

Nathalie Bonvallot

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,210
citations

361296

20
h-index

377752

34
g-index

45
all docs

45
docs citations

45
times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Semivolatile Organic Compounds in Indoor Air and Settled Dust in 30 French Dwellings. <i>Environmental Science & Technology</i> , 2014, 48, 3959-3969.	4.6	174
2	Prenatal exposure to persistent organic pollutants and organophosphate pesticides, and markers of glucose metabolism at birth. <i>Environmental Research</i> , 2016, 146, 207-217.	3.7	77
3	Indoor environment and children's health: Recent developments in chemical, biological, physical and social aspects. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 215, 1-18.	2.1	72
4	Metabolomics Tools for Describing Complex Pesticide Exposure in Pregnant Women in Brittany (France). <i>PLoS ONE</i> , 2013, 8, e64433.	1.1	59
5	Organophosphorus Flame Retardants: A Global Review of Indoor Contamination and Human Exposure in Europe and Epidemiological Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6713.	1.2	57
6	Exposure of pregnant women to persistent organic pollutants and cord sex hormone levels. <i>Human Reproduction</i> , 2016, 31, 190-198.	0.4	53
7	Semi-volatile organic compounds in the air and dust of 30 French schools: a pilot study. <i>Indoor Air</i> , 2017, 27, 114-127.	2.0	52
8	Untargeted profiling of pesticide metabolites by LC-MS/MS: an exposomics tool for human exposure evaluation. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1149-1161.	1.9	51
9	Semi-volatile organic compounds in the particulate phase in dwellings: A nationwide survey in France. <i>Atmospheric Environment</i> , 2016, 136, 82-94.	1.9	43
10	Exposure During Pregnancy to Glycol Ethers and Chlorinated Solvents and the Risk of Congenital Malformations. <i>Epidemiology</i> , 2012, 23, 806-812.	1.2	42
11	Potential Input From Metabolomics for Exploring and Understanding the Links Between Environment and Health. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2014, 17, 21-44.	2.9	39
12	Bioaccessibility and bioavailability of environmental semi-volatile organic compounds via inhalation: A review of methods and models. <i>Environment International</i> , 2018, 113, 202-213.	4.8	39
13	Childhood exposure to polybrominated diphenyl ethers and neurodevelopment at six years of age. <i>NeuroToxicology</i> , 2016, 54, 81-88.	1.4	37
14	Multiple Exposures and Coexposures to Occupational Hazards Among Agricultural Workers: A Systematic Review of Observational Studies. <i>Safety and Health at Work</i> , 2018, 9, 239-248.	0.3	36
15	Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany. <i>PLoS ONE</i> , 2018, 13, e0198448.	1.1	36
16	Metabolomics as a powerful tool to decipher the biological effects of environmental contaminants in humans. <i>Current Opinion in Toxicology</i> , 2018, 8, 48-56.	2.6	34
17	Indoor residential exposure to semivolatile organic compounds in France. <i>Environment International</i> , 2017, 109, 81-88.	4.8	31
18	An exposure-based framework for grouping pollutants for a cumulative risk assessment approach: Case study of indoor semi-volatile organic compounds. <i>Environmental Research</i> , 2014, 130, 20-28.	3.7	26

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19	Urinary biomarkers of exposure to glycol ethers and chlorinated solvents during pregnancy: determinants of exposure and comparison with indirect methods of exposure assessment. <i>Occupational and Environmental Medicine</i> , 2012, 69, 62-70.	1.3	23
20	TOXsIgN: a cross-species repository for toxicogenomic signatures. <i>Bioinformatics</i> , 2018, 34, 2116-2122.	1.8	22
21	Chemical-by-chemical and cumulative risk assessment of residential indoor exposure to semivolatile organic compounds in France. <i>Environment International</i> , 2018, 117, 22-32.	4.8	21
22	Transfluthrin indoor air concentration and inhalation exposure during application of electric vaporizers. <i>Environment International</i> , 2013, 60, 1-6.	4.8	20
23	Urinary Glycol Ether Metabolites in Women and Time to Pregnancy: The PELAGIE Cohort. <i>Environmental Health Perspectives</i> , 2013, 121, 1167-1173.	2.8	19
24	Haber's rule duration adjustments should not be used systematically for risk assessment in public health decision-making. <i>Toxicology Letters</i> , 2011, 204, 148-155.	0.4	17
25	Dermal absorption of semivolatile organic compounds from the gas phase: Sensitivity of exposure assessment by steady state modeling to key parameters. <i>Environment International</i> , 2017, 102, 106-113.	4.8	16
26	Relative toxicity for indoor semi volatile organic compounds based on neuronal death. <i>Toxicology Letters</i> , 2017, 279, 33-42.	0.4	16
27	Development of French Indoor Air Quality Guidelines. <i>Clean - Soil, Air, Water</i> , 2009, 37, 494-499.	0.7	15
28	Impact of maternal obesity on the metabolic profiles of pregnant women and their offspring at birth. <i>Metabolomics</i> , 2015, 11, 1896-1907.	1.4	13
29	Suspect screening and targeted analyses: Two complementary approaches to characterize human exposure to pesticides. <i>Science of the Total Environment</i> , 2021, 786, 147499.	3.9	13
30	Aggregating exposures & cumulating risk for semivolatile organic compounds: A review. <i>Environmental Research</i> , 2017, 158, 649-659.	3.7	10
31	Derivation of a toxicity reference value for nitrogen trichloride as a disinfection by-product. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 56, 357-364.	1.3	9
32	Occupational co-exposure to biomechanical factors and neurotoxic chemicals in a representative sample of French employees. <i>Journal of Occupational Health</i> , 2020, 62, e12090.	1.0	9
33	Multiple exposures to indoor contaminants: Derivation of benchmark doses and relative potency factors based on male reprotoxic effects. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 74, 23-30.	1.3	8
34	Analytical strategies to profile the internal chemical exposome and the metabolome of human placenta. <i>Analytica Chimica Acta</i> , 2022, 1219, 339983.	2.6	5
35	The French approach to deriving toxicity reference values: An example using reprotoxic effects. <i>Regulatory Toxicology and Pharmacology</i> , 2009, 55, 353-360.	1.3	4
36	Simultaneous determination of selected pesticides and/or their metabolites in urine by off-line solid phase extraction and ultra high performance liquid chromatography/hybrid quadrupole time-of-flight mass spectrometry. <i>Microchemical Journal</i> , 2022, 180, 107539.	2.3	3

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37	Elaboration of a toxicological reference value (TRV) for the reprotoxic effects of nonylphenol. Toxicology Letters, 2009, 189, S242.	0.4	2
38	A low-dose of a complex pesticide mixture disrupts the metabolome of pregnant rats and their offspring. Toxicology Letters, 2014, 229, S234.	0.4	2
39	Exposure to and health risks of semivolatile organic compounds in dwellings: summary of the ECOS research program. Environnement, Risques Et Sante (discontinued), 2019, 18, 380-391.	0.1	2
40	Industrial and technical workers are not the only workers exposed to solvents. Reproductive Toxicology, 2011, 32, 142-143.	1.3	1
41	Proposal for a neurotoxic classification for chemicals at work. Archives of Environmental and Occupational Health, 2021, 76, 393-405.	0.7	1
42	The design of a matrix linking work situations to chemical health risk at the workplace. Journal of Occupational and Environmental Hygiene, 2022, , 1-12.	0.4	1
43	Glycol Ethers and Congenital Malformations. Epidemiology, 2013, 24, 940.	1.2	0