

Pesticide residues in European agricultural soils – A h

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Uptake, translocation and subcellular distribution of pesticides in Chinese cabbage ( <i>Brassica rapa</i> var.) Tj ETQq0 0 0 rgBT /Overlock 10 T	6.9	52
2	Dynamic Effect of Fresh and Aged Biochar on the Behavior of the Herbicide Mesotrione in Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9450-9459.	5.2	17
3	A new perspective on marine assessment of metals and organic pollutants: A case study from Bay of Santander. <i>Science of the Total Environment</i> , 2019, 691, 156-164.	8.0	8
4	Amperometric biosensor for glyphosate based on the inhibition of tyrosinase conjugated to carbon nano-onions in a chitosan matrix on a screen-printed electrode. <i>Mikrochimica Acta</i> , 2019, 186, 569.	5.0	43
5	Factors affecting coupled degradation and time-dependent sorption processes of tebuconazole in mineral soil profiles. <i>Science of the Total Environment</i> , 2019, 690, 1035-1047.	8.0	11
6	Increasingly Distant from Edenâ€™a Look at the Soils of Protected Areas Using Ecotoxicological Tests and Chemical Analysis. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	8
7	Rare earth metal functionalized electrospun nanofiber catalyst for effective photo-decontamination of profenofos toxin. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 182-189.	5.8	6
8	Biodiversity Decline as a Consequence of an Inappropriate Environmental Risk Assessment of Pesticides. <i>Frontiers in Environmental Science</i> , 2019, 7, .	3.3	184
9	Investigation of the presence of glyphosate and its major metabolite AMPA in Greek soils. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36308-36321.	5.3	15
10	Reproductive Impact of Environmental Chemicals on Animals. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1200, 41-70.	1.6	9
11	Solarization-based pesticide degradation results in decreased activity and biomass of the soil microbial community. <i>Geoderma</i> , 2019, 354, 113893.	5.1	12
12	Is there a way to rate insecticides that is less detrimental to human and environmental health?. <i>Global Ecology and Conservation</i> , 2019, 20, e00699.	2.1	17
13	Species- and organ-specific responses of agri-environmental plants to residual agricultural pollutants. <i>Science of the Total Environment</i> , 2019, 694, 133661.	8.0	4
14	Hemp to limit diffusion of difenoconazole in vegetable garden soils. <i>Heliyon</i> , 2019, 5, e02392.	3.2	7
15	PEST-CHEMGRIDS, global gridded maps of the top 20 crop-specific pesticide application rates from 2015 to 2025. <i>Scientific Data</i> , 2019, 6, 170.	5.3	168
16	Flexible PET/ITO/Ag SERS Platform for Label-Free Detection of Pesticides. <i>Biosensors</i> , 2019, 9, 111.	4.7	22
17	Acute uterine effects and long-term reproductive alterations in postnatally exposed female rats to a mixture of commercial formulations of endosulfan and glyphosate. <i>Food and Chemical Toxicology</i> , 2019, 134, 110832.	3.6	19
18	Effects of two common fungicides on the reproduction of <i>Aporrectodea caliginosa</i> in natural soil. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 518-524.	6.0	18

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19	Biochar and earthworms working in tandem: Research opportunities for soil bioremediation. <i>Science of the Total Environment</i> , 2019, 688, 574-583.	8.0	47
20	Managing plastic waste from agriculture through reverse logistics and dynamic modeling. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1415-1432.	4.1	13
21	State-of-the-Art Internet of Things in Protected Agriculture. <i>Sensors</i> , 2019, 19, 1833.	3.8	197
22	Legal measures to prevent and manage soil contamination and to increase food safety for consumer health: The case of Spain. <i>Environmental Pollution</i> , 2019, 250, 883-891.	7.5	30
23	A review of pesticide fate and transport simulation at watershed level using SWAT: Current status and research concerns. <i>Science of the Total Environment</i> , 2019, 669, 512-526.	8.0	105
24	Properties of composts from household food waste produced in automatic composters. <i>Journal of Environmental Management</i> , 2019, 236, 657-666.	7.8	38
25	Transforming Research and Innovation for Sustainable Food Systems – A Coupled-Systems Perspective. <i>Sustainability</i> , 2019, 11, 7176.	3.2	30
26	Glyphosate residues in soil affect crop plant germination and growth. <i>Scientific Reports</i> , 2019, 9, 19653.	3.3	41
27	Microbes and Enzymes in Soil Health and Bioremediation. <i>Microorganisms for Sustainability</i> , 2019, , .	0.7	20
28	Fungicides, herbicides and bees: A systematic review of existing research and methods. <i>PLoS ONE</i> , 2019, 14, e0225743.	2.5	125
29	Potential pesticide exposure during the post-breeding migration of the common toad ( <i>Bufo bufo</i> ) in a vineyard dominated landscape. <i>Science of the Total Environment</i> , 2020, 706, 134430.	8.0	19
30	Sorption Capacity of Pesticides on Soil in a Predominant Apple Cultivation Area. <i>Soil and Sediment Contamination</i> , 2020, 29, 107-119.	1.9	6
31	Toxicity in Neonicotinoids to <i>Folsomia candida</i> and <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 548-555.	4.3	31
32	Chronic kidney disease of unknown etiology (CKDu): Using a system dynamics model to conceptualize the multiple environmental causative pathways of the epidemic. <i>Science of the Total Environment</i> , 2020, 705, 135766.	8.0	11
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34	Organic Carrot ( <i>Daucus carota</i> L.) Production Has an Advantage over Conventional in Quantity as Well as in Quality. <i>Agronomy</i> , 2020, 10, 1420.	3.0	14
35	Tissues injury and pathological changes in <i>Hyla intermedia</i> juveniles after chronic larval exposure to tebuconazole. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111367.	6.0	11
36	Low concentrations of fertilizer and herbicide alter plant growth and interactions with flower-visiting insects. <i>Agriculture, Ecosystems and Environment</i> , 2020, 304, 107141.	5.3	29

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37	Laboratory study on the mobility of chlordecone and seven of its transformation products formed by chemical reduction in nitisol lysimeters of a banana plantation in Martinique (French Caribbean). <i>Science of the Total Environment</i> , 2020, 743, 140757.	8.0	4
38	Assessment of pesticide inputs into surface waters by agricultural and urban sources - A case study in the Querne/Weida catchment, central Germany. <i>Environmental Pollution</i> , 2020, 267, 115186.	7.5	38
39	Plant protection product residues in plant pollen and nectar: A review of current knowledge. <i>Environmental Research</i> , 2020, 189, 109873.	7.5	100
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41	Local-scale dynamics of plant-pesticide interactions in a northern Brittany agricultural landscape. <i>Science of the Total Environment</i> , 2020, 744, 140772.	8.0	5
42	Adsorption of epoxiconazole and tebuconazole in twenty different agricultural soils in relation to their properties. <i>Chemosphere</i> , 2020, 261, 127637.	8.2	24
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44	Soil Amendment with Biochar, Hydrochar and Compost Mitigates the Accumulation of Emerging Pollutants in Rocket Salad Plants. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	14
45	Domestic Gardens Mitigate Risk of Exposure of Pollinators to Pesticides—An Urban-Rural Case Study Using a Red Mason Bee Species for Biomonitoring. <i>Sustainability</i> , 2020, 12, 9427.	3.2	15
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47	Glyphosate in Portuguese Adults – A Pilot Study. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103462.	4.0	16
48	Biotransformation of pentachlorophenol by an indigenous <i>Bacillus cereus</i> AOA-CPS1 isolated from wastewater effluent in Durban, South Africa. <i>Biodegradation</i> , 2020, 31, 369-383.	3.0	8
49	Monitoring of DDT in Agricultural Soils under Organic Farming in Poland and the Risk of Crop Contamination. <i>Environmental Management</i> , 2020, 66, 916-929.	2.7	22
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51	Biodegradation of Pesticides at the Limit: Kinetics and Microbial Substrate Use at Low Concentrations. <i>Frontiers in Microbiology</i> , 2020, 11, 2107.	3.5	21
52	Holistic identification and assessment of environmental risks of arable land use in two grain producing areas of China. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	3.1	2
53	Gut Microbiota: A Key Factor in the Host Health Effects Induced by Pesticide Exposure?. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10517-10531.	5.2	42
54	Studies on Dissipations and Residues of Indoxacarb under Different Field and Environmental Conditions. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-8.	1.6	4

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56	Pesticide monitoring of agricultural soil pollution. <i>E3S Web of Conferences</i> , 2020, 193, 01068.	0.5	5
57	Chitosan-Based Nanocomposites for Glyphosate Detection Using Surface Plasmon Resonance Sensor. <i>Sensors</i> , 2020, 20, 5942.	3.8	11
58	Spatial and temporal distribution of the currently-used and recently-banned pesticides in arable soils of the Czech Republic. <i>Chemosphere</i> , 2020, 254, 126902.	8.2	23
59	Effect of interspecific competition on species sensitivity distribution models: Analysis of plant responses to chemical stress. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110722.	6.0	5
60	Encapsulated Limonene: A Pleasant Lemon-Like Aroma with Promising Application in the Agri-Food Industry. A Review. <i>Molecules</i> , 2020, 25, 2598.	3.8	60
61	Target and suspect screening analysis reveals persistent emerging organic contaminants in soils and sediments. <i>Science of the Total Environment</i> , 2020, 740, 140181.	8.0	41
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63	Enhanced soil quality with reduced tillage and solid manures in organic farming – a synthesis of 15 years. <i>Scientific Reports</i> , 2020, 10, 4403.	3.3	78
64	Towards better representation of organic agriculture in life cycle assessment. <i>Nature Sustainability</i> , 2020, 3, 419-425.	23.7	171
65	An Evaluation of On-Farm Food Loss Accounting in Life-Cycle Assessment (LCA) of Four California Specialty Crops. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	12
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68	Pesticide residues in agricultural topsoil from the Hainan tropical riverside basin: Determination, distribution, and relationships with planting patterns and surface water. <i>Science of the Total Environment</i> , 2020, 722, 137856.	8.0	55
69	Commercial glyphosate-based herbicides effects on springtails (Collembola) differ from those of their respective active ingredients and vary with soil organic matter content. <i>Environmental Science and Pollution Research</i> , 2020, 27, 17280-17289.	5.3	13
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71	Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110940.	6.0	14
72	Pesticides Hazardous Hotspots: Empirical Evidences from North India. <i>Environmental Management</i> , 2020, 66, 899-915.	2.7	9

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78	Distribution of pesticides in agricultural and urban soils of Brazil: a critical review. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 256-270.	3.5	40
79	Microbial siderophore – A boon to agricultural sciences. <i>Biological Control</i> , 2020, 144, 104214.	3.0	74
80	European hares do not avoid newly pesticide-sprayed fields: Overspray as unnoticed pathway of pesticide exposure. <i>Science of the Total Environment</i> , 2020, 715, 136977.	8.0	18
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82	Climate-resilient and smart agricultural management tools to cope with climate change-induced soil quality decline. , 2020, , 613-662.		5
83	Concentration and distribution of pesticide residues in soil: Non-dietary human health risk assessment. <i>Chemosphere</i> , 2020, 253, 126594.	8.2	112
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85	Exploring the Potential for Fungal Antagonism and Cell Wall Attack by <i>Bacillus subtilis</i> natto. <i>Frontiers in Microbiology</i> , 2020, 11, 521.	3.5	25
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92	Soil Macrofauna: A key Factor for Increasing Soil Fertility and Promoting Sustainable Soil Use in Fruit Orchard Agrosystems. <i>Agronomy</i> , 2020, 10, 456.	3.0	62
93	The effects of the herbicides terbutylazine and metazachlor at environmental concentration on the burrowing behaviour of red swamp crayfish. <i>Chemosphere</i> , 2021, 270, 128656.	8.2	7
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103	Risk in the circular food economy: Glyphosate-based herbicide residues in manure fertilizers decrease crop yield. <i>Science of the Total Environment</i> , 2021, 750, 141422.	8.0	30
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110	Combined ozonation and solarization for the removal of pesticides from soil: Effects on soil microbial communities. <i>Science of the Total Environment</i> , 2021, 758, 143950.	8.0	18
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112	High bioremediation potential of strain <i>Chenggangzhangella methanolivorans</i> CHL1 for soil polluted with metsulfuron-methyl or tribenuron-methyl in a pot experiment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4731-4738.	5.3	6
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122	Methods for environmental monitoring of pesticide exposure. , 2021, , 347-387.		3
123	Recent Advances in Microbial Remediation Techniques for Xenobiotics-Polluted Soil. <i>Microorganisms for Sustainability</i> , 2021, , 259-294.	0.7	0
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128	Pesticides: formulants, distribution pathways and effects on human health – a review. <i>Toxicology Reports</i> , 2021, 8, 1179-1192.	3.3	156
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140	Widespread Occurrence of Pesticides in Organically Managed Agricultural Soils—the Ghost of a Conventional Agricultural Past?. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2919-2928.	10.0	125
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623	Acute and Chronic Effects of Pesticides on Non-Target Aquatic Organisms. <i>Transylvanian Review of Systematical and Ecological Research</i> , 2023, 25, 71-78.	0.1	0
624	An analysis of predatory bugs ( <i>Orius</i> spp., Hemiptera: Anthocoridae) and pest insects on some crop plants: Their distributions, abundance and population developments. <i>Tarim Bilimleri Dergisi</i> , 0, , .	0.4	0
625	Experimental study on photodegradation and leaching of typical pesticides in greenhouse soil from Shouguang, Shandong Province, East China. <i>Ecological Processes</i> , 2024, 13, .	3.9	0
626	Earthworms as soil health indicators in no-tillage agroecosystems. <i>European Journal of Soil Biology</i> , 2024, 121, 103605.	3.2	0
627	Subtle microbial community changes despite rapid glyphosate degradation in microcosms with four German agricultural soils. <i>Applied Soil Ecology</i> , 2024, 198, 105381.	4.3	0