

Marta Schuhmacher

List of Publications by Citations

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252
papers

9,606
citations

50
h-index

81
g-index

262
ext. papers

10,773
ext. citations

7.2
avg, IF

6.33
L-index

#	Paper	IF	Citations
252	USEtox: the UNEP-SETAC toxicity model: recommended characterisation factors for human toxicity and freshwater ecotoxicity in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2008 , 13, 532-546	4.6	982
251	Levels of PAHs in soil and vegetation samples from Tarragona County, Spain. <i>Environmental Pollution</i> , 2004 , 132, 1-11	9.3	323
250	Heavy metals (Pb, Cd, As and MeHg) as risk factors for cognitive dysfunction: A general review of metal mixture mechanism in brain. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 48, 203-213	5.8	206
249	Assessing water quality in rivers with fuzzy inference systems: a case study. <i>Environment International</i> , 2006 , 32, 733-42	12.9	200
248	Metal pollution of soils and vegetation in an area with petrochemical industry. <i>Science of the Total Environment</i> , 2004 , 321, 59-69	10.2	200
247	Ecosystem services in Mediterranean river basin: climate change impact on water provisioning and erosion control. <i>Science of the Total Environment</i> , 2013 , 458-460, 246-55	10.2	139
246	Uncertainty assessment by a Monte Carlo simulation in a life cycle inventory of electricity produced by a waste incinerator. <i>Journal of Cleaner Production</i> , 2003 , 11, 279-292	10.3	139
245	Metal concentrations in surface water and sediments from Pardo River, Brazil: human health risks. <i>Environmental Research</i> , 2014 , 133, 149-55	7.9	123
244	Long-term amendment of Spanish soils with sewage sludge: Effects on soil functioning. <i>Agriculture, Ecosystems and Environment</i> , 2012 , 158, 41-48	5.7	120
243	Presence of PAHs in water and sediments of the Colombian Cauca River during heavy rain episodes, and implications for risk assessment. <i>Science of the Total Environment</i> , 2016 , 540, 455-65	10.2	118
242	Levels of metals, PCBs, PCNs and PAHs in soils of a highly industrialized chemical/petrochemical area: temporal trend. <i>Chemosphere</i> , 2007 , 66, 267-76	8.4	113
241	Air concentrations of PCDD/Fs, PCBs and PCNs using active and passive air samplers. <i>Chemosphere</i> , 2008 , 70, 1637-43	8.4	102
240	Pollutants emitted by a cement plant: health risks for the population living in the neighborhood. <i>Environmental Research</i> , 2004 , 95, 198-206	7.9	101
239	Multi-compartmental environmental surveillance of a petrochemical area: levels of micropollutants. <i>Environment International</i> , 2009 , 35, 227-35	12.9	92
238	Environmental monitoring of PCDD/Fs and metals in the vicinity of a cement plant after using sewage sludge as a secondary fuel. <i>Chemosphere</i> , 2009 , 74, 1502-8	8.4	91
237	Exposure to heavy metals and PCDD/Fs by the population living in the vicinity of a hazardous waste landfill in Catalonia, Spain: health risk assessment. <i>Environment International</i> , 2009 , 35, 1034-9	12.9	90
236	Long-term environmental monitoring of persistent organic pollutants and metals in a chemical/petrochemical area: human health risks. <i>Environmental Pollution</i> , 2011 , 159, 1769-77	9.3	84

235	Levels of PCDD/Fs, PCBs, and PCNs in soils and vegetation in an area with chemical and petrochemical industries. <i>Environmental Science & Technology</i> , 2004 , 38, 1960-9	10.3	84
234	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. <i>Science of the Total Environment</i> , 2016 , 540, 297-306	10.2	78
233	Sensitivity analysis of ecosystem service valuation in a Mediterranean watershed. <i>Science of the Total Environment</i> , 2012 , 440, 140-53	10.2	78
232	Long-term study of environmental levels of dioxins and furans in the vicinity of a municipal solid waste incinerator. <i>Environment International</i> , 2006 , 32, 397-404	12.9	78
231	Mercury in hair for a child population from Tarragona Province, Spain. <i>Science of the Total Environment</i> , 1996 , 193, 143-8	10.2	77
230	Impact of reduction of lead in gasoline on the blood and hair lead levels in the population of Tarragona Province, Spain, 1990-1995. <i>Science of the Total Environment</i> , 1996 , 184, 203-9	10.2	76
229	The use of Monte-Carlo simulation techniques for risk assessment: study of a municipal waste incinerator. <i>Chemosphere</i> , 2001 , 43, 787-99	8.4	75
228	PCDDs and PCDFs in food samples from Catalonia, Spain. An assessment of dietary intake. <i>Chemosphere</i> , 1999 , 38, 3517-28	8.4	72
227	Polybrominated diphenyl ethers detected in human adipose tissue from Spain. <i>Chemosphere</i> , 1999 , 39, 2271-8	8.4	70
226	Dioxin and dibenzofuran concentrations in blood of a general population from Tarragona, Spain. <i>Chemosphere</i> , 1999 , 38, 1123-33	8.4	69
225	Water quality analysis in rivers with non-parametric probability distributions and fuzzy inference systems: application to the Cauca River, Colombia. <i>Environment International</i> , 2013 , 52, 17-28	12.9	68
224	Concentrations of PCDD/Fs, PCBs and PBDEs in breast milk of women from Catalonia, Spain: a follow-up study. <i>Environment International</i> , 2009 , 35, 607-13	12.9	67
223	Human health risks of formaldehyde indoor levels: An issue of concern. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016 , 51, 357-63	2.3	65
222	Novel approach for assessing heavy metal pollution and ecotoxicological status of rivers by means of passive sampling methods. <i>Environment International</i> , 2011 , 37, 671-7	12.9	65
221	POP accumulation in the food chain: Integrated risk model for sewage sludge application in agricultural soils. <i>Environment International</i> , 2010 , 36, 577-83	12.9	64
220	Relationship between pollutant content and ecotoxicity of sewage sludges from Spanish wastewater treatment plants. <i>Science of the Total Environment</i> , 2012 , 425, 99-109	10.2	63
219	Use of sewage sludge as secondary fuel in a cement plant: human health risks. <i>Environment International</i> , 2011 , 37, 105-11	12.9	60
218	Dietary intake of lead and cadmium from foods in Tarragona Province, Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1991 , 46, 320-8	2.7	59

217	Partial replacement of fossil fuel in a cement plant: risk assessment for the population living in the neighborhood. <i>Science of the Total Environment</i> , 2010 , 408, 5372-80	10.2	58
216	Assessment of baseline levels of PCDD/F in soils in the neighbourhood of a new hazardous waste incinerator in Catalonia, Spain. <i>Chemosphere</i> , 1997 , 35, 1947-58	8.4	58
215	Comparing dietary and non-dietary source contribution of BPA and DEHP to prenatal exposure: A Catalonia (Spain) case study. <i>Environmental Research</i> , 2018 , 166, 25-34	7.9	58
214	Human exposure to trace elements through the skin by direct contact with clothing: Risk assessment. <i>Environmental Research</i> , 2015 , 140, 308-16	7.9	57
213	The impact of climate change on water provision under a low flow regime: a case study of the ecosystems services in the Francoli river basin. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 224-32	12.8	57
212	Zinc and copper levels in serum and urine: relationship to biological, habitual and environmental factors. <i>Science of the Total Environment</i> , 1994 , 148, 67-72	10.2	55
211	PBPK modeling for PFOS and PFOA: validation with human experimental data. <i>Toxicology Letters</i> , 2014 , 230, 244-51	4.4	54
210	PCDD/F concentrations in milk of nonoccupationally exposed women living in southern Catalonia, Spain. <i>Chemosphere</i> , 1999 , 38, 995-1004	8.4	54
209	Evaluating the environmental impact of an old municipal waste incinerator: PCDD/F levels in soil and vegetation samples. <i>Journal of Hazardous Materials</i> , 2000 , 76, 1-12	12.8	53
208	Health risk assessment of emissions of dioxins and furans from a municipal waste incinerator: comparison with other emission sources. <i>Environment International</i> , 2004 , 30, 481-9	12.9	52
207	Air quality, health impacts and burden of disease due to air pollution (PM, PM, NO and O): Application of AirQ+ model to the Camp de Tarragona County (Catalonia, Spain). <i>Science of the Total Environment</i> , 2020 , 703, 135538	10.2	52
206	Health risks of the occupational exposure to microbiological and chemical pollutants in a municipal waste organic fraction treatment plant. <i>International Journal of Hygiene and Environmental Health</i> , 2009 , 212, 661-9	6.9	51
205	Monitoring PCDD/Fs, PCBs and metals in the ambient air of an industrial area of Catalonia, Spain. <i>Chemosphere</i> , 2008 , 73, 990-8	8.4	51
204	Human health risks of petroleum-contaminated groundwater. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 278-88	5.1	51
203	A neural-fuzzy approach to classify the ecological status in surface waters. <i>Environmental Pollution</i> , 2007 , 148, 634-41	9.3	51
202	Risk assessment of metals from consuming vegetables, fruits and rice grown on soils irrigated with waters of the Ebro River in Catalonia, Spain. <i>Biological Trace Element Research</i> , 2008 , 123, 66-79	4.5	49
201	Human exposure to environmental pollutants after a tire landfill fire in Spain: Health risks. <i>Environment International</i> , 2016 , 97, 37-44	12.9	48
200	Trace element pollution of soils collected near a municipal solid waste incinerator: human health risk. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1997 , 59, 861-7	2.7	48

199	Analysis of the uncertainty in the monetary valuation of ecosystem services--A case study at the river basin scale. <i>Science of the Total Environment</i> , 2016 , 543, 683-690	10.2	46
198	Human exposure to metals: levels in autopsy tissues of individuals living near a hazardous waste incinerator. <i>Biological Trace Element Research</i> , 2014 , 159, 15-21	4.5	46
197	Monitoring metals in the vicinity of a municipal waste incinerator: temporal variation in soils and vegetation. <i>Science of the Total Environment</i> , 1999 , 226, 157-64	10.2	46
196	Concentrations of lead and cadmium in edible vegetables from Tarragona Province, Spain. <i>Science of the Total Environment</i> , 1990 , 95, 61-7	10.2	46
195	Main components and human health risks assessment of PM10, PM2.5, and PM1 in two areas influenced by cement plants. <i>Atmospheric Environment</i> , 2015 , 120, 109-116	5.3	45
194	Environmental monitoring of metals, PCDD/Fs and PCBs as a complementary tool of biological surveillance to assess human health risks. <i>Chemosphere</i> , 2010 , 80, 1183-9	8.4	45
193	Biological monitoring of metals and organic substances in hazardous-waste incineration workers. <i>International Archives of Occupational and Environmental Health</i> , 2002 , 75, 500-6	3.2	45
192	Atmospheric deposition of PCDD/Fs near an old municipal solid waste incinerator: levels in soil and vegetation. <i>Chemosphere</i> , 2000 , 40, 593-600	8.4	45
191	Health risks for the population living in the vicinity of an Integrated Waste Management Facility: screening environmental pollutants. <i>Science of the Total Environment</i> , 2015 , 518-519, 363-70	10.2	44
190	Concentrations of polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in milk of women from Catalonia, Spain. <i>Chemosphere</i> , 2007 , 67, S295-300	8.4	44
189	Biomarkers of exposure in environment-wide association studies - Opportunities to decode the exposome using human biomonitoring data. <i>Environmental Research</i> , 2018 , 164, 597-624	7.9	43
188	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 918-33	5.1	43
187	Monitoring metals in blood and hair of the population living near a hazardous waste incinerator: temporal trend. <i>Biological Trace Element Research</i> , 2009 , 128, 191-9	4.5	43
186	Environmental impact and human health risks of polychlorinated dibenzo-p-dioxins and dibenzofurans in the vicinity of a new hazardous waste incinerator: a case study. <i>Environmental Science & Technology</i> , 2006 , 40, 61-6	10.3	43
185	The development of a pregnancy PBPK Model for Bisphenol A and its evaluation with the available biomonitoring data. <i>Science of the Total Environment</i> , 2018 , 624, 55-68	10.2	42
184	In vitro tests to assess toxic effects of airborne PM(10) samples. Correlation with metals and chlorinated dioxins and furans. <i>Science of the Total Environment</i> , 2013 , 443, 791-7	10.2	42
183	Trends in the levels of metals in soils and vegetation samples collected near a hazardous waste incinerator. <i>Archives of Environmental Contamination and Toxicology</i> , 2005 , 49, 290-8	3.2	41
182	PCDD/F levels in the neighbourhood of a municipal solid waste incinerator after introduction of technical improvements in the facility. <i>Environment International</i> , 2002 , 28, 19-27	12.9	41

181	Multivariate data evaluation of PCB and dioxin profiles in the general population in Sweden and Spain. <i>Chemosphere</i> , 2000 , 40, 1083-8	8.4	41
180	Dietary intake of copper, chromium and zinc in Tarragona Province, Spain. <i>Science of the Total Environment</i> , 1993 , 132, 3-10	10.2	41
179	Lead in children's hair, as related to exposure in Tarragona Province, Spain. <i>Science of the Total Environment</i> , 1991 , 104, 167-73	10.2	41
178	Temporal trends in the levels of metals, PCDD/Fs and PCBs in the vicinity of a municipal solid waste incinerator. Preliminary assessment of human health risks. <i>Waste Management</i> , 2015 , 43, 168-75	8.6	40
177	Influence of UV-B Radiation and Temperature on Photodegradation of PAHs: Preliminary Results. <i>Journal of Atmospheric Chemistry</i> , 2006 , 55, 241-252	3.2	40
176	Monitoring environmental pollutants in the vicinity of a cement plant: a temporal study. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 60, 372-84	3.2	39
175	Definition and GIS-based characterization of an integral risk index applied to a chemical/petrochemical area. <i>Chemosphere</i> , 2006 , 64, 1526-35	8.4	39
174	Health risk assessment of PCDD/PCDF exposure for the population living in the vicinity of a municipal waste incinerator. <i>Archives of Environmental Contamination and Toxicology</i> , 2002 , 43, 461-5	3.2	38
173	Dioxin and dibenzofuran concentrations in adipose tissue of a general population from Tarragona, Spain. <i>Chemosphere</i> , 1999 , 38, 2475-87	8.4	38
172	Seasonal surveillance of airborne PCDD/Fs, PCBs and PCNs using passive samplers to assess human health risks. <i>Science of the Total Environment</i> , 2014 , 466-467, 733-40	10.2	37
171	Monitoring dioxins and furans in a population living near a hazardous waste incinerator: levels in breast milk. <i>Chemosphere</i> , 2004 , 57, 43-9	8.4	37
170	Congener profiles of PCDD/Fs in soil and vegetation samples collected near to a municipal waste incinerator. <i>Chemosphere</i> , 2001 , 43, 517-24	8.4	37
169	Review on crosstalk and common mechanisms of endocrine disruptors: Scaffolding to improve PBPK/PD model of EDC mixture. <i>Environment International</i> , 2017 , 99, 1-14	12.9	36
168	Levels of dioxins and furans in plasma of nonoccupationally exposed subjects living near a hazardous waste incinerator. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005 , 15, 29-34	6.7	36
167	PCDD/F and metal concentrations in soil and herbage samples collected in the vicinity of a cement plant. <i>Chemosphere</i> , 2002 , 48, 209-17	8.4	36
166	Environmental levels of PCDD/Fs and metals around a cement plant in Catalonia, Spain, before and after alternative fuel implementation. Assessment of human health risks. <i>Science of the Total Environment</i> , 2014 , 485-486, 121-129	10.2	35
165	Application of self-organizing maps for PCDD/F pattern recognition of environmental and biological samples to evaluate the impact of a hazardous waste incinerator. <i>Environmental Science & Technology</i> , 2010 , 44, 3162-8	10.3	35
164	Inferences over the sources and processes affecting polycyclic aromatic hydrocarbons in the atmosphere derived from measured data. <i>Science of the Total Environment</i> , 2010 , 408, 2387-93	10.2	35

163	Exposure to Metals through the Consumption of Fish and Seafood by the Population Living Near the Ebro River in Catalonia, Spain: Health Risks. <i>Human and Ecological Risk Assessment (HERA)</i> , 2008 , 14, 780-795	4.9	35
162	Probabilistic human health risk of PCDD/F exposure: a socioeconomic assessment. <i>Journal of Environmental Monitoring</i> , 2004 , 6, 926-31		35
161	Levels of metals and organic substances in blood and urine of workers at a new hazardous waste incinerator. <i>International Archives of Occupational and Environmental Health</i> , 2001 , 74, 263-9	3.2	35
160	Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: the Ebro river basin case study. <i>Science of the Total Environment</i> , 2015 , 503-504, 269-78	10.2	34
159	Modification of an environmental surveillance program to monitor PCDD/Fs and metals around a municipal solid waste incinerator. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009 , 44, 1343-52	2.3	34
158	Patterns of PCDDs and PCDFs in human milk and food and their characterization by artificial neural networks. <i>Chemosphere</i> , 2004 , 54, 1375-82	8.4	34
157	Monitoring metals in the population living in the vicinity of a hazardous waste incinerator: levels in hair of school children. <i>Biological Trace Element Research</i> , 2005 , 104, 203-13	4.5	34
156	Levels of PCDD/Fs, PCBs and PBDEs in breast milk of women living in the vicinity of a hazardous waste incinerator: assessment of the temporal trend. <i>Chemosphere</i> , 2013 , 93, 1533-40	8.4	33
155	PCDD/F and non-ortho PCB concentrations in adipose tissue of individuals living in the vicinity of a hazardous waste incinerator. <i>Chemosphere</i> , 2004 , 57, 357-64	8.4	33
154	PCDD/F concentrations in soil and vegetation in the vicinity of a municipal waste incinerator after a pronounced decrease in the emissions of PCDD/Fs from the facility. <i>Chemosphere</i> , 2001 , 43, 217-26	8.4	32
153	Two Decades of Environmental Surveillance in the Vicinity of a Waste Incinerator: Human Health Risks Associated with Metals and PCDD/Fs. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 241-53	3.2	31
152	A spatial multicriteria decision making tool to define the best agricultural areas for sewage sludge amendment. <i>Environment International</i> , 2012 , 38, 1-9	12.9	31
151	Dietary intake of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) by a population living in the vicinity of a hazardous waste incinerator: assessment of the temporal trend. <i>Environment International</i> , 2012 , 50, 22-30	12.9	31
150	Water allocation assessment in low flow river under data scarce conditions: a study of hydrological simulation in Mediterranean basin. <i>Science of the Total Environment</i> , 2012 , 440, 60-71	10.2	31
149	Concentrations of PCDD/PCDFs in plasma of subjects living in the vicinity of a hazardous waste incinerator: follow-up and modeling validation. <i>Chemosphere</i> , 2008 , 73, 901-6	8.4	31
148	Mercury concentrations in marine species from the coastal area of Tarragona Province, Spain. Dietary intake of mercury through fish and seafood consumption. <i>Science of the Total Environment</i> , 1994 , 156, 269-73	10.2	31
147	An approach to assess the Particulate Matter exposure for the population living around a cement plant: modelling indoor air and particle deposition in the respiratory tract. <i>Environmental Research</i> , 2015 , 143, 10-8	7.9	30
146	Estimating the environmental impact of micro-pollutants in the low Ebro River (Spain): an approach based on screening toxicity with <i>Vibrio fischeri</i> . <i>Chemosphere</i> , 2008 , 72, 715-21	8.4	30

145	Baseline levels of PCDD/Fs in soil and herbage samples collected in the vicinity of a new hazardous waste incinerator in Catalonia, Spain. <i>Chemosphere</i> , 2002 , 46, 1343-50	8.4	30
144	A design of two simple models to predict PCDD/F concentrations in vegetation and soils. <i>Chemosphere</i> , 2002 , 46, 1393-402	8.4	30
143	Adaptation strategies for water supply management in a drought prone Mediterranean river basin: Application of outranking method. <i>Science of the Total Environment</i> , 2016 , 540, 344-57	10.2	29
142	Human biomonitoring to evaluate exposure to toxic and essential trace elements during pregnancy. Part A. concentrations in maternal blood, urine and cord blood. <i>Environmental Research</i> , 2019 , 177, 108599	7.9	29
141	Levels of PCDD/Fs in soil samples in the vicinity of a municipal solid waste incinerator. <i>Chemosphere</i> , 1998 , 37, 2127-37	8.4	29
140	Temporal variation of PCDD/F concentrations in vegetation samples collected in the vicinity of a municipal waste incinerator (1996-1997). <i>Science of the Total Environment</i> , 1998 , 218, 175-83	10.2	29
139	Metal bioavailability in freshwater sediment samples and their influence on ecological status of river basins. <i>Science of the Total Environment</i> , 2016 , 540, 287-96	10.2	28
138	Comparative In Vitro Toxicity Evaluation of Heavy Metals (Lead, Cadmium, Arsenic, and Methylmercury) on HT-22 Hippocampal Cell Line. <i>Biological Trace Element Research</i> , 2018 , 184, 226-239	4.5	28
137	Health risks of environmental exposure to metals and herbicides in the Pardo River, Brazil. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 20160-20172	5.1	28
136	Levels of metals and PCDD/Fs in the vicinity of a cement plant: assessment of human health risks. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011 , 46, 1075-84	2.3	28
135	PCDD/Fs in soil samples collected in the vicinity of a municipal solid waste incinerator: human health risks. <i>Archives of Environmental Contamination and Toxicology</i> , 1997 , 33, 239-46	3.2	28
134	Monitoring PAHs in the petrochemical area of Tarragona County, Spain: comparing passive air samplers with lichen transplants. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11890-11900	5.1	27
133	Prenatal exposure to PFOS and PFOA in a pregnant women cohort of Catalonia, Spain. <i>Environmental Research</i> , 2019 , 175, 384-392	7.9	27
132	Prenatal exposure estimation of BPA and DEHP using integrated external and internal dosimetry: A case study. <i>Environmental Research</i> , 2017 , 158, 566-575	7.9	27
131	Cost-benefit analysis of using sewage sludge as alternative fuel in a cement plant: a case study. <i>Environmental Science and Pollution Research</i> , 2009 , 16, 322-8	5.1	26
130	Application of cattle manure as fertilizer in pastureland: estimating the incremental risk due to metal accumulation employing a multicompartiment model. <i>Environment International</i> , 2006 , 32, 724-32	12.9	26
129	Spatial distribution and temporal variation of metals in the vicinity of a municipal solid waste incinerator after a modernization of the flue gas cleaning systems of the facility. <i>Science of the Total Environment</i> , 2002 , 284, 205-14	10.2	26
128	Trace elements in skin-contact clothes and migration to artificial sweat: Risk assessment of human dermal exposure. <i>Textile Reseach Journal</i> , 2017 , 87, 726-738	1.7	25

127	An in vitro cytotoxic approach to assess the toxicity of heavy metals and their binary mixtures on hippocampal HT-22 cell line. <i>Toxicology Letters</i> , 2018 , 282, 25-36	4.4	25
126	Levels of PCDDs and PCDFs in grasses and weeds collected near a municipal solid waste incinerator. <i>Science of the Total Environment</i> , 1997 , 201, 53-62	10.2	25
125	Air-vegetation transfer of PCDD/PCDFs: an assessment of field data and implications for modeling. <i>Environmental Pollution</i> , 2006 , 142, 143-50	9.3	25
124	PCDD/PCDF congener profiles in soil and herbage samples collected in the vicinity of a municipal waste incinerator before and after pronounced reductions of PCDD/PCDF emissions from the facility. <i>Chemosphere</i> , 2002 , 49, 153-9	8.4	25
123	Partitioning total variance in risk assessment: Application to a municipal solid waste incinerator. <i>Environmental Modelling and Software</i> , 2009 , 24, 247-261	5.2	24
122	Annual variation in the levels of metals and PCDD/PCDFs in soil and herbage samples collected near a cement plant. <i>Environment International</i> , 2003 , 29, 415-21	12.9	24
121	Development of a human physiologically based pharmacokinetic (PBPK) model for phthalate (DEHP) and its metabolites: A bottom up modeling approach. <i>Toxicology Letters</i> , 2018 , 296, 152-162	4.4	24
120	Tracking polycyclic aromatic hydrocarbons in lichens: It's all about the algae. <i>Environmental Pollution</i> , 2015 , 207, 441-5	9.3	23
119	Prediction of the bioavailability of potentially toxic elements in freshwaters. Comparison between speciation models and passive samplers. <i>Science of the Total Environment</i> , 2017 , 605-606, 211-218	10.2	23
118	A fuzzy expert system for soil characterization. <i>Environment International</i> , 2008 , 34, 950-8	12.9	23
117	Monitoring metals near a hazardous waste incinerator. Temporal trend in soils and herbage. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 130-4	2.7	23
116	Health risks for the population living near petrochemical industrial complexes. 2. Adverse health outcomes other than cancer. <i>Science of the Total Environment</i> , 2020 , 730, 139122	10.2	22
115	High cancer risks by exposure to PCDD/Fs in the neighborhood of an Integrated Waste Management Facility. <i>Science of the Total Environment</i> , 2017 , 607-608, 63-68	10.2	22
114	PCDD/F levels in the vicinity of an old municipal solid waste incinerator: temporal variation in soils. <i>Archives of Environmental Contamination and Toxicology</i> , 1999 , 36, 377-83	3.2	22
113	Urinary cadmium levels during pregnancy and postpartum. A longitudinal study. <i>Biological Trace Element Research</i> , 1996 , 53, 205-12	4.5	22
112	Autopsy tissues as biological monitors of human exposure to environmental pollutants. A case study: Concentrations of metals and PCDD/Fs in subjects living near a hazardous waste incinerator. <i>Environmental Research</i> , 2017 , 154, 269-274	7.9	21
111	Concentrations of dioxins and furans in breast milk of women living near a hazardous waste incinerator in Catalonia, Spain. <i>Environment International</i> , 2019 , 125, 334-341	12.9	21
110	Concentrations of trace elements and PCDD/Fs around a municipal solid waste incinerator in Girona (Catalonia, Spain). Human health risks for the population living in the neighborhood. <i>Science of the Total Environment</i> , 2018 , 630, 34-45	10.2	21

109	Differential protein expression of hippocampal cells associated with heavy metals (Pb, As, and MeHg) neurotoxicity: Deepening into the molecular mechanism of neurodegenerative diseases. <i>Journal of Proteomics</i> , 2018 , 187, 106-125	3.9	21
108	Integrated study of metal behavior in Mediterranean stream ecosystems: a case-study. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 122-30	12.8	21
107	Integrated Risk Index of Chemical Aquatic Pollution (IRICAP): case studies in Iberian rivers. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 187-96	12.8	21
106	Human Health Risk Assessment for Environmental Exposure to Metals in the Catalan Stretch of the Ebro River, Spain. <i>Human and Ecological Risk Assessment (HERA)</i> , 2009 , 15, 604-623	4.9	21
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