty food samples by GC-ECD: a curvilinear calibration case. Analytica Chimica Acta, 2003, 483, 413-418.	5.4	6
105	Linearity of calibration curves: use and misuse of the correlation coefficient. Accreditation and Quality Assurance, 2002, 7, 281-285.	0.8	184
106	Method Validation for Food Analysis: Concepts and Use of Statistical Techniques. , 0, , 135-165.		2
107	Development, validation and application of multi-class methods for the analysis of food additives by liquid chromatography coupled to tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 0, , 1-16.	2.3	1