

# THomas Bolger

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,409  
citations

201674

27  
h-index

214800

47  
g-index

67  
all docs

67  
docs citations

67  
times ranked

3689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. <i>Biodiversity and Conservation</i> , 2010, 19, 2921-2947.	2.6	385
2	Global distribution of earthworm diversity. <i>Science</i> , 2019, 366, 480-485.	12.6	248
3	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.	4.3	184
4	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.	6.3	80
5	Recalcitrant soil organic materials mineralize more efficiently at higher temperatures. <i>Journal of Plant Nutrition and Soil Science</i> , 2003, 166, 300-307.	1.9	77
6	Changes in Collembola richness and diversity along a gradient of land-use intensity: A pan European study. <i>Pedobiologia</i> , 2006, 50, 147-156.	1.2	68
7	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.	4.3	68
8	The effects of earthworm functional group diversity on nitrogen dynamics in soils. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2629-2636.	8.8	67
9	Collembola abundances and assemblage structures in conventionally tilled and conservation tillage arable systems. <i>Pedobiologia</i> , 2006, 50, 135-145.	1.2	63
10	Temperature, wetting cycles and soil texture effects on carbon and nitrogen dynamics in stabilized earthworm casts. <i>Soil Biology and Biochemistry</i> , 2000, 32, 335-349.	8.8	57
11	Decomposition of <sup>13</sup> C-labelled plant material in a European 65°40' latitudinal transect of coniferous forest soils: simulation of climate change by translocation of soils. <i>Soil Biology and Biochemistry</i> , 2000, 32, 527-543.	8.8	57
12	An improved model to predict the effects of changing biodiversity levels on ecosystem function. <i>Journal of Ecology</i> , 2013, 101, 344-355.	4.0	56
13	Growth, reproduction and litter and soil consumption by <i>Lumbricus terrestris</i> L. in reclaimed peat. <i>Soil Biology and Biochemistry</i> , 1984, 16, 253-257.	8.8	50
14	Trophic level modulates carabid beetle responses to habitat and landscape structure: a pan-European study. <i>Ecological Entomology</i> , 2010, 35, 226-235.	2.2	47
15	The drilosphere concept: Fine-scale incorporation of surface residue-derived N and C around natural <i>Lumbricus terrestris</i> burrows. <i>Soil Biology and Biochemistry</i> , 2013, 64, 136-138.	8.8	45
16	Assessment of allometric algorithms for estimating leaf biomass, leaf area index and litter fall in different-aged Sitka spruce forests. <i>Forestry</i> , 2006, 79, 453-465.	2.3	43
17	The effects of earthworm functional diversity on microbial biomass and the microbial community level physiological profile of soils. <i>European Journal of Soil Biology</i> , 2008, 44, 65-70.	3.2	39
18	Carbon stock and stock changes across a Sitka spruce chronosequence on surface-water gley soils. <i>Forestry</i> , 2009, 82, 255-272.	2.3	39

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Biogeochemistry, 2001, 54, 147-170.	3.5	36
20	Organic matter composition and the protist and nematode communities around anecic earthworm burrows. Biology and Fertility of Soils, 2016, 52, 91-100.	4.3	35
21	Phenolic and carbohydrate signatures of organic matter in soils developed under grass and forest plantations following changes in land use. European Journal of Soil Science, 1997, 48, 311-317.	3.9	34
22	Interactions between atmospheric CO2 enrichment and soil fauna. Plant and Soil, 2000, 224, 123-134.	3.7	34
23	Title is missing!. Plant and Soil, 1998, 205, 113-124.	3.7	33
24	Soil organic carbon stocks of afforested peatlands in Ireland. Forestry, 2011, 84, 441-451.	2.3	32
25	Cross-taxa congruence, indicators and environmental gradients in soils under agricultural and extensive land management. European Journal of Soil Biology, 2012, 49, 55-62.	3.2	32
26	Effect of Components of 'Acid Rain' on the Contribution of Soil Microarthropods to Ecosystem Function. Journal of Applied Ecology, 1996, 33, 1329.	4.0	31
27	Title is missing!. Biogeochemistry, 1997, 39, 295-326.	3.5	29
28	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. Scientific Data, 2021, 8, 136.	5.3	29
29	Effects of set-aside management on birds breeding in lowland Ireland. Agriculture, Ecosystems and Environment, 2006, 117, 178-184.	5.3	28
30	Decomposition of Quercus petraea litter: influence of burial, comminution and earthworms. Soil Biology and Biochemistry, 2000, 32, 1989-2000.	8.8	27
31	Effect of earthworm cast formation on the stabilization of organic matter in fine soil fractions. European Journal of Soil Biology, 2001, 37, 251-254.	3.2	22
32	Stability, ephemerality and dispersal ability: microarthropod assemblages on fungal sporophores. Biological Journal of the Linnean Society, 1997, 62, 111-131.	1.6	21
33	Title is missing!. Biogeochemistry, 1997, 38, 255-280.	3.5	21
34	Mite community composition across a European transect and its relationships to variation in other components of soil biodiversity. Applied Soil Ecology, 2016, 97, 86-97.	4.3	21
35	Earthworm functional traits and interspecific interactions affect plant nitrogen acquisition and primary production. Applied Soil Ecology, 2016, 104, 148-156.	4.3	19
36	Analysis of spatial patterns informs community assembly and sampling requirements for Collembola in forest soils. Acta Oecologica, 2018, 86, 23-30.	1.1	18

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37	The occurrence of species of semi-aquatic Enchytraeidae (Oligochaeta) in Ireland. <i>Hydrobiologia</i> , 1984, 115, 159-170.	2.0	17
38	Evenness and plant species identity affect earthworm diversity and community structure in grassland soils. <i>Soil Biology and Biochemistry</i> , 2013, 57, 713-719.	8.8	17
39	Intraspecific aggregation, 'probability niches' and the diversity of soil microarthropod assemblages. <i>Applied Soil Ecology</i> , 1998, 9, 63-67.	4.3	15
40	A multivariate analysis of cropping effects on Irish ground beetle assemblages (Coleoptera: Carabidae) in mixed arable and grass farmland. <i>Annals of Applied Biology</i> , 2001, 139, 351-360.	2.5	15
41	Biomass, growth, and secondary production of <i>Arcitalitrus dorrieni</i> (Crustacea: Amphipoda: Tj ETQq1 1 0.784314 rgBTJ/Overl	1.7	13
42	Title is missing!. <i>Biogeochemistry</i> , 1998, 41, 71-88.	3.5	13
43	Variation between mite communities in Irish forest types " Importance of bark and moss cover in canopy. <i>Pedobiologia</i> , 2013, 56, 241-250.	1.2	13
44	Characterisation of dairy soiled water in a survey of 60 Irish dairy farms. <i>Irish Journal of Agricultural and Food Research</i> , 2015, 54, 1-16.	0.4	13
45	Hierarchical analysis of mite community structures in Irish forests "A study of the relative contribution of location, forest type and microhabitat. <i>Applied Soil Ecology</i> , 2014, 83, 39-43.	4.3	12
46	Local stability properties of complex, species-rich soil food webs with functional block structure. <i>Ecology and Evolution</i> , 2021, 11, 16070-16081.	1.9	11
47	Diverse Mite Communities (Acari: Oribatida, Mesostigmata) from a Broadleaf Forest in Western Norway. <i>Annales Zoologici Fennici</i> , 2019, 56, 121.	0.6	10
48	The effects of earthworm functional group diversity on earthworm community structure. <i>Pedobiologia</i> , 2007, 50, 479-487.	1.2	9
49	Urbanisation of Protected Areas within the European Union "An Analysis of UNESCO Biospheres and the Need for New Strategies. <i>Sustainability</i> , 2019, 11, 5899.	3.2	8
50	The Mesostigmatid mite (Acari, Mesostigmata) community in canopies of Sitka spruce in Ireland and a comparison with ground moss habitats. <i>Graellsia</i> , 2010, 66, 29-37.	0.2	8
51	The importance of <i>Arcitalitrus dorrieni</i> (Hunt) (Crustacea: Amphipoda: Talitridae) in coniferous litter breakdown. <i>Applied Soil Ecology</i> , 1999, 11, 29-33.	4.3	7
52	Oribatid mites (Acari: Oribatida) recorded from Ireland: Catalogue, historical records, species habitats and geographical distribution, combinations, variations and synonyms. <i>Zootaxa</i> , 2017, 4328, .	0.5	6
53	A catalogue of the species of Mesostigmata (Arachnida, Acari, Parasitiformes) recorded from Ireland including information on their geographical distribution and habitats. <i>Zootaxa</i> , 2018, 4519, 1-220.	0.5	6
54	High Diversity of Mites (Acari: Oribatida, Mesostigmata) Supports the High Conservation Value of a Broadleaf Forest in Eastern Norway. <i>Forests</i> , 2021, 12, 1098.	2.1	6

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55	A Forest Pool as a Habitat Island for Mites in a Limestone Forest in Southern Norway. <i>Diversity</i> , 2021, 13, 578.	1.7	6
56	Morphological ontogeny of <i>Chamobates pusillus</i> (Acari, Oribatida, Chamobatidae), with comments on some species of <i>Chamobates</i> Hull. <i>Systematic and Applied Acarology</i> , 2018, 23, 339.	0.5	5
57	Three new species of mites (Acari: Zerconidae) from canopy habitats in Irish forests. <i>Zootaxa</i> , 2009, 2019, 29-39.	0.5	4
58	The mite (Arachnida: Acari) fauna inhabiting Irish machair: a European Union priority coastal habitat. <i>Journal of Coastal Conservation</i> , 2011, 15, 181-194.	1.6	4
59	Nitrogen fertilizer replacement value of dairy soiled water in grass swards as affected by timing and rate of application. <i>Grass and Forage Science</i> , 2021, 76, 270-281.	2.9	2
60	Stability, ephemerality and dispersal ability: microarthropod assemblages on fungal sporophores. <i>Biological Journal of the Linnean Society</i> , 1997, 62, 111-131.	1.6	2
61	Aspects of the life history and reproductive biology of the introduced terrestrial amphipod <i>Arcitalitrus dorrieni</i> (Hunt) at two sites in Co. Galway, Ireland. <i>Journal of Natural History</i> , 1997, 31, 1175-1202.	0.5	1
62	Collembola of North Bull Island – new records for the Irish coast. <i>Fragmenta Faunistica</i> , 2004, 47, 47-50.	0.0	1
63	Size At Maturity and Sex Ratio of <i>Arcitalitrus Dorrieni</i> (Hunt, 1925) (Amphipoda, Talitridae) At Two Sites in County Galway, Ireland. <i>Crustaceana</i> , 1997, 70, 676-693.	0.3	0
64	Reply to Comments on “Recalcitrant soil organic materials mineralize more efficiently at higher temperatures” by T. Bolger. <i>Journal of Plant Nutrition and Soil Science</i> , 2003, 166, 778-779.	1.9	0
65	<i>Astacopsidrilus hibernicus</i> sp. nov. (Phreodrilidae, Oligochaeta, Annelida) from Irish peatlands. <i>Zoosymposia</i> , 2020, 17, 34-44.	0.3	0