# THomas Bolger

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1646861/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 65 papers | 2,409 citations | 201575 27 h-index | 214721 47 g-index |
| 67 all docs | 67 docs citations | 67 times ranked | 3689 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nitrogen fertilizer replacement value of dairy soiled water in grass swards as affected by timing and rate of application. Grass and Forage Science, 2021, 76, 270-281. | 1.2 | 2 |
| 2 | Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. Scientific Data, 2021, 8, 136. | 2.4 | 29 |
| 3 | High Diversity of Mites (Acari: Oribatida, Mesostigmata) Supports the High Conservation Value of a Broadleaf Forest in Eastern Norway. Forests, 2021, 12, 1098. | 0.9 | 6 |
| 4 | Local stability properties of complex, speciesâ€rich soil food webs with functional block structure. Ecology and Evolution, 2021, 11, 16070-16081. | 0.8 | 11 |
| 5 | A Forest Pool as a Habitat Island for Mites in a Limestone Forest in Southern Norway. Diversity, 2021, 13, 578. | 0.7 | 6 |
| 6 | <p class="HeadingRunIn"><strong><em>Astacopsidrilus hibernicu</em><em>s</em> sp. nov. (Phreodrilidae, Oligochaeta, Annelida) from Irish peatlands</strong></p>. Zoosymposia, 2020, 17, 34-44. | 0.3 | 0 |
| 7 | Global distribution of earthworm diversity. Science, 2019, 366, 480-485. | 6.0 | 248 |
| 8 | Urbanisation of Protected Areas within the European Unionâ€”An Analysis of UNESCO Biospheres and the Need for New Strategies. Sustainability, 2019, 11, 5899. | 1.6 | 8 |
| 9 | Diverse Mite Communities (Acari: Oribatida, Mesostigmata) from a Broadleaf Forest in Western Norway. Annales Zoologici Fennici, 2019, 56, 121. | 0.2 | 10 |
| 10 | Morphological ontogeny of Chamobates pusillus (Acari, Oribatida, Chamobatidae), with comments on some species of Chamobates Hull. Systematic and Applied Acarology, 2018, 23, 339. | 0.5 | 5 |
| 11 | Analysis of spatial patterns informs community assembly and sampling requirements for Collembola in forest soils. Acta Oecologica, 2018, 86, 23-30. | 0.5 | 18 |
| 12 | A catalogue of the species of Mesostigmata (Arachnida, Acari, Parasitiformes) recorded from Ireland including information on their geographical distribution and habitats. Zootaxa, 2018, 4519, 1-220. | 0.2 | 6 |
| 13 | Oribatid mites (Acari: Oribatida) recorded from Ireland: Catalogue, historical records, species habitats and geographical distribution, combinations, variations and synonyms. Zootaxa, 2017, 4328, . | 0.2 | 6 |
| 14 | Selecting cost effective and policy-relevant biological indicators for European monitoring of soil biodiversity and ecosystem function. Ecological Indicators, 2016, 69, 213-223. | 2.6 | 80 |
| 15 | Earthworm functional traits and interspecific interactions affect plant nitrogen acquisition and primary production. Applied Soil Ecology, 2016, 104, 148-156. | 2.1 | 19 |
| 16 | Organic matter composition and the protist and nematode communities around anecic earthworm burrows. Biology and Fertility of Soils, 2016, 52, 91-100. | 2.3 | 35 |
| 17 | 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. | 2.1 | 21 |
| 18 | Ecological network analysis reveals the inter-connection between soil biodiversity and ecosystem function as affected by land use across Europe. Applied Soil Ecology, 2016, 97, 112-124. | 2.1 | 184 |

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|---|---|---|---|
| 19 | Traits of collembolan life-form indicate land use types and soil properties across an European transect. Applied Soil Ecology, 2016, 97, 69-77. | 2.1 | 68 |
| 20 | Characterisation of dairy soiled water in a survey of 60 Irish dairy farms. Irish Journal of Agricultural and Food Research, 2015, 54, 1-16. | 0.2 | 13 |
| 21 | Hierarchical analysis of mite community structures in Irish forestsâ€"A study of the relative contribution of location, forest type and microhabitat. Applied Soil Ecology, 2014, 83, 39-43. | 2.1 | 12 |
| 22 | An improved model to predict the effects of changing biodiversity levels on ecosystem function. Journal of Ecology, 2013, 101, 344-355. | 1.9 | 56 |
| 23 | The drilosphere concept: Fine-scale incorporation of surface residue-derived NÂand C around natural Lumbricus terrestris burrows. Soil Biology and Biochemistry, 2013, 64, 136-138. | 4.2 | 45 |
| 24 | Variation between mite communities in Irish forest types â€“ Importance of bark and moss cover in canopy. Pedobiologia, 2013, 56, 241-250. | 0.5 | 13 |
| 25 | Evenness and plant species identity affect earthworm diversity and community structure in grassland soils. Soil Biology and Biochemistry, 2013, 57, 713-719. | 4.2 | 17 |
| 26 | Cross-taxa congruence, indicators and environmental gradients in soils under agricultural and extensive land management. European Journal of Soil Biology, 2012, 49, 55-62. | 1.4 | 32 |
| 27 | The mite (Arachnida: Acari) fauna inhabiting Irish machair: a European Union priority coastal habitat. Journal of Coastal Conservation, 2011, 15, 181-194. | 0.7 | 4 |
| 28 | Soil organic carbon stocks of afforested peatlands in Ireland. Forestry, 2011, 84, 441-451. | 1.2 | 32 |
| 29 | Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. Biodiversity and Conservation, 2010, 19, 2921-2947. | 1.2 | 385 |
| 30 | Trophic level modulates carabid beetle responses to habitat and landscape structure: a panâ€European study. Ecological Entomology, 2010, 35, 226-235. | 1.1 | 47 |
| 31 | The Mesostigmatid mite (Acari, Mesostigmata) community in canopies of Sitka spruce in Ireland and a comparison with ground moss habitats. Graellsia, 2010, 66, 29-37. | 0.1 | 8 |
| 32 | Three new species of mites (Acari: Zerconidae) from canopy habitats in Irish forests. Zootaxa, 2009, 2019, 29-39. | 0.2 | 4 |
| 33 | Carbon stock and stock changes across a Sitka spruce chronosequence on surface-water gley soils. Forestry, 2009, 82, 255-272. | 1.2 | 39 |
| 34 | The effects of earthworm functional diversity on microbial biomass and the microbial community level physiological profile of soils. European Journal of Soil Biology, 2008, 44, 65-70. | 1.4 | 39 |
| 35 | The effects of earthworm functional group diversity on earthworm community structure. Pedobiologia, 2007, 50, 479-487. | 0.5 | 9 |
| 36 | Collembola abundances and assemblage structures in conventionally tilled and conservation tillage arable systems. Pedobiologia, 2006, 50, 135-145. | 0.5 | 63 |

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| 37 | Changes in Collembola richness and diversity along a gradient of land-use intensity: A pan European study. Pedobiologia, 2006, 50, 147-156. | 0.5 | 68 |
| 38 | Effects of set-aside management on birds breeding in lowland Ireland. Agriculture, Ecosystems and Environment, 2006, 117, 178-184. | 2.5 | 28 |
| 39 | The effects of earthworm functional group diversity on nitrogen dynamics in soils. Soil Biology and Biochemistry, 2006, 38, 2629-2636. | 4.2 | 67 |
| 40 | Assessment of allometric algorithms for estimating leaf biomass, leaf area index and litter fall in different-aged Sitka spruce forests. Forestry, 2006, 79, 453-465. | 1.2 | 43 |
| 41 | Collembola of North Bull Island â€“ new records for the Irish coast. Fragmenta Faunistica, 2004, 47, 47-50. | 0.2 | 1 |
| 42 | Recalcitrant soil organic materials mineralize more efficiently at higher temperatures. Journal of Plant Nutrition and Soil Science, 2003, 166, 300-307. | 1.1 | 77 |
| 43 | Reply to Comments onâ€œRecalcitrant soil organic materials mineralize more efficiently at higher temperaturesâ€•by T. Bolger. Journal of Plant Nutrition and Soil Science, 2003, 166, 778-779. | 1.1 | 0 |
| 44 | Effect of earthworm cast formation on the stabilization of organic matter in fine soil fractions. European Journal of Soil Biology, 2001, 37, 251-254. | 1.4 | 22 |
| 45 | Title is missing!. Biogeochemistry, 2001, 54, 147-170. | 1.7 | 36 |
| 46 | A multivariate analysis of cropping effects on Irish ground beetle assemblages (Coleoptera: Carabidae) in mixed arable and grass farmland. Annals of Applied Biology, 2001, 139, 351-360. | 1.3 | 15 |
| 47 | Interactions between atmospheric CO2 enrichment and soil fauna. Plant and Soil, 2000, 224, 123-134. | 1.8 | 34 |
| 48 | Decomposition of Quercus petraea litter: influence of burial, comminution and earthworms. Soil Biology and Biochemistry, 2000, 32, 1989-2000. | 4.2 | 27 |
| 49 | Temperature, wetting cycles and soil texture effects on carbon and nitrogen dynamics in stabilized earthworm casts. Soil Biology and Biochemistry, 2000, 32, 335-349. | 4.2 | 57 |
| 50 | Decomposition of 13C-labelled plant material in a European 65â€“40Â° latitudinal transect of coniferous forest soils: simulation of climate change by translocation of soils. Soil Biology and Biochemistry, 2000, 32, 527-543. | 4.2 | 57 |
| 51 | The importance of Arcitalitrus dorrieni (Hunt) (Crustacea: Amphipoda: Talitridae) in coniferous litter breakdown. Applied Soil Ecology, 1999, 11, 29-33. | 2.1 | 7 |
| 52 | Title is missing!. Biogeochemistry, 1998, 41, 71-88. | 1.7 | 13 |
| 53 | Title is missing!. Plant and Soil, 1998, 205, 113-124. | 1.8 | 33 |
| 54 | Intraspecific aggregation, `probability niches' and the diversity of soil microarthropod assemblages. Applied Soil Ecology, 1998, 9, 63-67. | 2.1 | 15 |

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|---|---|---|---|
| 55 | Size At Maturity and Sex Ratio of Arcitalitrus Dorrieni (Hunt, 1925) (Amphipoda, Talitridae) At Two Sites in County Galway, Ireland. Crustaceana, 1997, 70, 676-693. | 0.1 | 0 |
| 56 | Aspects of the life history and reproductive biology of the introduced terrestrial amphipodArcitalitrus dorrieni(Hunt) at two sites in Co. Galway, Ireland. Journal of Natural History, 1997, 31, 1175-1202. | 0.2 | 1 |
| 57 | 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. | 1.8 | 34 |
| 58 | Biomass, growth, and secondary production of Arcitalitrus dorrieni (Crustacea: Amphipoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.8 | 13 |
| 59 | Stability, ephemerality and dispersal ability: microarthropod assemblages on fungal sporophores. Biological Journal of the Linnean Society, 1997, 62, 111-131. | 0.7 | 21 |
| 60 | Title is missing!. Biogeochemistry, 1997, 39, 295-326. | 1.7 | 29 |
| 61 | Title is missing!. Biogeochemistry, 1997, 38, 255-280. | 1.7 | 21 |
| 62 | Stability, ephemerality and dispersal ability: microarthropod assemblages on fungal sporophores. Biological Journal of the Linnean Society, 1997, 62, 111-131. | 0.7 | 2 |
| 63 | Effect of Components of 'Acid Rain' on the Contribution of Soil Microarthropods to Ecosystem Function. Journal of Applied Ecology, 1996, 33, 1329. | 1.9 | 31 |
| 64 | The occurrence of species of semi-aquatic Enchytraeidae (Oligochaeta) in Ireland. Hydrobiologia, 1984, 115, 159-170. | 1.0 | 17 |
| 65 | Growth, reproduction and litter and soil consumption by Lumbricus terrestris L. in reclaimed peat. Soil Biology and Biochemistry, 1984, 16, 253-257. | 4.2 | 50 |