Elisa Terzaghi

List of Publications by Year
in descending order

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30	892	566801 15	476904 29
papers	citations	h-index	g-index

30	30	30	951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental exposure assessment. , 2024, , 183-190.		0
2	Life cycle exposure of plants considerably affects root uptake of PCBs: Role of growth strategies and dissolved/particulate organic carbon variability. Journal of Hazardous Materials, 2022, 421, 126826.	6.5	10
3	Bioaccumulation of PCBs and their hydroxy and sulfonated metabolites in earthworms: Comparing lab and field results. Environmental Pollution, 2022, 293, 118507.	3.7	8
4	Spatially resolved environmental fate models: A review. Chemosphere, 2022, 290, 133394.	4.2	8
5	Predicting the regional contamination evolution of DDT for 100-years with a new gridded spatial and dynamic multimedia fate model. Science of the Total Environment, 2022, 845, 157190.	3.9	4
6	A new dataset of PCB half-lives in soil: Effect of plant species and organic carbon addition on biodegradation rates in a weathered contaminated soil. Science of the Total Environment, 2021, 750, 141411.	3.9	9
7	Estimating temporal and spatial levels of PAHs in air using rain samples and SPME analysis: Feasibility evaluation in an urban scenario. Science of the Total Environment, 2021, 762, 144184.	3.9	8
8	Using Passive Air Samplers to Quantify Vertical Gaseous Elemental Mercury Concentration Gradients Within a Forest and Above Soil. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034981.	1.2	7
9	Mercury vertical and horizontal concentrations in agricultural soils of a historically contaminated site: Role of soil properties, chemical loading, and cultivated plant species in driving its mobility. Environmental Pollution, 2021, 285, 117467.	3.7	17
10	Microbial degradation of pyrene in holm oak (Quercus ilex) phyllosphere: Role of particulate matter in regulating bioaccessibility. Science of the Total Environment, 2021, 786, 147431.	3.9	3
11	Micropollutants in Lake Como water in the context of circular economy: A snapshot of water cycle contamination in a changing pollution scenario. Journal of Hazardous Materials, 2020, 384, 121441.	6.5	39
12	Plants radically change the mobility of PCBs in soil: Role of different species and soil conditions. Journal of Hazardous Materials, 2020, 388, 121786.	6.5	18
13	Modelling peak exposure of pesticides in terrestrial and aquatic ecosystems: importance of dissolved organic carbon and vertical particle movement in soil. SAR and QSAR in Environmental Research, 2020, 31, 19-32.	1.0	9
14	PCB vertical and horizontal movement in agricultural soils of a highly contaminated site: Role of soil properties, cultivation history and PCB physico-chemical parameters. Science of the Total Environment, 2020, 747, 141477.	3.9	16
15	New Data Set of Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Half-Lives: Natural Attenuation and Rhizoremediation Using Several Common Plant Species in a Weathered Contaminated Soil. Environmental Science & Technology, 2020, 54, 10000-10011.	4.6	12
16	Role of photo- and biodegradation of two PAHs on leaves: Modelling the impact on air quality ecosystem services provided by urban trees. Science of the Total Environment, 2020, 739, 139893.	3.9	14
17	Identification of Sulfonated and Hydroxy-Sulfonated Polychlorinated Biphenyl (PCB) Metabolites in Soil: New Classes of Intermediate Products of PCB Degradation?. Environmental Science & Technology, 2019, 53, 10601-10611.	4.6	15
18	Rhizoremediation of weathered PCBs in a heavily contaminated agricultural soil: Results of a biostimulation trial in semi field conditions. Science of the Total Environment, 2019, 686, 484-496.	3.9	49

#	Article	IF	Citations
19	Exploitation of Rhizosphere Microbiome Services. Rhizosphere Biology, 2019, , 105-132.	0.4	9
20	Do environmental dynamics matter in fate models? Exploring scenario dynamics for a terrestrial and an aquatic system. Environmental Sciences: Processes and Impacts, 2018, 20, 145-156.	1.7	16
21	Rhizoremediation half-lives of PCBs: Role of congener composition, organic carbon forms, bioavailability, microbial activity, plant species and soil conditions, on the prediction of fate and persistence in soil. Science of the Total Environment, 2018, 612, 544-560.	3.9	75
22	Pesticide fate in cultivated mountain basins: The improved DynAPlus model for predicting peak exposure and directing sustainable monitoring campaigns to protect aquatic ecosystems. Chemosphere, 2018, 210, 204-214.	4.2	16
23	Improving the SoilPlusVeg model to evaluate rhizoremediation and PCB fate in contaminated soils. Environmental Pollution, 2018, 241, 1138-1145.	3.7	16
24	How good are the predictions of mobility of aged polychlorinated biphenyls (PCBs) in soil? Insights from a soil column experiment. Science of the Total Environment, 2018, 645, 865-875.	3.9	27
25	Differentiating current and past PCB and PCDD/F sources: The role of a large contaminated soil site in an industrialized city area. Environmental Pollution, 2017, 223, 367-375.	3.7	54
26	SoilPlusVeg: An integrated air-plant-litter-soil model to predict organic chemical fate and recycling in forests. Science of the Total Environment, 2017, 595, 169-177.	3.9	36
27	Phyto-rhizoremediation of polychlorinated biphenyl contaminated soils: An outlook on plant-microbe beneficial interactions. Science of the Total Environment, 2017, 575, 1395-1406.	3.9	146
28	Estimation of Polycyclic Aromatic Hydrocarbon Variability in Air Using High Volume, Film, and Vegetation as Samplers. Environmental Science & Technology, 2015, 49, 5520-5528.	4.6	19
29	Towards more ecologically realistic scenarios of plant uptake modelling for chemicals: PAHs in a small forest. Science of the Total Environment, 2015, 505, 329-337.	3.9	44
30	Forest Filter Effect: Role of leaves in capturing/releasing air particulate matter and its associated PAHs. Atmospheric Environment, 2013, 74, 378-384.	1.9	188