

Martin Potthoff

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,139
citations

471371

17
h-index

477173

29
g-index

32
all docs

32
docs citations

32
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of Collembola for litter decomposition under minimum and conventional tillage. <i>Journal of Plant Nutrition and Soil Science</i> , 2022, 185, 529-538.	1.1	2
2	The Effects of Conservation Tillage on Chemical and Microbial Soil Parameters at Four Sites across Europe. <i>Plants</i> , 2022, 11, 1747.	1.6	9
3	Crop residue displacement by soil inversion: Annelid responses and their impact on carbon and nitrogen dynamics in a lab-based mesocosm study. <i>Applied Soil Ecology</i> , 2021, 167, 104151.	2.1	1
4	From Practices to Values: Farmers's Relationship with Soil Biodiversity in Europe. <i>Sociologia Ruralis</i> , 2020, 60, 596-620.	1.8	7
5	Transdisciplinary Bioblitz: Rapid biotic and abiotic inventory allows studying environmental changes over 60 years at the Biological Field Station of Paimpont (Brittany, France) and opens new interdisciplinary research opportunities. <i>Biodiversity Data Journal</i> , 2020, 8, e50451.	0.4	4
6	Winter decomposition of maize leaf litter at arable silt and clay sites, using a reciprocal soil transplantation approach. <i>European Journal of Soil Biology</i> , 2019, 93, 103088.	1.4	2
7	Towards valuation of biodiversity in agricultural soils: A case for earthworms. <i>Ecological Economics</i> , 2019, 159, 291-300.	2.9	60
8	Fungal plant pathogens on inoculated maize leaves in a simulated soil warming experiment. <i>Applied Soil Ecology</i> , 2018, 124, 75-82.	2.1	3
9	Soil biota in vineyards are more influenced by plants and soil quality than by tillage intensity or the surrounding landscape. <i>Scientific Reports</i> , 2017, 7, 17445.	1.6	44
10	Priming effects of <i>Aporrectodea caliginosa</i> on young rhizodeposits and old soil organic matter following wheat straw addition. <i>European Journal of Soil Biology</i> , 2015, 70, 38-45.	1.4	13
11	Effects of addition of maize litter and earthworms on C mineralization and aggregate formation in single and mixed soils differing in soil organic carbon and clay content. <i>Pedobiologia</i> , 2014, 57, 161-169.	0.5	26
12	Substrate use and survival of fungal plant pathogens on maize residues at winter temperatures around freezing point. <i>Soil Biology and Biochemistry</i> , 2014, 77, 141-149.	4.2	5
13	Microbial use of ¹⁵ N-labelled maize residues affected by winter temperature scenarios. <i>Soil Biology and Biochemistry</i> , 2013, 65, 22-32.	4.2	24
14	Genetic comparisons between North American and European populations of <i>Lumbricus terrestris</i> L. <i>Biochemical Systematics and Ecology</i> , 2012, 45, 23-30.	0.6	13
15	Decomposition of ¹⁵ N-labelled maize leaves in soil affected by endogeic geophagous <i>Aporrectodea caliginosa</i> . <i>Soil Biology and Biochemistry</i> , 2010, 42, 276-282.	4.2	21
16	Using earthworms as model organisms in the laboratory: Recommendations for experimental implementations. <i>Pedobiologia</i> , 2010, 53, 119-125.	0.5	126
17	Below and aboveground responses to lupines and litter mulch in a California grassland restored with native bunchgrasses. <i>Applied Soil Ecology</i> , 2009, 42, 124-133.	2.1	7
18	Decomposition of maize residues after manipulation of colonization and its contribution to the soil microbial biomass. <i>Biology and Fertility of Soils</i> , 2008, 44, 891-895.	2.3	37

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19	Effect of litter quality and soil fungi on macroaggregate dynamics and associated partitioning of litter carbon and nitrogen. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1823-1835.	4.2	103
20	Earthworm communities in temperate beech wood forest soils affected by liming. <i>European Journal of Soil Biology</i> , 2008, 44, 247-254.	1.4	27
21	Effect of reduced tillage systems on earthworm communities in a 6-year organic rotation. <i>European Journal of Soil Biology</i> , 2007, 43, S209-S215.	1.4	27
22	Soil microbial community composition as affected by restoration practices in California grassland. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1851-1860.	4.2	145
23	Microbial biomass and activity under oxic and anoxic conditions as affected by nitrate additions. <i>Journal of Plant Nutrition and Soil Science</i> , 2006, 169, 108-115.	1.1	14
24	Soil Biological and Chemical Properties in Restored Perennial Grassland in California. <i>Restoration Ecology</i> , 2005, 13, 61-73.	1.4	76
25	Microbial reaction in activity, biomass, and community structure after long-term continuous mixing of a grassland soil. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1249-1258.	4.2	44
26	Dynamics of maize (<i>Zea mays</i> L.) leaf straw mineralization as affected by the presence of soil and the availability of nitrogen. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1259-1266.	4.2	86
27	Carbon and nitrogen mineralization after maize harvest between and within maize rows: a microcosm study using ^{13}C natural abundance. <i>Journal of Plant Nutrition and Soil Science</i> , 2004, 167, 270-276.	1.1	10
28	The determination of $\delta^{13}\text{C}$ in soil microbial biomass using fumigation-extraction. <i>Soil Biology and Biochemistry</i> , 2003, 35, 947-954.	4.2	93
29	Greenhouse estimates of CO_2 and N_2O emissions following surface application of grass mulch: importance of indigenous microflora of mulch. <i>Soil Biology and Biochemistry</i> , 2002, 34, 875-879.	4.2	54
30	Short-term effects of earthworm activity and straw amendment on the microbial C and N turnover in a remoistened arable soil after summer drought. <i>Soil Biology and Biochemistry</i> , 2001, 33, 583-591.	4.2	56
31	How does soil biota matter in soil management in Europe? Exploring temporal dynamics and situation dependence in valuation processes. <i>International Journal of Agricultural Sustainability</i> , 0, , 1-24.	1.3	0