

# Patricia Fraser

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,076  
citations

471509

17  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Earthworms for inclusion as an indicator of soil biological health in New Zealand pastures. <i>New Zealand Journal of Agricultural Research</i> , 2023, 66, 208-223.	1.6	2
2	Relationship between earthworm abundance, ecological diversity and soil function in pastures. <i>Soil Research</i> , 2021, 59, 767-777.	1.1	3
3	Predicting soil pH changes in response to application of urea and sheep urine. <i>Journal of Environmental Quality</i> , 2020, 49, 1445-1452.	2.0	11
4	Tillage, compaction and wetting effects on NO <sub>3</sub> , N <sub>2</sub> O and N <sub>2</sub> losses. <i>Soil Research</i> , 2019, 57, 670.	1.1	16
5	Intensification of pastoral systems influences earthworm populations. <i>New Zealand Journal of Agricultural Research</i> , 2017, 60, 423-436.	1.6	6
6	Effects of irrigation intensity on preferential solute transport in a stony soil. <i>New Zealand Journal of Agricultural Research</i> , 2016, 59, 141-155.	1.6	18
7	Sources of variability in the effectiveness of winter cover crops for mitigating N leaching. <i>Agriculture, Ecosystems and Environment</i> , 2016, 220, 226-235.	5.3	48
8	Loss of soil organic matter following cultivation of long-term pasture: effects on major exchangeable cations and cation exchange capacity. <i>Soil Research</i> , 2015, 53, 377.	1.1	17
9	Alleviation of take-all in wheat by the earthworm <i>Aporrectodea caliginosa</i> (Savigny). <i>Applied Soil Ecology</i> , 2015, 90, 18-25.	4.3	8
10	Winter Nitrate Leaching under Different Tillage and Winter Cover Crop Management Practices. <i>Soil Science Society of America Journal</i> , 2013, 77, 1391-1401.	2.2	58
11	Influence of summer irrigation on soil invertebrate populations in a long-term sheep irrigation trial at Winchmore (Canterbury). <i>New Zealand Journal of Agricultural Research</i> , 2012, 55, 165-180.	1.6	34
12	Temporal Changes in Soil Surface Elevation under Different Tillage Systems. <i>Soil Science Society of America Journal</i> , 2010, 74, 1743-1749.	2.2	12
13	Factors associated with stem base and root diseases of New Zealand wheat and barley crops. <i>Australasian Plant Pathology</i> , 2006, 35, 391.	1.0	32
14	Interactions between earthworms ( <i>Aporrectodea caliginosa</i> ), plants and crop residues for restoring properties of a degraded arable soil. <i>Pedobiologia</i> , 2003, 47, 870-876.	1.2	4
15	Casts of <i>Aporrectodea caliginosa</i> (Savigny) and <i>Lumbricus rubellus</i> (Hoffmeister) differ in microbial activity, nutrient availability and aggregate stability. <i>Pedobiologia</i> , 2003, 47, 882-887.	1.2	9
16	Soil organic matter as influenced by straw management practices and inclusion of grass and clover seed crops in cereal rotations. <i>Soil Research</i> , 2003, 41, 95.	1.1	25
17	Casts of <i>Aporrectodea caliginosa</i> (Savigny) and <i>Lumbricus rubellus</i> (Hoffmeister) differ in microbial activity, nutrient availability and aggregate stability The 7th international symposium on earthworm ecology - Cardiff - Wales - 2002. <i>Pedobiologia</i> , 2003, 47, 882-887.	1.2	38
18	Interactions between earthworms ( <i>Aporrectodea caliginosa</i> ), plants and crop residues for restoring properties of a degraded arable soil The 7th international symposium on earthworm ecology - Cardiff - Wales - 2002. <i>Pedobiologia</i> , 2003, 47, 870-876.	1.2	18

#	ARTICLE	IF	CITATIONS
19	Management Effects on Barley Straw Decomposition, Nitrogen Release, and Crop Production. Soil Science Society of America Journal, 2002, 66, 848-856.	2.2	26
20	Management Effects on Barley Straw Decomposition, Nitrogen Release, and Crop Production. Soil Science Society of America Journal, 2002, 66, 848.	2.2	9
21	Invertebrate survey of a modified native shrubland, Brookdale Covenant, Rock and Pillar Range, Otago, New Zealand. New Zealand Journal of Zoology, 2001, 28, 273-290.	1.1	17
22	The burrowing characteristics of three common earthworm species. Soil Research, 2001, 39, 1453.	1.1	29
23	A comparison of aggregate stability and biological activity in earthworm casts and uningested soil as affected by amendment with wheat or lucerne straw. European Journal of Soil Science, 1998, 49, 629-636.	3.9	44
24	The effects of three earthworm species on soil macroporosity and hydraulic conductivity. Applied Soil Ecology, 1998, 10, 11-19.	4.3	79
25	The effects of cereal straw management practices on lumbricid earthworm populations. Applied Soil Ecology, 1998, 9, 369-373.	4.3	18
26	The fate of potassium, calcium, and magnesium in simulated urine patches on irrigated dairy pasture soil. New Zealand Journal of Agricultural Research, 1998, 41, 117-124.	1.6	35
27	Earthworm species, population size and biomass under different cropping systems across the Canterbury Plains, New Zealand. Applied Soil Ecology, 1996, 3, 49-57.	4.3	86
28	Earthworm population size and composition, and microbial biomass: Effect of pastoral and arable management in Canterbury, New Zealand. , 1995, , 279-285.		3
29	Effects of pasture improvement and intensive cultivation on microbial biomass, enzyme activities, and composition and size of earthworm populations. Biology and Fertility of Soils, 1994, 17, 185-190.	4.3	66
30	Lysimeter study of the fate of nitrogen in animal urine returns to irrigated pasture. European Journal of Soil Science, 1994, 45, 439-447.	3.9	112
31	A comparison of the effects of subsoiling on plant uptake and leaching losses of sulphur and nitrogen from a simulated urine patch. Plant and Soil, 1993, 155-156, 375-378.	3.7	5
32	A comparison of the effects of subsoiling on plant uptake and leaching losses of sulphur and nitrogen from a simulated urine patch. , 1993, , 495-498.		0
33	Lysimeters Without Edge Flow: An Improved Design and Sampling Procedure. Soil Science Society of America Journal, 1992, 56, 1625-1628.	2.2	188