

Surinder Saggar

List of Publications by Year in descending order

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127
papers

6,157
citations

76196

40
h-index

79541

73
g-index

130
all docs

130
docs citations

130
times ranked

5198
citing authors

#	ARTICLE	IF	CITATIONS
1	Denitrification and N ₂ O:N ₂ production in temperate grasslands: Processes, measurements, modelling and mitigating negative impacts. <i>Science of the Total Environment</i> , 2013, 465, 173-195.	3.9	408
2	Effect of urease and nitrification inhibitors on N transformation, gaseous emissions of ammonia and nitrous oxide, pasture yield and N uptake in grazed pasture system. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1270-1280.	4.2	305
3	DNDC: A process-based model of greenhouse gas fluxes from agricultural soils. <i>Agriculture, Ecosystems and Environment</i> , 2010, 136, 292-300.	2.5	292
4	A review of emissions of methane, ammonia, and nitrous oxide from animal excreta deposition and farm effluent application in grazed pastures. <i>New Zealand Journal of Agricultural Research</i> , 2004, 47, 513-544.	0.9	194
5	¹⁴ C-labelled ryegrass turnover and residence times in soils varying in clay content and mineralogy. <i>Soil Biology and Biochemistry</i> , 1996, 28, 1677-1686.	4.2	182
6	Modelling nitrous oxide emissions from dairy-grazed pastures. <i>Nutrient Cycling in Agroecosystems</i> , 2004, 68, 243-255.	1.1	175
7	Gaseous Emissions of Nitrogen from Grazed Pastures: Processes, Measurements and Modelling, Environmental Implications, and Mitigation. <i>Advances in Agronomy</i> , 2004, 84, 37-120.	2.4	171
8	A simplified resin membrane technique for extracting phosphorus from soils. <i>Fertilizer Research</i> , 1990, 24, 173-180.	0.5	147
9	Tillage-induced changes to soil structure and organic carbon fractions in New Zealand soils. <i>Soil Research</i> , 2001, 39, 465.	0.6	142
10	Management options to reduce nitrous oxide emissions from intensively grazed pastures: A review. <i>Agriculture, Ecosystems and Environment</i> , 2010, 136, 282-291.	2.5	132
11	The effect of nitrification inhibitors on soil ammonia emissions in nitrogen managed soils: a meta-analysis. <i>Nutrient Cycling in Agroecosystems</i> , 2012, 93, 51-64.	1.1	128
12	Impact of urease inhibitor on ammonia and nitrous oxide emissions from temperate pasture soil cores receiving urea fertilizer and cattle urine. <i>Science of the Total Environment</i> , 2013, 465, 56-63.	3.9	126
13	Measurement of microbial sulfur in soil. <i>Soil Biology and Biochemistry</i> , 1981, 13, 493-498.	4.2	124
14	¹⁴ C-labelled glucose turnover in New Zealand soils. <i>Soil Biology and Biochemistry</i> , 1999, 31, 2025-2037.	4.2	119
15	Measured and modelled estimates of nitrous oxide emission and methane consumption from a sheep-grazed pasture. <i>Agriculture, Ecosystems and Environment</i> , 2007, 122, 357-365.	2.5	118
16	Methane uptake in soils from <i>Pinus radiata</i> plantations, a reverting shrubland and adjacent pastures: Effects of land-use change, and soil texture, water and mineral nitrogen. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1437-1449.	4.2	110
17	Effects of heavy metal contamination on the short-term decomposition of labelled [¹⁴ C]glucose in a pasture soil. <i>Soil Biology and Biochemistry</i> , 1994, 26, 727-733.	4.2	109
18	Nitrous oxide emissions from a New Zealand cropped soil: tillage effects, spatial and seasonal variability. <i>Agriculture, Ecosystems and Environment</i> , 2002, 93, 33-43.	2.5	106

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19	BIOGEOCHEMICAL IMPACT OF HIERACIUM INVASION IN NEW ZEALAND'S GRAZED TUSsock GRASSLANDS: SUSTAINABILITY IMPLICATIONS. , 2001, 11, 1311-1322.		103
20	Decomposition of dicyandiamide (DCD) in three contrasting soils and its effect on nitrous oxide emission, soil respiratory activity, and microbial biomass – an incubation study. <i>Soil Research</i> , 2008, 46, 517.	0.6	102
21	Partitioning and translocation of photosynthetically fixed ¹⁴ C in grazed hill pastures. <i>Biology and Fertility of Soils</i> , 1997, 25, 152-158.	2.3	100
22	Soil-atmosphere exchange of nitrous oxide and methane in New Zealand terrestrial ecosystems and their mitigation options: a review. <i>Plant and Soil</i> , 2008, 309, 25-42.	1.8	93
23	Modelling nitrous oxide emissions from grazed grasslands in New Zealand. <i>Agriculture, Ecosystems and Environment</i> , 2007, 119, 205-216.	2.5	91
24	Quantification of reductions in ammonia emissions from fertiliser urea and animal urine in grazed pastures with urease inhibitors for agriculture inventory: New Zealand as a case study. <i>Science of the Total Environment</i> , 2013, 465, 136-146.	3.9	78
25	Carbon turnover in a range of allophanic soils amended with ¹⁴ C-labelled glucose. <i>Soil Biology and Biochemistry</i> , 1994, 26, 1263-1271.	4.2	77
26	Changes in soil microbial biomass, metabolic quotient, and organic matter turnover under Hieracium (<i>H. pilosella</i> L.). <i>Biology and Fertility of Soils</i> , 1999, 30, 232-238.	2.3	73
27	Sulfur transformations in relation to carbon and nitrogen in incubated soils. <i>Soil Biology and Biochemistry</i> , 1981, 13, 499-511.	4.2	71
28	Impact of Clover Cyst Nematode (<i>Heterodera Trifolii</i>) Infection On Soil Microbial Activity in the Rhizosphere of White Clover (<i>Trifolium Repens</i>) - a Pulse-Labeling Experiment. <i>Nematologica</i> , 1998, 44, 81-90.	0.2	68
29	A nutrient-transfer model to explain the fate of phosphorus and sulphur in a Grazed Hill-Country pasture. <i>Agriculture, Ecosystems and Environment</i> , 1990, 30, 295-315.	2.5	66
30	Can pH amendments in grazed pastures help reduce N ₂ O emissions from denitrification? – The effects of liming and urine addition on the completion of denitrification in fluvial and volcanic soils. <i>Soil Biology and Biochemistry</i> , 2016, 93, 90-104.	4.2	65
31	Denitrifier community size, structure and activity along a gradient of pasture to riparian soils. <i>Soil Biology and Biochemistry</i> , 2014, 71, 48-60.	4.2	61
32	Increase in ¹⁴ C-carbon translocation to the soil microbial biomass when five species of plant-parasitic nematodes infect roots of white clover. <i>Nematology</i> , 1999, 1, 295-300.	0.2	56
33	Influence of land-use management on CO ₂ emissions from a silt loam soil in New Zealand. <i>Agriculture, Ecosystems and Environment</i> , 2000, 77, 257-262.	2.5	55
34	Carbon and phosphorus transformations during decomposition of pine forest floor with different phosphorus status. <i>Biology and Fertility of Soils</i> , 1998, 27, 197-204.	2.3	52
35	Response of methanotrophic communities to afforestation and reforestation in New Zealand. <i>ISME Journal</i> , 2011, 5, 1832-1836.	4.4	52
36	Title is missing!. <i>Plant and Soil</i> , 2001, 236, 91-103.	1.8	50

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37	Assessment of nitrogen losses from urea and an organic manure with and without nitrification inhibitor, dicyandiamide, applied to lettuce under glasshouse conditions. <i>Soil Research</i> , 2008, 46, 535.	0.6	49
38	Effect of nitrogen and phosphorus fertilization on the composition of rhizobacterial communities of two Chilean Andisol pastures. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 99-107.	1.7	47
39	Nitrous oxide emissions from urea fertiliser and effluent with and without inhibitors applied to pasture. <i>Agriculture, Ecosystems and Environment</i> , 2016, 219, 58-70.	2.5	46
40	N ₂ O and N ₂ emissions from pasture and wetland soils with and without amendments of nitrate, lime and zeolite under laboratory condition. <i>Soil Research</i> , 2008, 46, 526.	0.6	45
41	Quantifying the climate-change consequences of shifting land use between forest and agriculture. <i>Science of the Total Environment</i> , 2013, 465, 314-324.	3.9	45
42	Re-introduction of light grazing reduces soil erosion and soil respiration in a converted grassland on the Loess Plateau, China. <i>Agriculture, Ecosystems and Environment</i> , 2019, 280, 43-52.	2.5	44
43	Rare earth elements (REE) for the removal and recovery of phosphorus: A review. <i>Chemosphere</i> , 2022, 286, 131661.	4.2	43
44	Nitrous oxide emissions from grazed hill land in New Zealand. <i>Agriculture, Ecosystems and Environment</i> , 2013, 181, 58-68.	2.5	42
45	Nitrogen transformation and nitrous oxide emissions from various types of farm effluents. <i>Nutrient Cycling in Agroecosystems</i> , 2007, 79, 193-208.	1.1	41
46	Procedure for Fast Simultaneous Analysis of the Greenhouse Gases: Methane, Carbon Dioxide, and Nitrous Oxide in Air Samples. <i>Communications in Soil Science and Plant Analysis</i> , 2006, 37, 1501-1510.	0.6	38
47	A preliminary study to model the effects of a nitrification inhibitor on nitrous oxide emissions from urine-amended pasture. <i>Agriculture, Ecosystems and Environment</i> , 2010, 136, 310-317.	2.5	38
48	Elevated CO ₂ effects on carbon and nitrogen cycling in grass/clover turves of a Psammaquent soil. <i>Plant and Soil</i> , 1996, 182, 185-198.	1.8	37
49	Title is missing!. <i>Nutrient Cycling in Agroecosystems</i> , 1999, 55, 35-50.	1.1	35
50	Soil microbial biomass, metabolic quotient, and carbon and nitrogen mineralisation in 25-year-old <i>Pinus radiata</i> agroforestry regimes. <i>Soil Research</i> , 2001, 39, 491.	0.6	35
51	Development and evaluation of an improved soil test for phosphorus. 2. Comparison of the Olsen and mixed cation-anion exchange resin tests for predicting the yield of ryegrass grown in pots. <i>Fertilizer Research</i> , 1992, 33, 135-144.	0.5	34
52	Biogeography and biophysicochemical traits link N ₂ O emissions, N ₂ O emission potential and microbial communities across New Zealand pasture soils. <i>Soil Biology and Biochemistry</i> , 2015, 82, 87-98.	4.2	34
53	Effects of irrigating dairy-grazed grassland with farm dairy effluent on nitrous oxide emissions. <i>Plant and Soil</i> , 2008, 309, 119-130.	1.8	33
54	Estimating direct N ₂ O emissions from sheep, beef, and deer grazed pastures in New Zealand hill country: accounting for the effect of land slope on the N ₂ O emission factors from urine and dung. <i>Agriculture, Ecosystems and Environment</i> , 2015, 205, 70-78.	2.5	32

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55	Improving bioavailability of phosphorous from cattle dung by using phosphatase immobilized on natural clay and nanoclay. <i>Chemosphere</i> , 2012, 89, 648-655.	4.2	30
56	Chemical fractionation to characterize changes in sulphur and carbon in soil caused by management. <i>European Journal of Soil Science</i> , 2004, 55, 79-90.	1.8	29
57	Refining the New Zealand nitrous oxide emission factor for urea fertiliser and farm dairy effluent. <i>Agriculture, Ecosystems and Environment</i> , 2016, 222, 133-137.	2.5	29
58	Post-harvest residue decomposition and nitrogen dynamics in <i>Pinus radiata</i> plantations of different N status. <i>Forest Ecology and Management</i> , 2001, 154, 55-67.	1.4	28
59	Comprehensive evaluation of the climate-change implications of shifting land use between forest and grassland: New Zealand as a case study. <i>Agriculture, Ecosystems and Environment</i> , 2012, 150, 123-138.	2.5	28
60	Soil organic matter transformations induced by <i>Hieracium pilosella</i> L. in tussock grassland of New Zealand. <i>Biology and Fertility of Soils</i> , 2000, 32, 194-201.	2.3	27
61	Influence of soil phosphorus status and nitrogen addition on carbon mineralization from ¹⁴ C-labelled glucose in pasture soils. <i>Biology and Fertility of Soils</i> , 2000, 32, 209-216.	2.3	27
62	Influence of dicyandiamide on nitrogen transformation and losses in cow-urine-amended soil cores from grazed pasture. <i>Animal Production Science</i> , 2009, 49, 253.	0.6	27
63	Fate of the nitrification inhibitor dicyandiamide (DCD) sprayed on a grazed pasture: effect of rate and time of application. <i>Soil Research</i> , 2012, 50, 337.	0.6	27
64	Environmental benefits and risks of biochar application to soil. <i>Agriculture, Ecosystems and Environment</i> , 2014, 191, 1-4.	2.5	27
65	Development and evaluation of an improved soil test for phosphorus: 1. The influence of phosphorus fertilizer solubility and soil properties on the extractability of soil P. <i>Fertilizer Research</i> , 1992, 33, 81-91.	0.5	26
66	Impact of urine and the application of the nitrification inhibitor DCD on microbial communities in dairy-grazed pasture soils. <i>Soil Biology and Biochemistry</i> , 2015, 88, 344-353.	4.2	26
67	Pathways of dicyandiamide uptake in pasture plants: a laboratory study. <i>Biology and Fertility of Soils</i> , 2016, 52, 539-546.	2.3	26
68	Nitrous oxide and methane emissions from a dairy farm stand-off pad. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 179.	1.0	26
69	Quantification of nitrous oxide emissions and emission factors from beef and dairy cattle excreta deposited on grazed pastoral hill lands. <i>Agriculture, Ecosystems and Environment</i> , 2019, 270-271, 103-113.	2.5	25
70	Surface area of soils of contrasting mineralogies using para-nitrophenol adsorption and its relation to air-dry moisture content of soils. <i>Soil Research</i> , 2000, 38, 155.	0.6	24
71	Comparison of soil microbial properties and fauna under tussock grassland and pine plantation. <i>Journal of the Royal Society of New Zealand</i> , 1998, 28, 523-535.	1.0	23
72	Predicting the fate of fertiliser sulphur in grazed hill country pastures by modelling the transfer and accumulation of soil phosphorus. <i>New Zealand Journal of Agricultural Research</i> , 1990, 33, 129-138.	0.9	22

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73	Effect of Nitrogen Inhibitors on Nitrous Oxide Emissions and Pasture Growth After an Autumn Application in Volcanic Soil. <i>Chilean Journal of Agricultural Research</i> , 2012, 72, 133-139.	0.4	22
74	Influence of liming-induced pH changes on nitrous oxide emission, nirS, nirK and nosZ gene abundance from applied cattle urine in allophanic and fluvial grazed pasture soils. <i>Biology and Fertility of Soils</i> , 2020, 56, 811-824.	2.3	22
75	Pasture production and soil phosphorus fractions resulting from six previous annual applications of triple superphosphate or Sechura phosphate rock. <i>New Zealand Journal of Agricultural Research</i> , 1992, 35, 307-319.	0.9	20
76	Understanding and analysing spatial variability of nitrous oxide emissions from a grazed pasture. <i>Agriculture, Ecosystems and Environment</i> , 2014, 186, 1-10.	2.5	20
77	Using the NZâ€™DNDC model to estimate agricultural N ₂ O emissions in the Manawatuâ€™Wanganui region. <i>Plant and Soil</i> , 2008, 309, 191-209.	1.8	19
78	Carbon residence times obtained from labelled ryegrass decomposition in soils under contrasting environmental conditions. <i>Soil Biology and Biochemistry</i> , 2000, 32, 75-83.	4.2	17
79	Field studies assessing the effect of dicyandiamide (DCD) on N transformations, pasture yields, N ₂ O emissions and N-leaching in the Manawatu region. <i>New Zealand Journal of Agricultural Research</i> , 2014, 57, 271-293.	0.9	17
80	Evaluation of soil phosphate status where phosphate rock based fertilizers have been used. <i>Fertilizer Research</i> , 1993, 35, 67-82.	0.5	16
81	Soil properties impacting denitrifier community size, structure, and activity in New Zealand dairy-grazed pasture. <i>Biogeosciences</i> , 2017, 14, 4243-4253.	1.3	16
82	Chambers, micrometeorological measurements, and the New Zealand Denitrificationâ€™Decomposition model for nitrous oxide emission estimates from an irrigated dairy-grazed pasture. <i>Journal of Integrative Environmental Sciences</i> , 2010, 7, 61-70.	1.0	15
83	Does acidification of a soil biofilter compromise its methane-oxidising capacity?. <i>Biology and Fertility of Soils</i> , 2016, 52, 573-583.	2.3	14
84	Management and implications of using nitrification inhibitors to reduce nitrous oxide emissions from urine patches on grazed pasture soils â€™ A review. <i>Science of the Total Environment</i> , 2021, 791, 148099.	3.9	14
85	Verification techniques for N ₂ O emission at the paddock scale in New Zealand: FarmGas2006. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 138.	1.0	14
86	Effect of contrasting farm management on vegetation and biochemical, chemical, and biological condition of moist steepland soils of the South Island high country, New Zealand. <i>Soil Research</i> , 1999, 37, 847.	0.6	14
87	Time and source of nitrogen application in rice and wheat. <i>Journal of Agricultural Science</i> , 1987, 109, 387-391.	0.6	13
88	Assessment of farm soil, biochar, compost and weathered pine mulch to mitigate methane emissions. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9365-9379.	1.7	13
89	Root hairs and cortex contribute to soil loss due to root crop harvesting. <i>Catena</i> , 2019, 174, 514-523.	2.2	13
90	Assessment of the relative agronomic effectiveness of phosphate rocks under glasshouse conditions. <i>Fertilizer Research</i> , 1993, 34, 141-151.	0.5	12

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91	Characterization of recently ¹⁴ C pulse-labelled carbon from roots by fractionation of soil organic matter. <i>European Journal of Soil Science</i> , 2005, 56, 329-341.	1.8	12
92	Chapter 15 The role of inhibitors in the bioavailability and mitigation of nitrogen losses in grassland ecosystems. <i>Developments in Soil Science</i> , 2008, 32, 329-362.	0.5	12
93	Modelling NH ₃ volatilisation within a urine patch using NZ-DNDC. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 108, 267-277.	1.1	12
94	Use of a urease inhibitor to mitigate ammonia emissions from urine patches. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 20-31.	1.2	12
95	Field-scale verification of nitrous oxide emission reduction with DCD in dairy-grazed pasture using measurements and modelling. <i>Soil Research</i> , 2011, 49, 696.	0.6	12
96	Response of dryland wheat to fertilizer nitrogen in relation to stored water, rainfall and residual farm yard manure. <i>Fertilizer Research</i> , 1993, 36, 63-70.	0.5	10
97	Ammonia oxidising populations and relationships with N ₂ O emissions in three New Zealand soils. <i>New Zealand Journal of Agricultural Research</i> , 2014, 57, 228-243.	0.9	10
98	Why copper and zinc are ineffective in reducing soil urease activity in New Zealand dairy-grazed pasture soils. <i>Soil Research</i> , 2018, 56, 491.	0.6	10
99	A simple chamber technique for the <i>in situ</i> labelling of pasture sward with carbon (¹⁴ C). <i>Communications in Soil Science and Plant Analysis</i> , 1995, 26, 1547-1563.	0.6	9
100	Net changes of soil C stocks in two grassland soils 26 months after simulated pasture renovation including biochar addition. <i>GCB Bioenergy</i> , 2016, 8, 600-615.	2.5	9
101	Nitrous oxide emissions from cow urine patches in an intensively managed grassland: Influence of nitrogen loading under contrasting soil moisture. <i>Science of the Total Environment</i> , 2021, 757, 143790.	3.9	9
102	Biogas production from steer manures in Vietnam: Effects of feed supplements and tannin contents. <i>Waste Management</i> , 2017, 69, 492-497.	3.7	8
103	Assessing the Performance of Floating Biofilters for Oxidation of Methane from Dairy Effluent Ponds. <i>Journal of Environmental Quality</i> , 2017, 46, 272-280.	1.0	8
104	Urease inhibitors reduced ammonia emissions from cattle urine applied to pasture soil. <i>Nutrient Cycling in Agroecosystems</i> , 2020, 117, 317-335.	1.1	8
105	Intensification in Pastoral Farming: Impacts on Soil Attributes and Gaseous Emissions. <i>Soil Biology</i> , 2011, , 207-236.	0.6	8
106	Dryland wheat yield dependence on rainfall, applied N and mulching in preceding maize. <i>Fertilizer Research</i> , 1992, 32, 229-237.	0.5	7
107	Use of an unsorted pasture sample in herbage testing for sulphur, phosphorus, and nitrogen. <i>New Zealand Journal of Agricultural Research</i> , 1995, 38, 483-493.	0.9	7
108	Effect of leaching and clay content on carbon and nitrogen mineralisation in maize and pasture soils. <i>Soil Research</i> , 2001, 39, 535.	0.6	7

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109	In situ dynamics of recently allocated ¹⁴ C in pasture soil and soil solution collected with Rhizon Soil Moisture Samplers. <i>Soil Research</i> , 2005, 43, 659.	0.6	7
110	Modelling organic matter dynamics in New Zealand soils. <i>Environment International</i> , 2001, 27, 111-119.	4.8	6
111	Distribution of ¹³⁷ Cs and ⁶⁰ Co in plough layer of farmland: Evidenced from a lysimeter experiment using undisturbed soil columns. <i>Pedosphere</i> , 2021, 31, 180-190.	2.1	6
112	Simultaneous examination of nitrous oxide emissions in grazed pastures using paddock-scale measurements and process-based models. <i>Journal of Integrative Environmental Sciences</i> , 2005, 2, 117-131.	0.8	5
113	Modelling 3D urine patch spread in grazed pasture soils to determine potential inhibitor effectiveness. <i>Agriculture, Ecosystems and Environment</i> , 2020, 292, 106809.	2.5	5
114	Improving the accuracy of nitrous oxide emission factors estimated for hotspots within dairy-grazed farms. <i>Science of the Total Environment</i> , 2022, 806, 150608.	3.9	5
115	Influence of Waiting Time after Insertion of Base Chamber into Soil on Produced Greenhouse Gas Fluxes. <i>Chilean Journal of Agricultural Research</i> , 2011, 71, 610-614.	0.4	5
116	The persistence and efficacy of nitrification inhibitors to mitigate nitrous oxide emissions from New Zealand pasture soils amended with urine. <i>Geoderma Regional</i> , 2022, 30, e00541.	0.9	5
117	Comparing the effectiveness and longevity of the urease inhibitor N-(2-nitrophenyl) phosphoric triamide (2-NPT) with N-(n-butyl) thiophosphoric triamide (nBTPT) in reducing ammonia emissions from cattle urine applied to dairy-grazed pasture soils. <i>Soil Research</i> , 2019, 57, 719.	0.6	4
118	Removing Hydrogen Sulfide Contamination in Biogas Produced from Animal Wastes. <i>Journal of Environmental Quality</i> , 2019, 48, 32-38.	1.0	4
119	Foreword. <i>Science of the Total Environment</i> , 2013, 465, 1-2.	3.9	3
120	Denitrification bioreactor nitrous oxide emissions under fluctuating flow conditions. , 2013, , .		2
121	Nitrous oxide emission factors in conventionally and naturally simulated cattle urine patches. <i>Nutrient Cycling in Agroecosystems</i> , 2021, 121, 129-147.	1.1	2
122	Evaluation of proximal sensing technologies for mapping bovine urine patches under grazing pastures. <i>Computers and Electronics in Agriculture</i> , 2021, 188, 106309.	3.7	2
123	Methods for extracting and analysing DMPP and Nitrapyrin in soil and plant samples from grazed pasture. <i>Plant and Soil</i> , 2021, 469, 149-160.	1.8	2
124	Soil Greenhouse Gas Emissions in Different Pastures Implemented as a Management Strategy for Climate Change. <i>Agronomy</i> , 2022, 12, 1097.	1.3	2
125	The proportion of deposited urine patch intercepted by a delayed inhibitor application. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-29.	1.2	1
126	Beyond the logistic growth model for nitrous oxide emission factors from agricultural soils. , 2011, , .		0

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127	Review and update of a nutrient transfer model used for estimating nitrous oxide emissions from complex grazed landscapes, and implications for nation-wide accounting. Journal of Environmental Quality, 0, , .	1.0	0