

Stefan P J Van Leeuwen

List of Publications by Year in descending order

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66
papers

6,546
citations

126708

33
h-index

102304

66
g-index

67
all docs

67
docs citations

67
times ranked

6420
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfluoroalkyl and polyfluoroalkyl substances in the environment: Terminology, classification, and origins. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 513-541.	1.6	2,567
2	Distribution and Fate of HBCD and TBBPA Brominated Flame Retardants in North Sea Estuaries and Aquatic Food Webs. <i>Environmental Science & Technology</i> , 2004, 38, 5497-5504.	4.6	513
3	Presence of Emerging Per- and Polyfluoroalkyl Substances (PFASs) in River and Drinking Water near a Fluorochemical Production Plant in the Netherlands. <i>Environmental Science & Technology</i> , 2017, 51, 11057-11065.	4.6	279
4	Competitive Binding of Poly- and Perfluorinated Compounds to the Thyroid Hormone Transport Protein Transthyretin. <i>Toxicological Sciences</i> , 2009, 109, 206-216.	1.4	270
5	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. <i>Environmental Science & Technology</i> , 2004, 38, 248A-255A.	4.6	201
6	Levels of Perfluorinated Compounds in Food and Dietary Intake of PFOS and PFOA in The Netherlands. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7496-7505.	2.4	201
7	Extraction and clean-up strategies for the analysis of poly- and perfluoroalkyl substances in environmental and human matrices. <i>Journal of Chromatography A</i> , 2007, 1153, 172-185.	1.8	156
8	Struggle for Quality in Determination of Perfluorinated Contaminants in Environmental and Human Samples. <i>Environmental Science & Technology</i> , 2006, 40, 7854-7860.	4.6	123
9	Halogenated Contaminants in Farmed Salmon, Trout, Tilapia, Pangasius, and Shrimp. <i>Environmental Science & Technology</i> , 2009, 43, 4009-4015.	4.6	109
10	Advances in the gas chromatographic determination of persistent organic pollutants in the aquatic environment. <i>Journal of Chromatography A</i> , 2008, 1186, 161-182.	1.8	108
11	Environmental contamination and human exposure to PFASs near a fluorochemical production plant: Review of historic and current PFOA and GenX contamination in the Netherlands. <i>Environment International</i> , 2020, 137, 105583.	4.8	100
12	Brominated flame retardants in fish and shellfish – levels and contribution of fish consumption to dietary exposure of Dutch citizens to HBCD. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 194-203.	1.5	99
13	Significant improvements in the analysis of perfluorinated compounds in water and fish: Results from an interlaboratory method evaluation study. <i>Journal of Chromatography A</i> , 2009, 1216, 401-409.	1.8	94
14	Programming of metabolic effects in C57BL/6JxFVB mice by exposure to bisphenol A during gestation and lactation. <i>Toxicology</i> , 2014, 321, 40-52.	2.0	91
15	Dietary intake and risk evaluation of polybrominated diphenyl ethers in The Netherlands. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 204-216.	1.5	89
16	Recent developments in trace analysis of poly- and perfluoroalkyl substances. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1625-1635.	1.9	76
17	Dietary exposure to dioxins and dioxin-like PCBs in The Netherlands anno 2004. <i>Regulatory Toxicology and Pharmacology</i> , 2008, 51, 278-287.	1.3	73
18	Tetrahydrofuran-water extraction, in-line clean-up and selective liquid chromatography/tandem mass spectrometry for the quantitation of perfluorinated compounds in food at the low picogram per gram level. <i>Journal of Chromatography A</i> , 2010, 1217, 5913-5921.	1.8	70

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19	Thirty year monitoring of PCBs, organochlorine pesticides and tetrabromodiphenylether in eel from The Netherlands. <i>Environmental Pollution</i> , 2010, 158, 1228-1236.	3.7	65
20	Perfluoroalkyl substances in polar bear motherâ€“cub pairs: A comparative study based on plasma levels from 1998 and 2008. <i>Environment International</i> , 2012, 49, 92-99.	4.8	60
21	Perfluoroalkylated substances (PFASs) in home and commercially produced chicken eggs from the Netherlands and Greece. <i>Chemosphere</i> , 2016, 144, 2106-2112.	4.2	57
22	Mitigation Strategies for the Reduction of 2â€“and 3â€“MCPD Esters and Glycidyl Esters in the Vegetable Oil Processing Industry. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 349-361.	5.9	56
23	Analysis of perfluorinated phosphonic acids and perfluorooctane sulfonic acid in water, sludge and sediment by LCâ€“MS/MS. <i>Talanta</i> , 2011, 86, 329-336.	2.9	55
24	Meeting the Needs for Released Nanomaterials Required for Further Testingâ€“The SUN Approach. <i>Environmental Science & Technology</i> , 2016, 50, 2747-2753.	4.6	55
25	Use of a presolvent to include volatile organic analytes in the application range of on-line solid-phase extractionâ€“gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 811, 117-133.	1.8	54
26	Occurrence of perfluoroalkyl substances (PFASs) in a large number of wild and farmed aquatic animals collected in the Netherlands. <i>Chemosphere</i> , 2019, 232, 415-423.	4.2	50
27	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): letâ€“s cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	46
28	Review of analytical approaches for the identification of non-intentionally added substances in paper and board food contact materials. <i>Trends in Food Science and Technology</i> , 2019, 85, 44-54.	7.8	43
29	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) and biphenyls (PCBs) in home-produced eggs. <i>Chemosphere</i> , 2016, 150, 311-319.	4.2	42
30	Analysis of perfluorinated compounds in biota by microextraction with tetrahydrofuran and liquid chromatography/ion isolation-based ion-trap mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 3774-3782.	1.8	41
31	Polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in fish from the Netherlands: concentrations, profiles and comparison with DR CALUXâ„® bioassay results. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 321-333.	1.9	38
32	The performance of atmospheric pressure gas chromatographyâ€“tandem mass spectrometry compared to gas chromatographyâ€“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.	1.8	36
33	Dioxins, PCBs and heavy metals in Chinese mitten crabs from Dutch rivers and lakes. <i>Chemosphere</i> , 2015, 123, 1-8.	4.2	34
34	Congener patterns of polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls as a useful aid to source identification during a contamination incident in the food chain. <i>Science of the Total Environment</i> , 2020, 746, 141098.	3.9	34
35	The international validation of bio- and chemical-analytical screening methods for dioxins and dioxin-like PCBs: the DIFFERENCE project rounds 1 and 2. <i>Talanta</i> , 2004, 63, 1169-1182.	2.9	33
36	Gastrointestinal digestion of dietary advanced glycation endproducts using an <i>in vitro</i> model of the gastrointestinal tract (TIM-1). <i>Food and Function</i> , 2020, 11, 6297-6307.	2.1	33

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37	BPA, BADGE and analogues: A new multi-analyte LC-ESI-MS/MS method for their determination and their in vitro (anti)estrogenic and (anti)androgenic properties. <i>Chemosphere</i> , 2019, 221, 246-253.	4.2	32
38	New certified and candidate certified reference materials for the analysis of PCBs, PCDD/Fs, OCPs and BFRs in the environment and food. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 397-409.	5.8	30
39	Quantitative electrospray LC-MS and LC-MS/MS in biomedicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 1129-1138.	1.4	29
40	Analytical improvements shown over four interlaboratory studies of perfluoroalkyl substances in environmental and food samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 204-216.	5.8	29
41	Quantitative in vitro-to-in vivo extrapolation (QIVIVE) of estrogenic and anti-androgenic potencies of BPA and BADGE analogues. <i>Archives of Toxicology</i> , 2019, 93, 1941-1953.	1.9	28
42	Discrimination of processing grades of olive oil and other vegetable oils by monochloropropanediol esters and glycidyl esters. <i>Food Chemistry</i> , 2018, 248, 93-100.	4.2	27
43	Non-targeted identification of per- and polyfluoroalkyl substances at trace level in surface water using fragment ion flagging. <i>Chemosphere</i> , 2021, 265, 128599.	4.2	26
44	A simple and rapid extraction method for sensitive determination of perfluoroalkyl substances in blood serum suitable for exposure evaluation. <i>Journal of Chromatography A</i> , 2012, 1235, 84-91.	1.8	23
45	Perfluoroalkylated substances in edible livers of farm animals, including depuration behaviour in young sheep fed with contaminated grass. <i>Chemosphere</i> , 2016, 156, 280-285.	4.2	23
46	Occurrence and tissue distribution of perfluoroalkyl substances (PFASs) in sharks and rays from the eastern Mediterranean Sea. <i>Environmental Pollution</i> , 2019, 252, 379-387.	3.7	23
47	Importance of REP values when comparing the CALUX bioassay results with chemoanalyses results Example with spiked vegetable oils. <i>Talanta</i> , 2004, 63, 1255-1259.	2.9	22
48	Legacy and Emerging Persistent Organic Pollutants in Antarctic Benthic Invertebrates near Rothera Point, Western Antarctic Peninsula. <i>Environmental Science & Technology</i> , 2020, 54, 2763-2771.	4.6	21
49	Results for PCDD/PCDF and dl-PCBs in the First Round of UNEPs Biennial Global Interlaboratory Assessment on Persistent Organic Pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 98-109.	5.8	18
50	First worldwide UNEP interlaboratory study on persistent organic pollutants (POPs), with data on polychlorinated biphenyls and organochlorine pesticides. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 110-117.	5.8	17
51	United Nations Environment Programme Capacity Building Pilot Project "Training and interlaboratory study on persistent organic pollutant analysis under the Stockholm Convention. <i>Analytica Chimica Acta</i> , 2008, 617, 208-215.	2.6	16
52	Accumulation of persistent organic pollutants in consumers of eel from polluted rivers compared to marketable eel. <i>Environmental Pollution</i> , 2016, 219, 80-88.	3.7	15
53	Brominated flame retardants in animal derived foods in the Netherlands between 2009 and 2014. <i>Chemosphere</i> , 2019, 234, 171-178.	4.2	15
54	Development, validation, and application of a new method for the quantitative determination of monohydrogen-substituted perfluoroalkyl carboxylic acids (PFCA) in surface water. <i>Chemosphere</i> , 2022, 287, 132143.	4.2	14

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55	Chemical refining methods effectively mitigate 2-MCPD esters, 3-MCPD esters, and glycidyl esters formation in refined vegetable oils. <i>Food Research International</i> , 2022, 156, 111137.	2.9	14
56	Determination of perfluoroalkylated substances (PFASs) in drinking water from the Netherlands and Greece. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1-10.	1.1	13
57	POPs analysis reveals issues in bringing laboratories in developing countries to a higher quality level. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 198-206.	5.8	11
58	High levels of dioxins and PCBs in meat, fat and livers of free ranging pigs, goats, sheep and cows from the island of Curaçao. <i>Chemosphere</i> , 2021, 263, 128057.	4.2	11
59	Effective physical refining for the mitigation of processing contaminants in palm oil at pilot scale. <i>Food Research International</i> , 2020, 138, 109748.	2.9	10
60	Dietary advanced glycation endproducts, 2-monochloropropane-1,3-diol esters and 3-monochloropropane-1,2-diol esters and glycidyl esters in infant formulas: Occurrence, formulation and processing effects, mitigation strategies. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 5489-5515.	5.9	8
61	Gastrointestinal digestion of dietary advanced glycation endproducts increases their pro-inflammatory potential. <i>Food and Function</i> , 2021, 12, 6691-6696.	2.1	7
62	Impurities in technical mixtures of chlorinated paraffins show AhR agonist properties as determined by the DR-CALUX bioassay. <i>Toxicology in Vitro</i> , 2021, 72, 105098.	1.1	5
63	Persistent Organic Pollutants in two species of migratory birds from Rothera Point, Adelaide Island, Antarctica. <i>Marine Pollution Bulletin</i> , 2018, 137, 113-118.	2.3	4
64	Response to "Comment on Halogenated Contaminants in Farmed Salmon, Trout, Tilapia, Pangasius, and Shrimp". <i>Environmental Science & Technology</i> , 2009, 43, 7586-7587.	4.6	1
65	Benzopyrene Serum Concentration After Endovenous Laser Ablation of the Great Saphenous Vein. <i>Vascular and Endovascular Surgery</i> , 2013, 47, 213-215.	0.3	1
66	PCDD/Fs and PCBs in Soils: a Study of Case in the City of Belo Horizonte-MG. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1