Jakub Hofman

List of Publications by Year
in descending order

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67	2,064	218381	253896
papers	citations	26 h-index	43 g-index

68	68	68	2396
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of biochar on the fate of conazole fungicides in soils and their bioavailability to earthworms and plants. Environmental Science and Pollution Research, 2022, 29, 23323-23337.	2.7	2
2	A worldwide review of currently used pesticides' monitoring in agricultural soils. Science of the Total Environment, 2022, 812, 152344.	3.9	68
3	Ageing effect on conazole fungicide bioaccumulation in arable soils. Chemosphere, 2021, 262, 127612.	4.2	12
4	Biochar surface functional groups as affected by biomass feedstock, biochar composition and pyrolysis temperature. Carbon Resources Conversion, 2021, 4, 36-46.	3.2	155
5	Conazole fungicides epoxiconazole and tebuconazole in biochar amended soils: Degradation and bioaccumulation in earthworms. Chemosphere, 2021, 274, 129700.	4.2	6
6	Toxicokinetics of hydrophobic organic compounds in oligochaeta: A critical review. Environmental Pollution, 2021, 289, 117743.	3.7	4
7	Is centrifugal ultrafiltration a robust method for determining encapsulation efficiency of pesticide nanoformulations?. Nanoscale, 2021, 13, 5410-5418.	2.8	5
8	Collection of human and environmental data on pesticide use in Europe and Argentina: Field study protocol for the SPRINT project. PLoS ONE, 2021, 16, e0259748.	1.1	9
9	Adsorption of epoxiconazole and tebuconazole in twenty different agricultural soils in relation to their properties. Chemosphere, 2020, 261, 127637.	4.2	24
10	Spatial and temporal distribution of the currently-used and recently-banned pesticides in arable soils of the Czech Republic. Chemosphere, 2020, 254, 126902.	4.2	23
11	Uptake kinetics of four hydrophobic organic pollutants in the earthworm Eisenia andrei in aged laboratory-contaminated natural soils. Ecotoxicology and Environmental Safety, 2020, 192, 110317.	2.9	6
12	Ecotoxicology of Environmental Pollutants. Applied Environmental Science and Engineering for A Sustainable Future, 2020, , 549-572.	0.2	1
13	Pesticide residues remaining in soils from previous growing season(s) - Can they accumulate in non-target organisms and contaminate the food web?. Science of the Total Environment, 2019, 646, 1056-1062.	3.9	43
14	Nanoformulations can significantly affect pesticide degradation and uptake by earthworms and plants. Environmental Chemistry, 2019, 16, 470.	0.7	27
15	Fate and bioavailability of four conazole fungicides in twelve different arable soils â€“ Effects of soil and pesticide properties. Chemosphere, 2019, 230, 347-359.	4.2	24
16	Ecological risk assessment of pesticide residues in arable soils of the Czech Republic. Chemosphere, 2019, 216, 479-487.	4.2	73
17	Influence of soil Î³-irradiation and spiking on sorption of p,p â€²-DDE and soil organic matter chemistry. Ecotoxicology and Environmental Safety, 2018, 155, 125-132.	2.9	6
18	Uptake kinetics of pesticides chlorpyrifos and tebuconazole in the earthworm Eisenia andrei in two different soils. Environmental Pollution, 2018, 236, 257-264.	3.7	33

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19	Concentration/time-dependent dissipation, partitioning and plant accumulation of hazardous current-used pesticides and 2-hydroxyatrazine in sand and soil. Chemosphere, 2018, 203, 219-227.	4.2	13
20	A bacterium-based contact assay for evaluating the quality of solid samplesâ€“Results from an international ring-test. Journal of Hazardous Materials, 2018, 352, 139-147.	6.5	6
21	Currently and recently used pesticides in Central European arable soils. Science of the Total Environment, 2018, 613-614, 361-370.	3.9	175
22	What are the effects of soil treatment procedures (sterilization by Î³-irradiation and solvent-assisted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.7	2
23	Bioavailability of five hydrophobic organic compounds to earthworms from sterile and non-sterile artificial soils. Chemosphere, 2017, 179, 222-231.	4.2	17
24	Occurrence of Chlorotriazine herbicides and their transformation products in arable soils. Environmental Pollution, 2017, 222, 283-293.	3.7	40
25	Laboratory versus field soil aging: Impact on DDE bioavailability and sorption. Chemosphere, 2017, 186, 235-242.	4.2	9
26	The variability of standard artificial soils: cadmium and phenanthrene sorption measured by a batch equilibrium method. Ecotoxicology and Environmental Safety, 2017, 135, 17-23.	2.9	11
27	Spatial differentiation of ecosystem risks of soil pollution in floodplain areas of the Czech Republic. Soil and Water Research, 2017, 12, 1-9.	0.7	12
28	Ecotoxicity of arsenic contaminated sludge after mixing with soils and addition into composting and vermicomposting processes. Journal of Hazardous Materials, 2016, 317, 585-592.	6.5	17
29	Temporal and spatial variability of enantiomeric fractions (EFs) of chiral organochlorines in relation to soil properties. Journal of Soils and Sediments, 2016, 16, 1718-1726.	1.5	2
30	Assessment of the biological and chemical availability of the freshly spiked and aged DDE in soil. Environmental Pollution, 2016, 212, 105-112.	3.7	10
31	Diurnal Variations of Air-Soil Exchange of Semivolatile Organic Compounds (PAHs, PCBs, OCPs, and) Tj ETQq1 1 0.784314 rgBT /Over 4278-4288.	4.6	85
32	The variability of standard artificial soils: Effects on the survival and reproduction of springtail (Folsomia candida) and potworm (Enchytraeus crypticus). Ecotoxicology and Environmental Safety, 2015, 114, 38-43.	2.9	10
33	The kinetics of solid-phase microextraction measured for freshly added and aged hydrophobic compounds in two different soils. International Journal of Environmental Analytical Chemistry, 2015, 95, 635-649.	1.8	7
34	Influence of feeding and earthworm density on compound bioaccumulation in earthworms Eisenia andrei. Environmental Pollution, 2015, 207, 168-175.	3.7	12
35	Effects of combined composting and vermicomposting of waste sludge on arsenic fate and bioavailability. Journal of Hazardous Materials, 2014, 280, 544-551.	6.5	44
36	Uptake kinetics of five hydrophobic organic pollutants in the earthworm Eisenia fetida in six different soils. Journal of Hazardous Materials, 2014, 267, 175-182.	6.5	37

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37	Solid phase microextraction of organic pollutants from natural and artificial soils and comparison with bioaccumulation in earthworms. Ecotoxicology and Environmental Safety, 2014, 100, 44-52.	2.9	15
38	The variability of standard artificial soils: Behaviour, extractability and bioavailability of organic pollutants. Journal of Hazardous Materials, 2014, 264, 514-520.	6.5	15
39	Comparison of approaches towards ecotoxicity evaluation for the application of dredged sediment on soil. Journal of Soils and Sediments, 2013, 13, 906-915.	1.5	11
40	Supercritical fluid extraction of persistent organic pollutants from natural and artificial soils and comparison with bioaccumulation in earthworms. Environmental Pollution, 2013, 176, 48-54.	3.7	14
41	A comparison of POPs bioaccumulation in Eisenia fetida in natural and artificial soils and the effects of aging. Environmental Pollution, 2012, 160, 49-56.	3.7	47
42	Fate and bioavailability of 14C-pyrene and 14C-lindane in sterile natural and artificial soils and the influence of aging. Environmental Pollution, 2012, 171, 93-98.	3.7	15
43	Road salts effects on soil chemical and microbial properties at grassland and forest site in protected natural areas. Plant, Soil and Environment, 2012, 58, 282-288.	1.0	11
44	Variability of standard artificial soils: Physico-chemical properties and phenanthrene desorption measured by means of supercritical fluid extraction. Environmental Pollution, 2012, 163, 1-7.	3.7	20
45	Can cyanobacterial biomass applied to soil affect survival and reproduction of springtail Folsomia candida?. Ecotoxicology and Environmental Safety, 2011, 74, 840-843.	2.9	3
46	Toxic effects of nine polycyclic aromatic compounds on Enchytraeus crypticus in artificial soil in relation to their properties. Ecotoxicology and Environmental Safety, 2011, 74, 1727-1733.	2.9	30
47	Use of dredged sediments on agricultural soils from viewpoint of potentially toxic substances. Plant, Soil and Environment, 2011, 57, 388-395.	1.0	11
48	Ecotoxicity of wastes in avoidance tests with Enchytraeus albidus, Enchytraeus crypticus and Eisenia fetida (Oligochaeta). Waste Management, 2010, 30, 558-564.	3.7	24
49	Effects of fungicides mancozeb and dinocap on carbon and nitrogen mineralization in soils. Ecotoxicology and Environmental Safety, 2009, 72, 80-85.	2.9	55
50	Variability of soil microbial properties: Effects of sampling, handling and storage. Ecotoxicology and Environmental Safety, 2009, 72, 2102-2108.	2.9	46
51	Avoidance response of Enchytraeus albidus in relation to carbendazim ageing. Environmental Pollution, 2009, 157, 704-706.	3.7	12
52	Soil burdens of persistent organic pollutants â€“ Their levels, fate and risk. Part I. Variation of concentration ranges according to different soil uses and locations. Environmental Pollution, 2009, 157, 3207-3217.	3.7	108
53	Can Physicochemical and Microbial Soil Properties Explain Enantiomeric Shifts of Chiral Organochlorines?. Environmental Science & Technology, 2008, 42, 5978-5984.	4.6	36
54	Fate and behaviour of phenanthrene in the natural and artificial soils. Environmental Pollution, 2008, 152, 468-475.	3.7	31

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55	Development of phenanthrene catabolism in natural and artificial soils. Environmental Pollution, 2008, 152, 424-430.	3.7	18
56	Using supercritical fluid extraction to measure the desorption and bioaccessibility of phenanthrene in soils. Environmental Pollution, 2008, 156, 664-670.	3.7	14
57	Toxicity of four nitrogen-heterocyclic polyaromatic hydrocarbons (NPAHs) to soil organisms. Ecotoxicology and Environmental Safety, 2008, 71, 650-660.	2.9	29
58	Effects of road deicing salts on soil microorganisms. Plant, Soil and Environment, 2008, 54, 479-485.	1.0	23
59	Effects of short-chain chlorinated paraffins on soil organisms. Ecotoxicology and Environmental Safety, 2007, 67, 206-211.	2.9	36
60	Effects of toxaphene on soil organisms. Ecotoxicology and Environmental Safety, 2007, 68, 326-334.	2.9	31
61	Effects of seven organic pollutants on soil nematode Caenorhabditis elegans. Environment International, 2007, 33, 798-804.	4.8	49
62	Redistribution of organic pollutants in river sediments and alluvial soils related to major floods. Journal of Soils and Sediments, 2007, 7, 167-177.	1.5	100
63	Using nematodes in soil ecotoxicology. Environment International, 2006, 32, 374-383.	4.8	107
64	Monitoring microbial biomass and respiration in different soils from the Czech Republicâ€”a summary of results. Environment International, 2004, 30, 19-30.	4.8	43
65	Biochemical analysis of soil organic matter and microbial biomass compositionâ€”a pilot study. European Journal of Soil Biology, 2003, 39, 217-224.	1.4	38
66	Novel approach to monitoring of the soil biological quality. Environment International, 2003, 28, 771-778.	4.8	40
67	Tebuconazole and terbuthylazine encapsulated in nanocarriers: preparation, characterization and release kinetics. Environmental Science: Nano, 0, , .	2.2	2