Marta Schuhmacher

List of Publications by Year
in descending order

259 papers	12,127 citations	30070 54 h-index	42399 92 g-index
262 all docs	262 docs citations	262 times ranked	11772 citing authors

#	Article	IF	Citations
1	Emerging and legacy flame retardants in indoor air and dust samples of Tarragona Province (Catalonia, Spain). Science of the Total Environment, 2022, 806, 150494.	8.0	31
2	Framework for risk assessment of PFAS utilizing experimental studies and in-silico models. Environmental Research, 2022, 208, 112722.	7.5	1
3	Impact of Contaminants on Microbiota: Linking the Gutâ€"Brain Axis with Neurotoxicity. International Journal of Environmental Research and Public Health, 2022, 19, 1368.	2.6	34
4	Mixture of environmental pollutants in breast milk from a Spanish cohort of nursing mothers. Environment International, 2022, 166, 107375.	10.0	31
5	Performance of Chlorella Vulgaris Exposed to Heavy Metal Mixtures: Linking Measured Endpoints and Mechanisms. International Journal of Environmental Research and Public Health, 2021, 18, 1037.	2.6	15
6	Environmental levels and human health risks of metals and PCDD/Fs near cement plants co-processing alternative fuels in Catalonia, NE Spain: a mini-review. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 379-385.	1.7	0
7	Characterization of river biofilm responses to the exposure with heavy metals using a novel micro fluorometer biosensor. Aquatic Toxicology, 2021, 231, 105732.	4.0	6
8	Characterization of airborne particles and cytotoxicity to a human lung cancer cell line in Guangzhou, China. Environmental Research, 2021, 196, 110953.	7.5	14
9	Risk Assessment of Perfluorooctane Sulfonate (PFOS) using Dynamic Age Dependent Physiologically based Pharmacokinetic Model (PBPK) across Human Lifetime. Environmental Research, 2021, 199, 111287.	7.5	12
10	EXHES study reveals the impact of prenatal exposure to metals, PFASs, organophosphates, and organochlorines on early child development. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
11	Microplastics levels, size, morphology and composition in marine water, sediments and sand beaches. Case study of Tarragona coast (western Mediterranean). Science of the Total Environment, 2021, 786, 147453.	8.0	50
12	Environmental impact and human health risks of air pollutants near a large chemical/petrochemical complex: Case study in Tarragona, Spain. Science of the Total Environment, 2021, 787, 147550.	8.0	27
13	Dietary Habits and Relationship with the Presence of Main and Trace Elements, Bisphenol A, Tetrabromobisphenol A, and the Lipid, Microbiological and Immunological Profiles of Breast Milk. Nutrients, 2021, 13, 4346.	4.1	5
14	EDC-induced mechanisms of immunotoxicity: a systematic review. Critical Reviews in Toxicology, 2021, 51, 634-652.	3.9	11
15	The Role of Iron Oxide on the Photodegradation of Polycyclic Aromatic Hydrocarbons: Characterization and Toxicity. Polycyclic Aromatic Compounds, 2020, 40, 524-534.	2.6	13
16	Human biomonitoring to evaluate exposure to toxic and essential trace elements during pregnancy. Part B: Predictors of exposure. Environmental Research, 2020, 182, 109108.	7.5	36
17	Organophosphate metabolite concentrations in maternal urine during pregnancy. Environmental Research, 2020, 182, 109003.	7.5	9
18	Changes of organochlorine compound concentrations in maternal serum during pregnancy and comparison to serum cord blood composition. Environmental Research, 2020, 182, 108994.	7.5	17

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19	Air quality, health impacts and burden of disease due to air pollution (PM10, PM2.5, NO2 and O3): Application of AirQ+ model to the Camp de Tarragona County (Catalonia, Spain). Science of the Total Environment, 2020, 703, 135538.	8.0	102
20	Development and evaluation of a harmonized whole body physiologically based pharmacokinetic (PBPK) model for flutamide in rats and its extrapolation to humans. Environmental Research, 2020, 182, 108948.	7.5	12
21	Population exposure to particulate-matter and related mortality due to the Portuguese wildfires in October 2017 driven by storm Ophelia. Environment International, 2020, 144, 106056.	10.0	25
22	Health risks for the population living near petrochemical industrial complexes. 2. Adverse health outcomes other than cancer. Science of the Total Environment, 2020, 730, 139122.	8.0	54
23	Adverse health effects for populations living near waste incinerators with special attention to hazardous waste incinerators. A review of the scientific literature. Environmental Research, 2020, 187, 109631.	7.5	42
24	An integrative translational framework for chemical induced neurotoxicity â€“ a systematic review. Critical Reviews in Toxicology, 2020, 50, 424-438.	3.9	12
25	A systems toxicology approach to compare the heavy metal mixtures (Pb, As, MeHg) impact in neurodegenerative diseases. Food and Chemical Toxicology, 2020, 139, 111257.	3.6	26
26	Multi-box mass balance model of PFOA and PFOS in different regions of San Francisco Bay. Chemosphere, 2020, 252, 126454.	8.2	8
27	Trace Elements in Blood of the Population Living near a Hazardous Waste Incinerator in Catalonia, Spain. Biological Trace Element Research, 2020, 198, 37-45.	3.5	8
28	Health risks for the population living near petrochemical industrial complexes. 1. Cancer risks: A review of the scientific literature. Environmental Research, 2020, 186, 109495.	7.5	41
29	Metals in biological tissues of the population living near a hazardous waste incinerator in Catalonia, Spain: Two decades of follow-up. Environmental Research, 2019, 176, 108578.	7.5	6
30	Human biomonitoring to evaluate exposure to toxic and essential trace elements during pregnancy. Part A. concentrations in maternal blood, urine and cord blood.. Environmental Research, 2019, 177, 108599.	7.5	66
31	Characterization and risk assessment of total suspended particles (TSP) and fine particles (PM2.5) in a rural transformational e-waste recycling region of Southern China. Science of the Total Environment, 2019, 692, 432-440.	8.0	15
32	Biomonitoring of Trace Elements in Hair of Schoolchildren Living Near a Hazardous Waste Incineratorâ€”A 20 Years Follow-Up. Toxics, 2019, 7, 52.	3.7	26
33	Physiology-based toxicokinetic modelling in the frame of the European Human Biomonitoring Initiative. Environmental Research, 2019, 172, 216-230.	7.5	15
34	Prenatal exposure to PFOS and PFOA in a pregnant women cohort of Catalonia, Spain. Environmental Research, 2019, 175, 384-392.	7.5	41
35	Seasonal characterization and dosimetry-assisted risk assessment of indoor particulate matter (PM10-2.5, PM2.5-0.25, and PM0.25) collected in different schools. Environmental Research, 2019, 175, 287-296.	7.5	29
36	Soil and indoor dust as environmental media of human exposure to As, Cd, Cu, and Pb near a copper smelter in central Chile. Journal of Trace Elements in Medicine and Biology, 2019, 54, 156-162.	3.0	32

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37	Monitoring dioxins and furans in plasma of individuals living near a hazardous waste incinerator: Temporal trend after 20 years. Environmental Research, 2019, 173, 207-211.	7.5	24
38	Concentrations of dioxins and furans in breast milk of women living near a hazardous waste incinerator in Catalonia, Spain. Environment International, 2019, 125, 334-341.	10.0	39
39	Early-life intake of major trace elements, bisphenol A, tetrabromobisphenol A and fatty acids: Comparing human milk and commercial infant formulas. Environmental Research, 2019, 169, 246-255.	7.5	34
40	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. Science of the Total Environment, 2018, 630, 34-45.	8.0	37
41	Biomarkers of exposure in environment-wide association studies â€“ Opportunities to decode the exposome using human biomonitoring data. Environmental Research, 2018, 164, 597-624.	7.5	60
42	The development of a pregnancy PBPK Model for Bisphenol A and its evaluation with the available biomonitoring data. Science of the Total Environment, 2018, 624, 55-68.	8.0	57
43	Main components of PM10 in an area influenced by a cement plant in Catalonia, Spain: Seasonal and daily variations. Environmental Research, 2018, 165, 201-209.	7.5	20
44	Multi-component determination of atmospheric semi-volatile organic compounds in soils and vegetation from Tarragona County, Catalonia, Spain. Science of the Total Environment, 2018, 631-632, 1138-1152.	8.0	17
45	Comparative In Vitro Toxicity Evaluation of Heavy Metals (Lead, Cadmium, Arsenic, and Methylmercury) on HT-22 Hippocampal Cell Line. Biological Trace Element Research, 2018, 184, 226-239.	3.5	34
46	An in vitro cytotoxic approach to assess the toxicity of heavy metals and their binary mixtures on hippocampal HT-22 cell line. Toxicology Letters, 2018, 282, 25-36.	0.8	31
47	Temporal trend in the levels of polycyclic aromatic hydrocarbons emitted in a big tire landfill fire in Spain: Risk assessment for human health. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 222-229.	1.7	11
48	Comparing dietary and non-dietary source contribution of BPA and DEHP to prenatal exposure: A Catalonia (Spain) case study. Environmental Research, 2018, 166, 25-34.	7.5	78
49	Development of a human physiologically based pharmacokinetic (PBPK) model for phthalate (DEHP) and its metabolites: A bottom up modeling approach. Toxicology Letters, 2018, 296, 152-162.	0.8	30
50	Partial replacement of fossil fuels in a cement plant: Assessment of human health risks by metals, metalloids and PCDD/Fs. Environmental Research, 2018, 167, 191-197.	7.5	16
51	Concentrations of PCDD/Fs in the neighborhood of a hazardous waste incinerator: human health risks. Environmental Science and Pollution Research, 2018, 25, 26470-26481.	5.3	13
52	Differential protein expression of hippocampal cells associated with heavy metals (Pb, As, and MeHg) neurotoxicity: Deepening into the molecular mechanism of neurodegenerative diseases. Journal of Proteomics, 2018, 187, 106-125.	2.4	38
53	In-vitro metabolomics to evaluate toxicity of particulate matter under environmentally realistic conditions. Chemosphere, 2018, 209, 137-146.	8.2	19
54	Contamination by Coal Dust in the Neighborhood of the Tarragona Harbor (Catalonia, Spain): A Preliminary Study. The Open Atmospheric Science Journal, 2018, 12, 14-20.	0.5	7

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55	PARTICULATE MATTER SOURCE APPORTIONMENT IN COMPLEX URBAN AND INDUSTRIAL CITIES: THE CASE OF TARRAGONA, SPAIN. , 2018, , .		3
56	Monitoring PAHs in the petrochemical area of Tarragona County, Spain: comparing passive air samplers with lichen transplants. Environmental Science and Pollution Research, 2017, 24, 11890-11900.	5.3	35
57	Trace elements in skin-contact clothes and migration to artificial sweat: Risk assessment of human dermal exposure. Textile Reseach Journal, 2017, 87, 726-738.	2.2	42
58	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. Environmental Research, 2017, 154, 269-274.	7.5	28
59	Performance of Raphidocelis subcapitata exposed to heavy metal mixtures. Science of the Total Environment, 2017, 601-602, 865-873.	8.0	24
60	Environmental trends of metals and PCDD/Fs around a cement plant after alternative fuel implementation: human health risk assessment. Environmental Sciences: Processes and Impacts, 2017, 19, 917-927.	3.5	9
61	Home textile as a potential pathway for dermal exposure to trace elements: assessment of health risks. Journal of the Textile Institute, 2017, 108, 1966-1974.	1.9	17
62	Prenatal exposure estimation of BPA and DEHP using integrated external and internal dosimetry: A case study. Environmental Research, 2017, 158, 566-575.	7.5	39
63	Developing integrated PBPK/PD coupled mechanistic pathway model (miRNA-BDNF): An approach towards system toxicology. Toxicology Letters, 2017, 280, 79-91.	0.8	17
64	Development and validation of PBPK model for DEHP and its metabolites: Application to cohort and caseâ€“control studies. Toxicology Letters, 2017, 280, S284.	0.8	0
65	Health risks of environmental exposure to metals and herbicides in the Pardo River, Brazil. Environmental Science and Pollution Research, 2017, 24, 20160-20172.	5.3	38
66	High cancer risks by exposure to PCDD/Fs in the neighborhood of an Integrated Waste Management Facility. Science of the Total Environment, 2017, 607-608, 63-68.	8.0	33
67	Prediction of the bioavailability of potentially toxic elements in freshwaters. Comparison between speciation models and passive samplers. Science of the Total Environment, 2017, 605-606, 211-218.	8.0	33
68	Review on crosstalk and common mechanisms of endocrine disruptors: Scaffolding to improve PBPK/PD model of EDC mixture. Environment International, 2017, 99, 1-14.	10.0	41
69	Long-term amendment of soils with compost and pig manure: effects on soil function, production and health risk assessment. Acta Horticulturae, 2016, , 199-212.	0.2	4
70	Heavy metals (Pb, Cd, As and MeHg) as risk factors for cognitive dysfunction: A general review of metal mixture mechanism in brain. Environmental Toxicology and Pharmacology, 2016, 48, 203-213.	4.0	334
71	Application of the Multimedia Urban Model to estimate the emissions and environmental fate of PAHs in Tarragona County, Catalonia, Spain. Science of the Total Environment, 2016, 573, 1622-1629.	8.0	24
72	Alternative Fuel Implementation in a Cement Plant: Human Health Risks and Economical Valuation. Archives of Environmental Contamination and Toxicology, 2016, 71, 473-484.	4.1	13

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73	Human exposure to environmental pollutants after a tire landfill fire in Spain: Health risks. Environment International, 2016, 97, 37-44.	10.0	78
74	Human health risks of formaldehyde indoor levels: An issue of concern. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 357-363.	1.7	93
75	Influence of the uncertainty in the validation of PBPK models: A case-study for PFOS and PFOA. Regulatory Toxicology and Pharmacology, 2016, 77, 230-239.	2.7	20
76	River conservation under multiple stressors: Integration of ecological status, pollution and hydrological variability. Science of the Total Environment, 2016, 540, 1-2.	8.0	7
77	Size-distribution of airborne polycyclic aromatic hydrocarbons and other organic source markers in the surroundings of a cement plant powered with alternative fuels. Science of the Total Environment, 2016, 550, 1057-1064.	8.0	22
78	Assessment of PAH loss in passive air samplers by the effect of temperature. Atmospheric Pollution Research, 2016, 7, 142-146.	3.8	7
79	Concentrations of metals and PCDD/Fs and human health risks in the vicinity of a hazardous waste landfill: A follow-up study. Human and Ecological Risk Assessment (HERA), 2016, 22, 519-531.	3.4	9
80	Analysis of the uncertainty in the monetary valuation of ecosystem services â€" A case study at the river basin scale. Science of the Total Environment, 2016, 543, 683-690.	8.0	60
81	Presence of PAHs in water and sediments of the Colombian Cauca River during heavy rain episodes, and implications for risk assessment. Science of the Total Environment, 2016, 540, 455-465.	8.0	174
82	Adaptation strategies for water supply management in a drought prone Mediterranean river basin: Application of outranking method. Science of the Total Environment, 2016, 540, 344-357.	8.0	37
83	Metal bioavailability in freshwater sediment samples and their influence on ecological status of river basins. Science of the Total Environment, 2016, 540, 287-296.	8.0	31
84	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. Science of the Total Environment, 2016, 540, 297-306.	8.0	102
85	Source Apportionment of Inorganic and Organic PM in the Ambient Air around a Cement Plant: Assessment of Complementary Tools. Aerosol and Air Quality Research, 2016, 16, 3230-3242.	2.1	15
86	Two Decades of Environmental Surveillance in the Vicinity of a Waste Incinerator: Human Health Risks Associated with Metals and PCDD/Fs. Archives of Environmental Contamination and Toxicology, 2015, 69, 241-253.	4.1	38
87	Long-Term Environmental Surveillance and Health Risks of Metals and PCDD/Fs Around a Cement Plant in Catalonia, Spain. Human and Ecological Risk Assessment (HERA), 2015, 21, 514-532.	3.4	13
88	Physiologically based pharmacokinetic modeling of perfluoroalkyl substances in the human body. Toxicological and Environmental Chemistry, 2015, 97, 814-827.	1.2	16
89	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. Waste Management, 2015, 43, 168-175.	7.4	53
90	Human exposure to trace elements through the skin by direct contact with clothing: Risk assessment. Environmental Research, 2015, 140, 308-316.	7.5	88

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91	Health risks for the population living in the vicinity of an Integrated Waste Management Facility: Screening environmental pollutants. Science of the Total Environment, 2015, 518-519, 363-370.	8.0	55
92	Traffic-related air pollution biomonitoring with Tradescantia pallida (Rose) Hunt. cv. purpurea Boom in Brazil. Environmental Monitoring and Assessment, 2015, 187, 39.	2.7	22
93	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. Environmental Research, 2015, 143, 10-18.	7.5	40
94	Main components and human health risks assessment of PM10, PM2.5, and PM1 in two areas influenced by cement plants. Atmospheric Environment, 2015, 120, 109-116.	4.1	64
95	Tracking polycyclic aromatic hydrocarbons in lichens: It's all about the algae. Environmental Pollution, 2015, 207, 441-445.	7.5	27
96	Environmental Concentrations of Metals in the Catalan Stretch of the Ebro River, Spain: Assessment of Temporal Trends. Biological Trace Element Research, 2015, 163, 48-57.	3.5	8
97	Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: the Ebro river basin case study. Science of the Total Environment, 2015, 503-504, 269-278.	8.0	40
98	Concentrations of trace elements in the hair of children living near a hazardous waste incinerator in Catalonia, Spain. Trace Elements and Electrolytes, 2015, 32, 43-51.	0.1	6
99	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. Science of the Total Environment, 2014, 485-486, 121-129.	8.0	41
100	Seasonal surveillance of airborne PCDD/Fs, PCBs and PCNs using passive samplers to assess human health risks. Science of the Total Environment, 2014, 466-467, 733-740.	8.0	39
101	Bayesian Network Application to Land Suitability Classification in the Sewage Sludge Amendment of Agricultural Soils. Human and Ecological Risk Assessment (HERA), 2014, 20, 1077-1098.	3.4	7
102	Risk assessment of indoor exposure to formaldehyde: A potential threat. Toxicology Letters, 2014, 229, S117.	0.8	0
103	A PBPK model to estimate PCDD/F levels in adipose tissue: Comparison with experimental values of residents near a hazardous waste incinerator. Environment International, 2014, 73, 150-157.	10.0	22
104	A Support Tool for Air Pollution Health Risk Management in Emerging Countries: A Case in Brazil. Human and Ecological Risk Assessment (HERA), 2014, 20, 1406-1424.	3.4	11
105	Metal concentrations in surface water and sediments from Pardo River, Brazil: Human health risks. Environmental Research, 2014, 133, 149-155.	7.5	161
106	Human Exposure to Metals: Levels in Autopsy Tissues of Individuals Living Near a Hazardous Waste Incinerator. Biological Trace Element Research, 2014, 159, 15-21.	3.5	51
107	Ecotoxicity of PAHs in Mediterranean soils: The role of photodegradation under different climate change scenarios. Toxicology Letters, 2014, 229, S117.	0.8	0
108	PBPK modeling for PFOS and PFOA: Validation with human experimental data. Toxicology Letters, 2014, 230, 244-251.	0.8	73

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109	Formaldehyde: A chemical of concern in the vicinity of MBT plants of municipal solid waste. Environmental Research, 2014, 133, 27-35.	7.5	13
110	Ecosystem services in Mediterranean river basin: Climate change impact on water provisioning and erosion control. Science of the Total Environment, 2013, 458-460, 246-255.	8.0	180
111	Water quality analysis in rivers with non-parametric probability distributions and fuzzy inference systems: Application to the Cauca River, Colombia. Environment International, 2013, 52, 17-28.	10.0	86
112	Combined use of GIS and mixed-integer linear programming for identifying optimal agricultural areas for sewage sludge amendment: A case study of Catalonia. Environmental Modelling and Software, 2013, 46, 163-169.	4.5	6
113	Dynamic interactions between hydrogeological and exposure parameters in daily dose prediction under uncertainty and temporal variability. Journal of Hazardous Materials, 2013, 263, 197-206.	12.4	7
114	In vitro tests to assess toxic effects of airborne PM10 samples. Correlation with metals and chlorinated dioxins and furans. Science of the Total Environment, 2013, 443, 791-797.	8.0	47
115	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. Journal of Hazardous Materials, 2013, 263, 224-232.	12.4	74
116	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. Chemosphere, 2013, 93, 1533-1540.	8.2	43
117	Integrated study of metal behavior in Mediterranean stream ecosystems: A case-study. Journal of Hazardous Materials, 2013, 263, 122-130.	12.4	21
118	Air Passive Sampling for the Screening of Inhalation Risks of POPs Near an Incineration Plant. Human and Ecological Risk Assessment (HERA), 2013, 19, 620-634.	3.4	6
119	Body burden monitoring of dioxins and other organic substances in workers at a hazardous waste incinerator. International Journal of Hygiene and Environmental Health, 2013, 216, 728-734.	4.3	18
120	Integrated Risk Index of Chemical Aquatic Pollution (IRICAP): Case studies in Iberian rivers. Journal of Hazardous Materials, 2013, 263, 187-196.	12.4	22
121	PCDD/Fs in Plasma of Individuals Living Near a Hazardous Waste Incinerator. A Comparison of Measured Levels and Estimated Concentrations by PBPK Modeling. Environmental Science & Technology, 2013, 47, 5971-5978.	10.0	19
122	Health Risks of Environmental Exposure to PCDD/Fs near a Hazardous Waste Incinerator in Catalonia, Spain. Journal of Risk Analysis and Crisis Response (JRACR), 2013, 3, 77.	0.3	3
123	Long-term monitoring of dioxins and furans near a municipal solid waste incinerator: human health risks. Waste Management and Research, 2012, 30, 908-916.	3.9	26
124	Sensitivity analysis of ecosystem service valuation in a Mediterranean watershed. Science of the Total Environment, 2012, 440, 140-153.	8.0	108
125	A spatial multicriteria decision making tool to define the best agricultural areas for sewage sludge amendment. Environment International, 2012, 38, 1-9.	10.0	42
126	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. Environment International, 2012, 50, 22-30.	10.0	35

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127	Concentrations of Metals in Soils in the Neighborhood of a Hazardous Waste Incinerator: Assessment of the Temporal Trends. Biological Trace Element Research, 2012, 149, 435-442.	3.5	21
128	Water allocation assessment in low flow river under data scarce conditions: A study of hydrological simulation in Mediterranean basin. Science of the Total Environment, 2012, 440, 60-71.	8.0	35
129	Toxicological and Ecotoxicological Studies for Additives. Handbook of Environmental Chemistry, 2012, , 73-89.	0.4	0
130	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. Environmental Science and Pollution Research, 2012, 19, 918-933.	5.3	46
131	A concurrent neuro-fuzzy inference system for screening the ecological risk in rivers. Environmental Science and Pollution Research, 2012, 19, 983-999.	5.3	16
132	Long-term amendment of Spanish soils with sewage sludge: Effects on soil functioning. Agriculture, Ecosystems and Environment, 2012, 158, 41-48.	5.3	148
133	Relationship between pollutant content and ecotoxicity of sewage sludges from Spanish wastewater treatment plants. Science of the Total Environment, 2012, 425, 99-109.	8.0	78
134	Environmental Pollution and Human Health Risks near a Hazardous Waste Landfill. Temporal Trends. Journal of Risk Analysis and Crisis Response (JRACR), 2012, 2, 13.	0.3	7
135	Levels of metals and PCDD/Fs in the vicinity of a cement plant: Assessment of human health risks. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 1075-1084.	1.7	30
136	Use of sewage sludge as secondary fuel in a cement plant: human health risks. Environment International, 2011, 37, 105-111.	10.0	67
137	Novel approach for assessing heavy metal pollution and ecotoxicological status of rivers by means of passive sampling methods. Environment International, 2011, 37, 671-677.	10.0	70
138	Long-term environmental monitoring of persistent organic pollutants and metals in a chemical/petrochemical area: Human health risks. Environmental Pollution, 2011, 159, 1769-1777.	7.5	104
139	Human health risk assessment of environmental and dietary exposure to natural radionuclides in the Catalan stretch of the Ebro River, Spain. Environmental Monitoring and Assessment, 2011, 175, 455-468.	2.7	15
140	Monitoring Environmental Pollutants in the Vicinity of a Cement Plant: A Temporal Study. Archives of Environmental Contamination and Toxicology, 2011, 60, 372-384.	4.1	47
141	Monitoring Environmental Levels of Trace Elements near a Hazardous Waste Incinerator. Biological Trace Element Research, 2011, 144, 1419-1429.	3.5	15
142	Health Risk Map of a Petrochemical Complex through GIS-Fuzzy Integration of Air Pollution Monitoring Data. Human and Ecological Risk Assessment (HERA), 2011, 17, 873-891.	3.4	9
143	Integrated fuzzy framework to incorporate uncertainty in risk management. International Journal of Environment and Pollution, 2010, 42, 270.	0.2	4
144	Metals in the environment: design of HRA Heavy Metals, an online system for assessing human health risks. International Journal of Environment and Health, 2010, 4, 355.	0.3	0

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145	Preference assessment for the management of sewage sludge application on agricultural soils. International Journal of Multicriteria Decision Making, 2010, 1, 4.	0.2	8
146	Monitoring Temporal Trends in Environmental Levels of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans: Results From a 10-Year Surveillance Program of a Hazardous Waste Incinerator. Archives of Environmental Contamination and Toxicology, 2010, 59, 521-531.	4.1	20
147	Inferences over the sources and processes affecting polycyclic aromatic hydrocarbons in the atmosphere derived from measured data. Science of the Total Environment, 2010, 408, 2387-2393.	8.0	45
148	Partial replacement of fossil fuel in a cement plant: Risk assessment for the population living in the neighborhood. Science of the Total Environment, 2010, 408, 5372-5380.	8.0	68
149	Environmental monitoring of metals, PCDD/Fs and PCBs as a complementary tool of biological surveillance to assess human health risks. Chemosphere, 2010, 80, 1183-1189.	8.2	51
150	Dietary Exposure to Organochlorine Compounds in Tarragona Province (Catalonia, Spain): Health Risks. Human and Ecological Risk Assessment (HERA), 2010, 16, 588-602.	3.4	14
151	Application of Self-Organizing Maps for PCDD/F Pattern Recognition of Environmental and Biological Samples to Evaluate the Impact of a Hazardous Waste Incinerator. Environmental Science & Technology, 2010, 44, 3162-3168.	10.0	42
152	POP accumulation in the food chain: Integrated risk model for sewage sludge application in agricultural soils. Environment International, 2010, 36, 577-583.	10.0	74
153	Human Health Risk Assessment for Environmental Exposure to Metals in the Catalan Stretch of the Ebro River, Spain. Human and Ecological Risk Assessment (HERA), 2009, 15, 604-623.	3.4	24
154	Modification of an environmental surveillance program to monitor PCDD/Fs and metals around a municipal solid waste incinerator. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 1343-1352.	1.7	35
155	Health risks of the occupational exposure to microbiological and chemical pollutants in a municipal waste organic fraction treatment plant. International Journal of Hygiene and Environmental Health, 2009, 212, 661-669.	4.3	59
156	Levels of metals and organic substances in workers at a hazardous waste incinerator: a follow-up study. International Archives of Occupational and Environmental Health, 2009, 82, 519-528.	2.3	22
157	Monitoring Metals in Blood and Hair of the Population Living Near a Hazardous Waste Incinerator: Temporal Trend. Biological Trace Element Research, 2009, 128, 191-199.	3.5	53
158	Costâ€“benefit analysis of using sewage sludge as alternative fuel in a cement plant: a case study. Environmental Science and Pollution Research, 2009, 16, 322-328.	5.3	30
159	Human Health Risk Assessment of Environmental Exposure to Organochlorine Compounds in the Catalan Stretch of the Ebro River, Spain. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 662-667.	2.7	22
160	Partitioning total variance in risk assessment: Application to a municipal solid waste incinerator. Environmental Modelling and Software, 2009, 24, 247-261.	4.5	27
161	Multi-compartmental environmental surveillance of a petrochemical area: Levels of micropollutants. Environment International, 2009, 35, 227-235.	10.0	110
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