Martin Potthoff

List of Publications by Year
in descending order

31	1,139	471371 17	477173 29
papers	citations	h-index	g-index

32	32	32	1475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil microbial community composition as affected by restoration practices in California grassland. Soil Biology and Biochemistry, 2006, 38, 1851-1860.	4.2	145
2	Using earthworms as model organisms in the laboratory: Recommendations for experimental implementations. Pedobiologia, 2010, 53, 119-125.	0.5	126
3	Effect of litter quality and soil fungi on macroaggregate dynamics and associated partitioning of litter carbon and nitrogen. Soil Biology and Biochemistry, 2008, 40, 1823-1835.	4.2	103
4	The determination of Î´13C in soil microbial biomass using fumigation-extraction. Soil Biology and Biochemistry, 2003, 35, 947-954.	4.2	93
5	Dynamics of maize (Zea mays L.) leaf straw mineralization as affected by the presence of soil and the availability of nitrogen. Soil Biology and Biochemistry, 2005, 37, 1259-1266.	4.2	86
6	Soil Biological and Chemical Properties in Restored Perennial Grassland in California. Restoration Ecology, 2005, 13, 61-73.	1.4	76
7	Towards valuation of biodiversity in agricultural soils: A case for earthworms. Ecological Economics, 2019, 159, 291-300.	2.9	60
8	Short-term effects of earthworm activity and straw amendment on the microbial C and N turnover in a remoistened arable soil after summer drought. Soil Biology and Biochemistry, 2001, 33, 583-591.	4.2	56
9	Greenhouse estimates of CO 2 and N 2 O emissions following surface application of grass mulch: importance of indigenous microflora of mulch. Soil Biology and Biochemistry, 2002, 34, 875-879.	4.2	54
10	Microbial reaction in activity, biomass, and community structure after long-term continuous mixing of a grassland soil. Soil Biology and Biochemistry, 2005, 37, 1249-1258.	4.2	44
11	Soil biota in vineyards are more influenced by plants and soil quality than by tillage intensity or the surrounding landscape. Scientific Reports, 2017, 7, 17445.	1.6	44
12	Decomposition of maize residues after manipulation of colonization and its contribution to the soil microbial biomass. Biology and Fertility of Soils, 2008, 44, 891-895.	2.3	37
13	Effect of reduced tillage systems on earthworm communities in a 6-year organic rotation. European Journal of Soil Biology, 2007, 43, S209-S215.	1.4	27
14	Earthworm communities in temperate beech wood forest soils affected by liming. European Journal of Soil Biology, 2008, 44, 247-254.	1.4	27
15	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. Pedobiologia, 2014, 57, 161-169.	0.5	26
16	Microbial use of 15N-labelled maize residues affected by winter temperature scenarios. Soil Biology and Biochemistry, 2013, 65, 22-32.	4.2	24
17	Decomposition of 15N-labelled maize leaves in soil affected by endogeic geophagous Aporrectodea caliginosa. Soil Biology and Biochemistry, 2010, 42, 276-282.	4.2	21
18	Microbial biomass and activity under oxic and anoxic conditions as affected by nitrate additions. Journal of Plant Nutrition and Soil Science, 2006, 169, 108-115.	1.1	14

#	Article	IF	Citations
19	Genetic comparisons between North American and European populations of Lumbricus terrestris L.. Biochemical Systematics and Ecology, 2012, 45, 23-30.	0.6	13
20	Priming effects of Aporrectodea caliginosa on young rhizodeposits and old soil organic matter following wheat straw addition. European Journal of Soil Biology, 2015, 70, 38-45.	1.4	13
21	Carbon and nitrogen mineralization after maize harvest between and within maize rows: a microcosm study using13C natural abundance. Journal of Plant Nutrition and Soil Science, 2004, 167, 270-276.	1.1	10
22	The Effects of Conservation Tillage on Chemical and Microbial Soil Parameters at Four Sites across Europe. Plants, 2022, 11, 1747.	1.6	9
23	Below and aboveground responses to lupines and litter mulch in a California grassland restored with native bunchgrasses. Applied Soil Ecology, 2009, 42, 124-133.	2.1	7
24	From Practices to Values: Farmersâ€™ Relationship with Soil Biodiversity in Europe. Sociologia Ruralis, 2020, 60, 596-620.	1.8	7
25	Substrate use and survival of fungal plant pathogens on maize residues at winter temperatures around freezing point. Soil Biology and Biochemistry, 2014, 77, 141-149.	4.2	5
26	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. Biodiversity Data Journal, 2020, 8, e50451.	0.4	4
27	Fungal plant pathogens on inoculated maize leaves in a simulated soil warming experiment. Applied Soil Ecology, 2018, 124, 75-82.	2.1	3
28	Winter decomposition of maize leaf litter at arable silt and clay sites, using a reciprocal soil transplantation approach. European Journal of Soil Biology, 2019, 93, 103088.	1.4	2
29	The role of Collembola for litter decomposition under minimum and conventional tillage. Journal of Plant Nutrition and Soil Science, 2022, 185, 529-538.	1.1	2
30	Crop residue displacement by soil inversion: Annelid responses and their impact on carbon and nitrogen dynamics in a lab-based mesocosm study. Applied Soil Ecology, 2021, 167, 104151.	2.1	1
31	How does soil biota matter in soil management in Europe? Exploring temporal dynamics and situation dependence in valuation processes. International Journal of Agricultural Sustainability, 0, , 1-24.	1.3	0