

Alin C Dirtu

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

4,511
citations

134610

34
h-index

116156

66
g-index

70
all docs

70
docs citations

70
times ranked

4650
citing authors

#	ARTICLE	IF	CITATIONS
1	Source apportionment and seasonal variation in particulate PAHs levels at a coastal site in Belgium. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14933-14943.	2.7	5
2	Trends in bond dissociation energies of brominated flame retardants from density functional theory. <i>Structural Chemistry</i> , 2018, 29, 921-927.	1.0	7
3	Heavy Metal-induced Cuticular Alkane Changes of Tall Fescue (<i>Festuca arundinacea</i>) Plantlets. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1682-1686.	0.2	2
4	Linking pollutant exposure of humpback whales breeding in the Indian Ocean to their feeding habits and feeding areas off Antarctica. <i>Environmental Pollution</i> , 2017, 220, 1090-1099.	3.7	24
5	NPK Analysis of the Thermal Degradation of Decabromodiphenylether. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 2734-2738.	0.2	1
6	A Preliminary Link between Hydroxylated Metabolites of Polychlorinated Biphenyls and Free Thyroxin in Humans. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 421.	1.2	11
7	Serum POP concentrations are highly predictive of inner blubber concentrations at two extremes of body condition in northern elephant seals. <i>Environmental Pollution</i> , 2016, 218, 651-663.	3.7	4
8	Thermal Degradation Study of Decabromodiphenyl Ether. Translating Thermo-Analytical Results into Optimal Chromatographic Conditions. <i>Acta Chemica Iasi</i> , 2016, 24, 76-87.	0.1	0
9	Contrasted accumulation patterns of persistent organic pollutants and mercury in sympatric tropical dolphins from the south-western Indian Ocean. <i>Environmental Research</i> , 2016, 146, 263-273.	3.7	25
10	Endocrine-disrupting polychlorinated biphenyls in metabolically healthy and unhealthy obese subjects before and after weight loss: difference at the start but not at the finish. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 989-998.	2.2	20
11	Pivotal Role for the Visceral Fat Compartment in the Release of Persistent Organic Pollutants During Weight Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4463-4471.	1.8	28
12	Daily intake of bisphenol A and triclosan and their association with anthropometric data, thyroid hormones and weight loss in overweight and obese individuals. <i>Environment International</i> , 2015, 76, 98-105.	4.8	74
13	Levels and profiles of chlorinated and brominated contaminants in Southern Hemisphere humpback whales, <i>Megaptera novaeangliae</i> . <i>Environmental Research</i> , 2015, 138, 49-57.	3.7	31
14	Deep-ocean foraging northern elephant seals bioaccumulate persistent organic pollutants. <i>Science of the Total Environment</i> , 2015, 533, 144-155.	3.9	11
15	Bioaccumulation and Biotransformation of Brominated Flame Retardants. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 433-491.	0.7	12
16	Urinary phthalate metabolites are associated with insulin resistance in obese subjects. <i>Environmental Research</i> , 2015, 137, 419-423.	3.7	41
17	Bioaccumulation of hydroxylated polychlorinated biphenyls and pentachlorophenol in the serum of northern elephant seal pups (<i>Mirounga angustirostris</i>). <i>Environmental Research</i> , 2015, 136, 441-448.	3.7	5
18	Expression of Obesity Markers and Persistent Organic Pollutants Levels in Adipose Tissue of Obese Patients: Reinforcing the Obesogen Hypothesis?. <i>PLoS ONE</i> , 2014, 9, e84816.	1.1	39

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19	Downsides of the recycling process: Harmful organic chemicals in children's toys. <i>Environment International</i> , 2014, 65, 54-62.	4.8	108
20	Methods, fluxes and sources of gas phase alkyl nitrates in the coastal air. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 6445-6457.	1.3	2
21	Levels and profile of several classes of organic contaminants in matched indoor dust and serum samples from occupational settings of Pakistan. <i>Environmental Pollution</i> , 2014, 193, 269-276.	3.7	53
22	Exposure to Persistent Organic Pollutants: Relationship With Abnormal Glucose Metabolism and Visceral Adiposity. <i>Diabetes Care</i> , 2014, 37, 1951-1958.	4.3	61
23	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups (Mirounga) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 55	3.7	30
24	Organohalogenated contaminants in domestic cats' plasma in relation to spontaneous acromegaly and type 2 diabetes mellitus: A clue for endocrine disruption in humans?. <i>Environment International</i> , 2013, 57-58, 60-67.	4.8	51
25	Distribution of persistent organic pollutants in two different fat compartments from obese individuals. <i>Environment International</i> , 2013, 55, 33-42.	4.8	74
26	Advances in the sample preparation of brominated flame retardants and other brominated compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 189-203.	5.8	36
27	Dynamics of Organohalogenated Contaminants in Human Serum from Obese Individuals during One Year of Weight Loss Treatment. <i>Environmental Science & Technology</i> , 2013, 47, 12441-12449.	4.6	47
28	Phthalate metabolites in obese individuals undergoing weight loss: Urinary levels and estimation of the phthalates daily intake. <i>Environment International</i> , 2013, 59, 344-353.	4.8	70
29	Concentrations of polybrominated diphenyl ethers in matched samples of indoor dust and breast milk in New Zealand. <i>Environment International</i> , 2013, 59, 255-261.	4.8	54
30	Levels and profiles of organochlorines and flame retardants in car and house dust from Kuwait and Pakistan: Implication for human exposure via dust ingestion. <i>Environment International</i> , 2013, 55, 62-70.	4.8	222
31	Complex Risks from Old Urban Waste Landfills: Sustainability Perspective from Iasi, Romania. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2012, 16, 158-168.	1.2	5
32	Endocrine-disrupting chemicals in human follicular fluid impair in vitro oocyte developmental competence. <i>Human Reproduction</i> , 2012, 27, 1025-1033.	0.4	97
33	Persistent organic pollutants (POPs) in human milk: A biomonitoring study in rural areas of Flanders (Belgium). <i>Chemosphere</i> , 2012, 89, 988-994.	4.2	98
34	After the PBDE Phase-Out: A Broad Suite of Flame Retardants in Repeat House Dust Samples from California. <i>Environmental Science & Technology</i> , 2012, 46, 13056-13066.	4.6	482
35	Multi-residue method for the determination of brominated and organophosphate flame retardants in indoor dust. <i>Talanta</i> , 2012, 89, 292-300.	2.9	183
36	Neurobehavioral function and low-level exposure to brominated flame retardants in adolescents: a cross-sectional study. <i>Environmental Health</i> , 2012, 11, 86.	1.7	66

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37	Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010. <i>Environment International</i> , 2012, 49, 1-8.	4.8	131
38	Analytical methods for selected emerging contaminants in human matrices—a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2555-2581.	1.9	33
39	Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan. <i>Indoor Air</i> , 2012, 22, 200-211.	2.0	109
40	Occurrence of alternative flame retardants in indoor dust from New Zealand: Indoor sources and human exposure assessment. <i>Chemosphere</i> , 2012, 88, 1276-1282.	4.2	293
41	Thyroid dysfunction in sea bass (<i>Dicentrarchus labrax</i>): Underlying mechanisms and effects of polychlorinated biphenyls on thyroid hormone physiology and metabolism. <i>Aquatic Toxicology</i> , 2011, 105, 438-447.	1.9	30
42	Human Exposure and Health Risks to Emerging Organic Contaminants. <i>Handbook of Environmental Chemistry</i> , 2011, , 243-305.	0.2	5
43	Analytical developments and preliminary assessment of human exposure to organophosphate flame retardants from indoor dust. <i>Environment International</i> , 2011, 37, 454-461.	4.8	382
44	Organohalogenated contaminants in eggs of rockhopper penguins (<i>Eudyptes chrysocome</i>) and imperial shags (<i>Phalacrocorax atriceps</i>) from the Falkland Islands. <i>Science of the Total Environment</i> , 2011, 409, 2838-2844.	3.9	16
45	Elemental concentrations in aerosols at the Belgian coast versus seasons and air mass trajectories. <i>Environmental Chemistry Letters</i> , 2010, 8, 157-163.	8.3	5
46	Occurrence of endocrine disrupting compounds in tissues and body fluids of Belgian dairy cows and its implications for the use of the cow as a model to study endocrine disruption. <i>Science of the Total Environment</i> , 2010, 408, 5423-5428.	3.9	41
47	Sample Preparation and Chromatographic Methods Applied to Congener-Specific Analysis of Polybrominated Diphenyl Ethers. <i>Handbook of Environmental Chemistry</i> , 2010, , 55-94.	0.2	4
48	Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries. <i>Environmental Science & Technology</i> , 2010, 44, 2876-2883.	4.6	71
49	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67.	4.8	98
50	Estimation of Daily Intake of Organohalogenated Contaminants from Food Consumption and Indoor Dust Ingestion in Romania. <i>Environmental Science & Technology</i> , 2010, 44, 6297-6304.	4.6	107
51	Anthropogenic and Naturally Produced Contaminants in Fish Oil: Role in Ill Health. , 2010, , 321-342.		1
52	Brominated flame retardants in Belgian home-produced eggs: Levels and contamination sources. <i>Science of the Total Environment</i> , 2009, 407, 4387-4396.	3.9	79
53	Atmospheric nitrogen fluxes at the Belgian coast: 2004–2006. <i>Atmospheric Environment</i> , 2009, 43, 3786-3798.	1.9	24
54	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 1. Accumulation patterns in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 437-444.	3.7	88

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55	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 2. Biomagnification in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 445-451.	3.7	34
56	An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings (<i>Sturnus</i>) Tj ETQq0 0,0,rgBT /Overlock 10	3.7	50
57	Major ionic species in size-segregated aerosols and associated gaseous pollutants at a coastal site on the Belgian North Sea. <i>Journal of Environmental Monitoring</i> , 2009, 11, 670-677.	2.1	15
58	Simultaneous determination of bisphenol A, triclosan, and tetrabromobisphenol A in human serum using solid-phase extraction and gas chromatography-electron capture negative-ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1175-1181.	1.9	106
59	Fast analysis of decabrominated diphenyl ether using low-pressure gas chromatography-electron-capture negative ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1186, 295-301.	1.8	41
60	Low-pressure gas chromatography: Recent trends and developments. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 291-303.	5.8	32
61	Polybrominated diphenyl ethers in domestic indoor dust from Canada, New Zealand, United Kingdom and United States. <i>Environment International</i> , 2008, 34, 232-238.	4.8	300
62	Brominated flame retardants and polychlorinated biphenyls in fish from the river Scheldt, Belgium. <i>Environment International</i> , 2008, 34, 976-983.	4.8	84
63	Organochlorine contaminants in hair of adolescents from Iassy, Romania. <i>Chemosphere</i> , 2008, 72, 16-20.	4.2	77
64	Predatory Bird Species Show Different Patterns of Hydroxylated Polychlorinated Biphenyls (HO-PCBs) and Polychlorinated Biphenyls (PCBs). <i>Environmental Science & Technology</i> , 2008, 42, 3465-3471.	4.6	31
65	Brominated Flame Retardants: Analytical, Toxicological and Environmental Aspects. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2008, , 153-184.	0.5	5
66	Organohalogenated pollutants in human serum from Iassy, Romania and their relation with age and gender. <i>Environment International</i> , 2006, 32, 797-803.	4.8	90
67	Occurrence of organochlorine pesticides and polychlorinated biphenyls in soils and sediments from Eastern Romania. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 833-842.	1.8	31
68	Cyanide Reaction with Ninhydrin: Elucidation of Reaction and Interference Mechanisms. <i>Analytical Sciences</i> , 2004, 20, 1443-1447.	0.8	18