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List of Publications by Year in descending order

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194
papers

7,627
citations

57631

44
h-index

71532

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200
docs citations

200
times ranked

9948
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#	ARTICLE	IF	CITATIONS
1	Towards an assessment of multiple ecosystem processes and services via functional traits. <i>Biodiversity and Conservation</i> , 2010, 19, 2873-2893.	1.2	759
2	Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. <i>Biodiversity and Conservation</i> , 2010, 19, 2921-2947.	1.2	385
3	Handbook of protocols for standardized measurement of terrestrial invertebrate functional traits. <i>Functional Ecology</i> , 2017, 31, 558-567.	1.7	290
4	Indicators of biodiversity and ecosystem services: a synthesis across ecosystems and spatial scales. <i>Oikos</i> , 2009, 118, 1862-1871.	1.2	225
5	Ecological network analysis reveals the inter-connection between soil biodiversity and ecosystem function as affected by land use across Europe. <i>Applied Soil Ecology</i> , 2016, 97, 112-124.	2.1	184
6	Development of a framework based on an ecosystem services approach for deriving specific protection goals for environmental risk assessment of pesticides. <i>Science of the Total Environment</i> , 2012, 415, 31-38.	3.9	150
7	Identifying and prioritising services in European terrestrial and freshwater ecosystems. <i>Biodiversity and Conservation</i> , 2010, 19, 2791-2821.	1.2	146
8	Effect of Endosulfan and Parathion on Energy Reserves and Physiological Parameters of the Terrestrial Isopod <i>Porcellio dilatatus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2001, 49, 131-138.	2.9	142
9	AVOIDANCE TESTS WITH COLLEMBOLA AND EARTHWORMS AS EARLY SCREENING TOOLS FOR SITE-SPECIFIC ASSESSMENT OF POLLUTED SOILS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2188.	2.2	141
10	Collembolan communities as bioindicators of land use intensification. <i>Soil Biology and Biochemistry</i> , 2003, 35, 813-826.	4.2	123
11	Microbial indicators of soil health as tools for ecological risk assessment of a metal contaminated site in Brazil. <i>Applied Soil Ecology</i> , 2012, 59, 96-105.	2.1	108
12	Decreased biodiversity in soil springtail communities: the importance of dispersal and landuse history in heterogeneous landscapes. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1158-1161.	4.2	104
13	Mapping earthworm communities in Europe. <i>Applied Soil Ecology</i> , 2016, 97, 98-111.	2.1	99
14	Indicators for biodiversity and ecosystem services: towards an improved framework for ecosystems assessment. <i>Biodiversity and Conservation</i> , 2010, 19, 2895-2919.	1.2	91
15	Scale-specific correlations between habitat heterogeneity and soil fauna diversity along a landscape structure gradient. <i>Oecologia</i> , 2007, 153, 713-725.	0.9	90
16	Earthworm ecotoxicological assessments of pesticides used to treat seeds under tropical conditions. <i>Chemosphere</i> , 2013, 90, 2674-2682.	4.2	87
17	Recycling organic wastes to agricultural land as a way to improve its quality: A field study to evaluate benefits and risks. <i>Waste Management</i> , 2017, 61, 582-592.	3.7	83
18	Research needs for incorporating the ecosystem service approach into EU biodiversity conservation policy. <i>Biodiversity and Conservation</i> , 2010, 19, 2979-2994.	1.2	82

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19	Selecting cost effective and policy-relevant biological indicators for European monitoring of soil biodiversity and ecosystem function. <i>Ecological Indicators</i> , 2016, 69, 213-223.	2.6	80
20	Environmental risk assessment of pesticides in tropical terrestrial ecosystems: Test procedures, current status and future perspectives. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 534-547.	2.9	79
21	Assessing environmental quality: a novel approach. <i>Marine Ecology - Progress Series</i> , 2004, 267, 1-8.	0.9	78
22	Avoidance tests in site-specific risk assessment— influence of soil properties on the avoidance response of collembola and earthworms. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1112-1117.	2.2	76
23	The use of sewage sludge as soil amendment. The need for an ecotoxicological evaluation. <i>Journal of Soils and Sediments</i> , 2009, 9, 246-260.	1.5	76
24	Evaluating a bioremediation tool for atrazine contaminated soils in open soil microcosms: The effectiveness of bioaugmentation and biostimulation approaches. <i>Chemosphere</i> , 2009, 74, 187-192.	4.2	76
25	Measuring basal soil respiration across Europe: Do incubation temperature and incubation period matter?. <i>Ecological Indicators</i> , 2014, 36, 409-418.	2.6	74
26	Toxicity of three pesticides commonly used in Brazil to <i>Pontoscolex corethrurus</i> (Müller, 1857) and <i>Eisenia andrei</i> (Bouché, 1972). <i>Applied Soil Ecology</i> , 2013, 69, 32-38.	2.1	73
27	Variation of adult Great Tit <i>Parus major</i> body condition and blood parameters in relation to sex, age, year and season. <i>Journal of Ornithology</i> , 2009, 150, 651-660.	0.5	71
28	Changes in Collembola richness and diversity along a gradient of land-use intensity: A pan European study. <i>Pedobiologia</i> , 2006, 50, 147-156.	0.5	68
29	Traits of collembolan life-form indicate land use types and soil properties across an European transect. <i>Applied Soil Ecology</i> , 2016, 97, 69-77.	2.1	68
30	Indicators for Monitoring Soil Biodiversity. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 717.	1.6	65
31	Seed dressing pesticides on springtails in two ecotoxicological laboratory tests. <i>Ecotoxicology and Environmental Safety</i> , 2014, 105, 65-71.	2.9	64
32	Monitoring of soil organisms: a set of standardized field methods proposed by ISO. <i>European Journal of Soil Biology</i> , 2006, 42, S61-S64.	1.4	61
33	Diversity patterns of ground-beetles (Coleoptera: Carabidae) along a gradient of land-use disturbance. <i>Agriculture, Ecosystems and Environment</i> , 2008, 124, 270-274.	2.5	59
34	Novel Bioassay Based on Acetylcholinesterase and Lactate Dehydrogenase Activities to Evaluate the Toxicity of Chemicals to Soil Isopods. <i>Ecotoxicology and Environmental Safety</i> , 1999, 44, 287-293.	2.9	58
35	Isolated cork oak trees affect soil properties and biodiversity in a Mediterranean wooded grassland. <i>Agriculture, Ecosystems and Environment</i> , 2015, 202, 203-216.	2.5	56
36	Environmental risk assessment of a metal-contaminated area in the Tropics. Tier I: screening phase. <i>Journal of Soils and Sediments</i> , 2010, 10, 1557-1571.	1.5	55

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37	Towards a landscape scale management of pesticides: ERA using changes in modelled occupancy and abundance to assess long-term population impacts of pesticides. <i>Science of the Total Environment</i> , 2015, 537, 159-169.	3.9	55
38	INFLUENCE OF DIMETHOATE ON ACETYLCHOLINESTERASE ACTIVITY AND LOCOMOTOR FUNCTION IN TERRESTRIAL ISOPODS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 603.	2.2	52
39	Biological testing of a digested sewage sludge and derived composts. <i>Bioresource Technology</i> , 2008, 99, 8382-8389.	4.8	52
40	Pesticide application to agricultural fields: effects on the reproduction and avoidance behaviour of <i>Folsomia candida</i> and <i>Eisenia andrei</i> . <i>Ecotoxicology</i> , 2012, 21, 2113-2122.	1.1	52
41	Haematozoa infections in a Great Tit (<i>Parus major</i>) population in Central Portugal: relationships with breeding effort and health. <i>Ibis</i> , 2009, 151, 677-688.	1.0	51
42	Evaluation of Exposure Metrics for Effect Assessment of Soil Invertebrates. <i>Critical Reviews in Environmental Science and Technology</i> , 2012, 42, 1862-1893.	6.6	50
43	Avoidance tests with earthworms and springtails: Defining the minimum exposure time to observe a significant response. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 545-551.	2.9	49
44	Effects of the neonicotinoids acetamiprid and thiacloprid in their commercial formulations on soil fauna. <i>Chemosphere</i> , 2018, 194, 85-93.	4.2	49
45	Organic wastes as soil amendments – Effects assessment towards soil invertebrates. <i>Journal of Hazardous Materials</i> , 2017, 330, 149-156.	6.5	46
46	Effects of land-use on Collembola diversity patterns in a Mediterranean landscape. <i>Pedobiologia</i> , 2004, 48, 609-622.	0.5	43
47	A scaled-up system to evaluate zooplankton spatial avoidance and the population immediate decline concentration. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1301-1305.	2.2	43
48	Ecotoxicological characterization of sugarcane vinasses when applied to tropical soils. <i>Science of the Total Environment</i> , 2015, 526, 222-232.	3.9	43
49	European scale analysis of phospholipid fatty acid composition of soils to establish operating ranges. <i>Applied Soil Ecology</i> , 2016, 97, 49-60.	2.1	43
50	Effects of Essential Oils from <i>Eucalyptus globulus</i> Leaves on Soil Organisms Involved in Leaf Degradation. <i>PLoS ONE</i> , 2013, 8, e61233.	1.1	42
51	Ammonia volatilization in soil treated with tannery sludge. <i>Bioresource Technology</i> , 2010, 101, 4690-4696.	4.8	40
52	Improving ecological risk assessment in the Mediterranean area: Selection of reference soils and evaluating the influence of soil properties on avoidance and reproduction of two oligochaete species. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1050-1058.	2.2	40
53	Functional and structural parameters to assess the ecological status of a metal contaminated area in the tropics. <i>Ecotoxicology and Environmental Safety</i> , 2012, 86, 188-197.	2.9	40
54	Soil and plant diet exposure routes and toxicokinetics of lindane in a terrestrial isopod. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2557-2563.	2.2	39

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55	Environmental factors at different spatial scales governing soil fauna community patterns in fragmented forests. <i>Landscape Ecology</i> , 2012, 27, 1337-1349.	1.9	39
56	Soil ecotoxicology in Brazil is taking its course. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11363-11378.	2.7	39
57	Carbofuran effects in soil nematode communities: Using trait and taxonomic based approaches. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2002-2012.	2.9	38
58	Changes in the genetic structure of Bacteria and microbial activity in an agricultural soil amended with tannery sludge. <i>Soil Biology and Biochemistry</i> , 2011, 43, 106-114.	4.2	38
59	Ring-testing and Field-validation of a Terrestrial Model Ecosystem(TME) – An Instrument for Testing Potentially Harmful Substances: Effects of Carbendazim on Organic Matter Breakdown and Soil Fauna Feeding Activity. <i>Ecotoxicology</i> , 2004, 13, 129-141.	1.1	37
60	Effects of azoxystrobin, chlorothalonil, and ethoprophos on the reproduction of three terrestrial invertebrates using a natural Mediterranean soil. <i>Applied Soil Ecology</i> , 2014, 76, 124-131.	2.1	36
61	Bioaccumulation and elimination of -lindane by <i>Enchytraeus albidus</i> in artificial (OECD) and a natural soil. <i>Chemosphere</i> , 2002, 49, 323-329.	4.2	34
62	Effects of nickel hyperaccumulation in <i>Alyssum pintodasilvae</i> on model arthropods representatives of two trophic levels. <i>Plant and Soil</i> , 2007, 293, 177-188.	1.8	34
63	Physiological Condition and Breeding Performance of the Great TIT. <i>Condor</i> , 2010, 112, 79-86.	0.7	34
64	Integrated ecological risk assessment of pesticides in tropical ecosystems: A case study with carbofuran in Brazil. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 437-445.	2.2	34
65	Genetic structure of soil invertebrate populations: Collembolans, earthworms and isopods. <i>Applied Soil Ecology</i> , 2013, 68, 61-66.	2.1	34
66	The practicalities and pitfalls of establishing a policy-relevant and cost-effective soil biological monitoring scheme. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 276-284.	1.6	34
67	Toxicity to <i>Eisenia andrei</i> and <i>Folsomia candida</i> of a metal mixture applied to soil directly or via an organic matrix. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1715-1720.	2.9	33
68	Bacterial communities in soil become sensitive to drought under intensive grazing. <i>Science of the Total Environment</i> , 2018, 618, 1638-1646.	3.9	33
69	In situ assays with tropical cladocerans to evaluate edge-of-field pesticide runoff toxicity. <i>Chemosphere</i> , 2007, 67, 2250-2256.	4.2	32
70	Cork-oak woodlands as key-habitats for biodiversity conservation in Mediterranean landscapes: a case study using rove and ground beetles (Coleoptera: Staphylinidae, Carabidae). <i>Biodiversity and Conservation</i> , 2009, 18, 605-619.	1.2	32
71	Cleanup of atrazine-contaminated soils: ecotoxicological study on the efficacy of a bioremediation tool with <i>Pseudomonas</i> sp. ADP. <i>Journal of Soils and Sediments</i> , 2010, 10, 568-578.	1.5	32
72	Blowflies (Diptera: Calliphoridae) activity in sun exposed and shaded carrion in Portugal. <i>Annales De La Societe Entomologique De France</i> , 2011, 47, 128-139.	0.4	32

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73	Ecological Risk Assessment of a Metal-Contaminated Area in the Tropics. Tier II: Detailed Assessment. PLoS ONE, 2015, 10, e0141772.	1.1	32
74	Effects of introduced exotic tree species on growth, consumption and assimilation rates of the soil detritivore <i>Porcellio dilatatus</i> (Crustacea: Isopoda). Applied Soil Ecology, 1998, 9, 399-403.	2.1	31
75	Spatial and temporal distribution of litter arthropods in different vegetation covers of Porto Santo Island (Madeira Archipelago, Portugal). European Journal of Soil Biology, 2008, 44, 45-56.	1.4	31
76	Influence of earthworm activity on microbial communities related with the degradation of persistent pollutants. Environmental Toxicology and Chemistry, 2012, 31, 794-803.	2.2	31
77	Effects of NaCl and seawater induced salinity on survival and reproduction of three soil invertebrate species. Chemosphere, 2015, 135, 116-122.	4.2	31
78	HEALTH-STATE VARIABLES AND ENZYMATIC BIOMARKERS AS SURVIVAL PREDICTORS IN NESTLING GREAT TITS (<i>PARUS MAJOR</i>): EFFECTS OF ENVIRONMENTAL CONDITIONS. Auk, 2008, 125, 943-952.	0.7	30
79	Crop traits drive soil carbon sequestration under organic farming. Journal of Applied Ecology, 2018, 55, 2496-2505.	1.9	30
80	State of the science and the way forward for the ecotoxicological assessment of contaminated land. Pesquisa Agropecuaria Brasileira, 2009, 44, 811-824.	0.9	29
81	A method of establishing a transect for biodiversity and ecosystem function monitoring across Europe. Applied Soil Ecology, 2016, 97, 3-11.	2.1	29
82	Microbial Indicators in Mine Soils (S. Domingos Mine, Portugal). Soil and Sediment Contamination, 2006, 15, 147-167.	1.1	28
83	Toxicity of phenmedipham and carbendazim to <i>Enchytraeus crypticus</i> and <i>Eisenia andrei</i> (Oligochaeta) in Mediterranean soils. Journal of Soils and Sediments, 2014, 14, 584-599.	1.5	28
84	The use of <i>Collembola</i> avoidance tests to characterize sewage sludges as soil amendments. Chemosphere, 2009, 77, 1526-1533.	4.2	27
85	Soil ecotoxicology in Latin America: Current research and perspectives. Environmental Toxicology and Chemistry, 2017, 36, 1795-1810.	2.2	27
86	Bioavailability and Toxicokinetics of ¹⁴ C-Lindane (¹³ -HCH) in the Enchytraeid <i>Enchytraeus albidus</i> in Two Soil Types: The Aging Effect. Archives of Environmental Contamination and Toxicology, 2002, 43, 221-228.	2.1	26
87	Deriving site-specific clean-up criteria to protect ecological receptors (plants and soil invertebrates) exposed to metal or metalloid soil contaminants via the direct contact exposure pathway. Integrated Environmental Assessment and Management, 2014, 10, 346-357.	1.6	26
88	Toxicity of four veterinary pharmaceuticals on the survival and reproduction of <i>Folsomia candida</i> in tropical soils. Chemosphere, 2017, 173, 460-465.	4.2	26
89	Are mulch biofilms used in agriculture an environmentally friendly solution? - An insight into their biodegradability and ecotoxicity using key organisms in soil ecosystems. Science of the Total Environment, 2022, 828, 154269.	3.9	26
90	Optimization of Culture Conditions of <i>Porcellio dilatatus</i> (Crustacea: Isopoda) for Laboratory Test Development. Ecotoxicology and Environmental Safety, 2000, 47, 285-291.	2.9	24

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91	Landscape composition and configuration affect the abundance of the olive moth (<i>Prays oleae</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.5	24
92	Repeatability and Method-Dependent Variation of Blood Parameters in Wild-Caught Great Tits (<i>Parus major</i>). <i>Acta Ornithologica</i> , 2008, 43, 65-75.	0.1	23
93	Boric acid as reference substance: pros, cons and standardization. <i>Ecotoxicology</i> , 2012, 21, 919-924.	1.1	23
94	Soil microarthropod community testing: A new approach to increase the ecological relevance of effect data for pesticide risk assessment. <i>Applied Soil Ecology</i> , 2014, 83, 200-209.	2.1	23
95	Does altered rainfall regime change pesticide effects in soil? A terrestrial model ecosystem study from Mediterranean Portugal on the effects of pyrimethanil to soil microbial communities under extremes in rainfall. <i>Applied Soil Ecology</i> , 2014, 84, 245-253.	2.1	23
96	Tolerance of genetically characterized <i>Folsomia candida</i> strains to phenmedipham exposure. <i>Journal of Soils and Sediments</i> , 2007, 7, 388-392.	1.5	21
97	Structural effects of the bioavailable fraction of pesticides in soil: Suitability of elutriate testing. <i>Journal of Hazardous Materials</i> , 2010, 184, 215-225.	6.5	21
98	Evaluation of bacterial biosensors to determine chromate bioavailability and to assess ecotoxicity of soils. <i>Chemosphere</i> , 2015, 128, 62-69.	4.2	21
99	Suitability of a <i>Saccharomyces cerevisiae</i> -based assay to assess the toxicity of pyrimethanil sprayed soils via surface runoff: Comparison with standard aquatic and soil toxicity assays. <i>Science of the Total Environment</i> , 2015, 505, 161-171.	3.9	21
100	Mite community composition across a European transect and its relationships to variation in other components of soil biodiversity. <i>Applied Soil Ecology</i> , 2016, 97, 86-97.	2.1	21
101	Toxicity of the bionematicide 1,4-naphthoquinone on non-target soil organisms. <i>Chemosphere</i> , 2017, 181, 579-588.	4.2	21
102	Habitat structure and neighbor linear features influence more carabid functional diversity in olive groves than the farming system. <i>Ecological Indicators</i> , 2017, 79, 128-138.	2.6	21
103	Assimilation efficiency and toxicokinetics of ¹⁴ C-lindane in the terrestrial isopod <i>Porcellionides pruinosus</i> : the role of isopods in degradation of persistent soil pollutants. <i>Ecotoxicology</i> , 2002, 11, 481-490.	1.1	20
104	Colêmbolos (Hexapoda: Collembola) como bioindicadores de qualidade do solo em Áreas com <i>Araucaria angustifolia</i> . <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 2693-2699.	0.5	20
105	Influence of adaptive evolution of cadmium tolerance on neutral and functional genetic variation in <i>Orchesella cincta</i> . <i>Ecotoxicology</i> , 2012, 21, 2078-2087.	1.1	20
106	Influence of seasons and land-use practices on soil microbial activity and metabolic diversity in the Montado ecosystem. <i>European Journal of Soil Biology</i> , 2013, 59, 22-30.	1.4	20
107	Influence of cypermethrin on avoidance behavior, survival and reproduction of <i>Folsomia candida</i> in soil. <i>Chemosphere</i> , 2015, 122, 94-98.	4.2	20
108	Land management impacts on the feeding preferences of the woodlouse <i>Porcellio dilatatus</i> (Isopoda). <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	2.1	20

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109	Diversity and fruiting patterns of ectomycorrhizal and saprobic fungi as indicators of land-use severity in managed woodlands dominated by <i>Quercus suber</i> a case study from southern Portugal. <i>Canadian Journal of Forest Research</i> , 2009, 39, 2404-2417.	0.8	19
110	Fungal fruitbodies and soil macrofauna as indicators of land use practices on soil biodiversity in Montado. <i>Agroforestry Systems</i> , 2011, 82, 121-138.	0.9	19
111	The performance of <i>Fraxinus angustifolia</i> as a helper for metal phytoremediation programs and its relation to the endophytic bacterial communities. <i>Geoderma</i> , 2013, 202-203, 171-182.	2.3	18
112	Copper tolerance and genetic diversity of <i>Porcellionides sexfasciatus</i> (ISOPODA) in a highly contaminated mine habitat. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 884-888.	2.2	18
113	Ecotoxicological effects of pig manure on <i>Folsomia candida</i> in subtropical Brazilian soils. <i>Journal of Hazardous Materials</i> , 2016, 314, 113-120.	6.5	18
114	Effects of nonylphenols on soil microbial activity and water retention. <i>Applied Soil Ecology</i> , 2013, 64, 77-83.	2.1	17
115	The use of a functional approach as surrogate of <i>Collembola</i> species richness in European perennial crops and forests. <i>Ecological Indicators</i> , 2016, 61, 676-682.	2.6	17
116	Active avoidance from a crude oil soluble fraction by an Andean paramo copepod. <i>Ecotoxicology</i> , 2014, 23, 1254-1259.	1.1	16
117	Disposal of dredged sediments in tropical soils: ecotoxicological effects on earthworms. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1487-1497.	1.3	16
118	Ecotoxicological assessment of a dredged sediment using bioassays with three species of soil invertebrates. <i>Ecotoxicology</i> , 2015, 24, 414-423.	1.1	16
119	Placing arbuscular mycorrhizal fungi on the risk assessment test battery of plant protection products (PPPs). <i>Ecotoxicology</i> , 2018, 27, 809-818.	1.1	16
120	Semi-field methods are a useful tool for the environmental risk assessment of pesticides in soil. <i>Environmental Science and Pollution Research</i> , 2008, 15, 176-177.	2.7	15
121	Ecotoxicological characterization of a tropical soil after diazinon spraying. <i>Ecotoxicology</i> , 2012, 21, 2163-2176.	1.1	15
122	Soil fauna through the landscape window: factors shaping surface-and soil-dwelling communities across spatial scales in cork-oak mosaics. <i>Landscape Ecology</i> , 2015, 30, 1511-1526.	1.9	15
123	Ecotoxicological effects of fipronil, neem cake and neem extract in edaphic organisms from tropical soil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 207-214.	2.9	15
124	<i>Collembolans</i> and <i>Mites</i> Communities as a Tool for Assessing Soil Quality: Effect of Eucalyptus Plantations on Soil Mesofauna Biodiversity. <i>Current Science</i> , 2016, 110, 713.	0.4	15
125	Effects of nonylphenol on a soil community using microcosms. <i>Journal of Soils and Sediments</i> , 2010, 10, 556-567.	1.5	14
126	Short-term changes of metal availability in soil. II: The influence of earthworm activity. <i>Applied Soil Ecology</i> , 2011, 49, 178-186.	2.1	14

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127	Assessing the impact of understory vegetation cut on soil epigeic macrofauna from a cork-oak Montado in South Portugal. <i>Agroforestry Systems</i> , 2011, 82, 139-148.	0.9	14
128	Compared to conventional, ecological intensive management promotes beneficial proteolytic soil microbial communities for agro-ecosystem functioning under climate change-induced rain regimes. <i>Scientific Reports</i> , 2020, 10, 7296.	1.6	14
129	Resistance–recovery trade-off of soil microbial communities under altered rain regimes: An experimental test across European agroecosystems. <i>Journal of Applied Ecology</i> , 2021, 58, 406-418.	1.9	14
130	Vorläufige Untersuchungen an einer Gemeinschaft sarkophager Zweiflügler in Mittelportugal (Diptera). <i>Entomologia Generalis</i> , 2011, 33, 183-198.	1.1	14
131	FEEDING INHIBITION IN THE SOIL COLLEMBOLAN FOLSOMIA CANDIDA AS AN ENDPOINT FOR THE ESTIMATION OF ORGANIC WASTE ECOTOXICITY. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1538.	2.2	13
132	Collembola Community Structure as a Tool to Assess Land Use Effects on Soil Quality. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	0.5	13
133	Wing membrane and fur samples as reliable biological matrices to measure bioaccumulation of metals and metalloids in bats. <i>Environmental Pollution</i> , 2019, 253, 199-206.	3.7	13
134	Disentangling drivers of soil microbial potential enzyme activity across rain regimes: An approach based on the functional trait framework. <i>Soil Biology and Biochemistry</i> , 2020, 148, 107881.	4.2	13
135	Characterization and validation of a Portuguese natural reference soil to be used as substrate for ecotoxicological purposes. <i>Journal of Environmental Monitoring</i> , 2012, 14, 925.	2.1	12
136	Applying a GLM-based approach to model the influence of soil properties on the toxicity of phenmedipham to <i>Folsomia candida</i> . <i>Journal of Soils and Sediments</i> , 2012, 12, 888-899.	1.5	12
137	Ethoprophos fate on soil–water interface and effects on non-target terrestrial and aquatic biota under Mediterranean crop-based scenarios. <i>Ecotoxicology and Environmental Safety</i> , 2014, 103, 36-44.	2.9	12
138	A TME study with the fungicide pyrimethanil combined with different moisture regimes: effects on enchytraeids. <i>Ecotoxicology</i> , 2016, 25, 213-224.	1.1	12
139	Quality standards for urban waste composts: The need for biological effect data. <i>Science of the Total Environment</i> , 2019, 694, 133602.	3.9	12
140	Sub-lethal doses of sulfoxaflor impair honey bee homing ability. <i>Science of the Total Environment</i> , 2022, 837, 155710.	3.9	12
141	Short-Term Changes of Metal Availability in Soil. Part I: Comparing Sludge-Amended With Metal-Spiked Soils. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 199-208.	2.1	11
142	More frequent droughts slow down litter decomposition across European agroecosystems and increase the importance of earthworm functional diversity. <i>Applied Soil Ecology</i> , 2020, 153, 103628.	2.1	11
143	Semifield testing of a bioremediation tool for atrazine-contaminated soils: Evaluating the efficacy on soil and aquatic compartments. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1564-1572.	2.2	10
144	Disposal of dredged sediments in tropical soils: ecotoxicological evaluation based on bioassays with springtails and enchytraeids. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2916-2924.	2.7	10

#	ARTICLE	IF	CITATIONS
145	Nematode biomass and morphometric attributes as descriptors during a major <i>Zostera noltii</i> collapse. <i>Marine Biology</i> , 2018, 165, 1.	0.7	10
146	A simulation-based method to compare the pest suppression potential of predators: A case study with spiders. <i>Biological Control</i> , 2018, 123, 87-96.	1.4	10
147	Impact of no-tillage versus conventional maize plantation on soil mesofauna with and without the use of a lambda-cyhalothrin based insecticide: A terrestrial model ecosystem experiment. <i>Applied Soil Ecology</i> , 2020, 147, 103381.	2.1	10
148	TIME-DEPENDENT TOXICOKINETICS OF [14C]LINDANE IN THE TERRESTRIAL ISOPOD PORCELLIONIDES PRUINOSUS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2221.	2.2	9
149	Assessing the Brazilian prevention value for soil arsenic: Effects on emergence and growth of plant species relevant to tropical agroecosystems. <i>Science of the Total Environment</i> , 2019, 694, 133663.	3.9	9
150	Nonylphenol causes shifts in microbial communities and nitrogen mineralization in soil microcosms. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 395-403.	2.9	9
151	Physiological Stress Reactions in Red Deer Induced by Hunting Activities. <i>Animals</i> , 2020, 10, 1003.	1.0	9
152	Contaminants as habitat disturbers: PAH-driven drift by Andean paramo stream insects. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 89-94.	2.9	8
153	Effects of contaminated soils from a former iron mine (Ait Amar, Morocco) on enchytraeids (<i>Enchytraeus bigeminus</i>) and predatory mites (<i>Hypoaspis aculeifer</i>) in standard laboratory tests. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 90-97.	2.9	8
154	Disentangling the effects of the aqueous matrix on the potential toxicity of liquid pig manure in sub-tropical soils under semi-field conditions. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 457-465.	2.9	8
155	Collembola community structure under different land management in subtropical Brazil. <i>Annals of Applied Biology</i> , 2020, 177, 294-307.	1.3	8
156	Potential of <i>Eucalyptus globulus</i> for the phytoremediation of metals in a Moroccan iron mine soil—a case study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15782-15793.	2.7	8
157	Land-Use Effect on Olive Groves Pest <i>Prays oleae</i> and on Its Potential Biocontrol Agent <i>Chrysoperla carnea</i> . <i>Insects</i> , 2021, 12, 46.	1.0	8
158	Representativeness of <i>Folsomia candida</i> to assess toxicity of a new generation insecticide in different temperature scenarios. <i>Science of the Total Environment</i> , 2022, 837, 155712.	3.9	8
159	Ecotoxicological Effects and Risk Assessment of Pollutants. , 2018, , 191-216.		7
160	Biogeographic Patterns of Arbuscular Mycorrhizal Fungal Communities Along a Land-Use Intensification Gradient in the Subtropical Atlantic Forest Biome. <i>Microbial Ecology</i> , 2021, 82, 942-960.	1.4	7
161	Analysis of the distribution of endemic and rare arthropods in high endemism areas of Algarve-South Portugal. <i>Pedobiologia</i> , 2000, 44, 386-401.	0.5	6
162	Behavioral avoidance tests to evaluate effects of cattle slurry and dairy sludge application to soil ¹ . <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 1471-1477.	0.5	6

#	ARTICLE	IF	CITATIONS
163	Effects of management on plant litter traits and consequences for litter mass loss and Collembola functional diversity in a Mediterranean agro-forest system. <i>Pedobiologia</i> , 2019, 75, 38-51.	0.5	6
164	The effects of complex metal oxide mixtures on three soil invertebrates with contrasting biological traits. <i>Science of the Total Environment</i> , 2020, 738, 139921.	3.9	6
165	Metal oxides and annealed metals as alternatives to metal salts for fixed-ratio metal mixture ecotoxicity tests in soil. <i>PLoS ONE</i> , 2020, 15, e0229794.	1.1	6
166	Recommendations for assessing earthworm populations in Brazilian ecosystems. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 55, .	0.9	6
167	Are Great Tits (<i>Parus major</i>) Inhabiting the Vicinity of a Pulp Mill Healthy? Impacts on Physiology and Breeding Performance. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 502-512.	2.1	5
168	Indicators for monitoring soil biodiversity. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 717-719.	1.6	4
169	Do the passerine traits' dynamic patterns indicate the ecological status of agro-forestry ecosystems? A modelling approach for 'Montado' management assessments. <i>Global Ecology and Conservation</i> , 2016, 8, 154-169.	1.0	4
170	Haemosporidian infections affect antioxidant defences in great tits <i>Parus major</i> but are not related to exposure to aerial pollutants. <i>Parasitology Open</i> , 2017, 3, .	0.9	4
171	Application of a standard risk assessment scheme to a North Africa contaminated site (Sfax, Tunisia) -Tier 1. <i>Chemosphere</i> , 2021, 263, 128326.	4.2	4
172	Air temperature more than drought duration affects litter decomposition under flow intermittency. <i>Science of the Total Environment</i> , 2022, 829, 154666.	3.9	4
173	Exploring the Use of Species Sensitivity Distributions to Define Protective Limits for the Use of Organic Wastes as Soil Amendments. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1569-1576.	2.2	3
174	Spiders actively choose and feed on nutritious non-prey food resources. <i>Biological Control</i> , 2019, 129, 187-194.	1.4	3
175	Should oral exposure in <i>Hypoaspis aculeifer</i> tests be considered in order to keep them in Tier I test battery for ecological risk assessment of PPPs?. <i>Environmental Pollution</i> , 2019, 244, 871-876.	3.7	3
176	A Dynamic Shift in Soil Metal Risk Assessment, It is Time to Shift from Toxicokinetics to Toxicodynamics. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1307-1308.	2.2	3
177	Annual patterns of litter decomposition in the channel and riparian areas of an intermittent stream. <i>Aquatic Ecology</i> , 2021, 55, 519-526.	0.7	3
178	Community effect concentrations as a new concept to easily incorporate community data in environmental effect assessment of complex metal mixtures. <i>Journal of Hazardous Materials</i> , 2021, 411, 125088.	6.5	3
179	Landscape simplification increases <i>Bactrocera oleae</i> abundance in olive groves: adult population dynamics in different land uses. <i>Journal of Pest Science</i> , 2023, 96, 71-79.	1.9	3
180	Effects of a bionematicide 1,4-naphthoquinone solution on soil microbial community assessed by PLFA: Tracing toxicity indicators. <i>Applied Soil Ecology</i> , 2022, 174, 104417.	2.1	3

#	ARTICLE	IF	CITATIONS
181	Automatic counting the number of Collembola in digital images. , 2011, , .		2
182	Protecting Soil Biodiversity and Soil Functions: Current Status and Future Challenges. World Sustainability Series, 2016, , 249-263.	0.3	2
183	Increasing level of liquid pig manure reduces Eisenia andrei and Enchytraeus crypticus reproduction in subtropical soils. Scientific Reports, 2020, 10, 10687.	1.6	2
184	Soil and plant diet exposure routes and toxicokinetics of lindane in a terrestrial isopod. , 2000, 19, 2557.		2
185	The Recolonization Concentration Concept: Using Avoidance Assays with Soil Organisms to Predict the Recolonization Potential of Contaminated Sites. Toxics, 2022, 10, 127.	1.6	2
186	Amplified ribosomal DNA restriction analysis as a routine tool to assess toxicant driven changes in hindgut bacterial populations of Porcellio dilatatus (Crustacea: Isopoda). Journal of Environmental Monitoring, 2011, 13, 2102.	2.1	1
187	EcoPred: an educational individual based model to explain biological control, a case study within an arable land. Journal of Biological Education, 2020, 54, 271-286.	0.8	1
188	Assessing the most sensitive and reliable endpoints in plant growth tests to improve arsenic risk assessment. Science of the Total Environment, 2020, 708, 134753.	3.9	1
189	Environmental and genetic variation in body condition and blood profile of great tit<i>Parus major</i> nestlings. Journal of Avian Biology, 2009, 40, 157-165.	0.6	1
190	Developing an Agent-Based Model for Haplodrassus rufipes (Araneae: Gnaphosidae), a Generalist Predator Species of Olive Tree Pests: Conceptual Model Outline. Biology and Life Sciences Forum, 2020, 4, .	0.6	1
191	Ecotoxicological effects of untreated pig manure from diets with or without growth-promoting supplements on Eisenia andrei in subtropical soils. Environmental Science and Pollution Research, 2022, 29, 66705-66715.	2.7	1
192	Are structural and functional endpoints of soil communities similarly affected by metal mixtures? â€œ A terrestrial model ecosystem approach. Science of the Total Environment, 2021, 795, 148909.	3.9	0
193	New Challenges for the Ecological Risk Assessment of Plant Protection Products to Soil Organisms in the EU. Advances in Science, Technology and Innovation, 2018, , 7-8.	0.2	0
194	Biogeographic responses and niche occupancy of microbial communities following long-term land-use change. Antonie Van Leeuwenhoek, 0, , .	0.7	0