

# Stuart B Lindsey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6186878/publications.pdf>

Version: 2024-02-01

42  
papers

1,316  
citations

304743

22  
h-index

361022

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1262  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.0	5
2	Combined biochar and double inhibitor application offsets NH <sub>3</sub> and N <sub>2</sub> O emissions and mitigates N leaching in paddy fields. <i>Environmental Pollution</i> , 2022, 292, 118344.	7.5	13
3	Quantification of soil element changes in long-term agriculture: A case study in Northeast China. <i>Catena</i> , 2022, 208, 105766.	5.0	9
4	In situ nitrous oxide and dinitrogen fluxes from a grazed pasture soil following cow urine application at two nitrogen rates. <i>Science of the Total Environment</i> , 2022, 838, 156473.	8.0	6
5	Effects of biochar and 3,4-dimethylpyrazole phosphate (DMPP) on soil ammonia-oxidizing bacteria and nosZ-N <sub>2</sub> O reducers in the mitigation of N <sub>2</sub> O emissions from paddy soils. <i>Journal of Soils and Sediments</i> , 2021, 21, 1089-1098.	3.0	8
6	Field-aged biochar decreased N <sub>2</sub> O emissions by reducing autotrophic nitrification in a sandy loam soil. <i>Biology and Fertility of Soils</i> , 2021, 57, 471-483.	4.3	16
7	Optimizing the application of dairy farm effluent and manure to mitigate gas emission. <i>Journal of Soils and Sediments</i> , 2021, 21, 2381-2393.	3.0	2
8	Corn cobs efficiently reduced ammonia volatilization and improved nutrient value of stored dairy effluents. <i>Science of the Total Environment</i> , 2021, 769, 144712.	8.0	7
9	Potential of Chamomile recutita Plant Material to Inhibit Urease Activity and Reduce NH <sub>3</sub> Volatilization in Two Agricultural Soils. <i>Atmosphere</i> , 2021, 12, 1223.	2.3	2
10	Responses of soil fungal diversity and community composition to long-term fertilization: Field experiment in an acidic Ultisol and literature synthesis. <i>Applied Soil Ecology</i> , 2020, 145, 103305.	4.3	56
11	Reconciling annual nitrous oxide emissions of an intensively grazed dairy pasture determined by eddy covariance and emission factors. <i>Agriculture, Ecosystems and Environment</i> , 2020, 287, 106646.	5.3	16
12	Four-year continuous residual effects of biochar application to a sandy loam soil on crop yield and N <sub>2</sub> O and NO emissions under maize-wheat rotation. <i>Agriculture, Ecosystems and Environment</i> , 2020, 302, 107109.	5.3	46
13	N <sub>2</sub> O and NO Emissions as Affected by the Continuous Combined Application of Organic and Mineral N Fertilizer to a Soil on the North China Plain. <i>Agronomy</i> , 2020, 10, 1965.	3.0	11
14	Combined application of biochar with urease and nitrification inhibitors have synergistic effects on mitigating CH <sub>4</sub> emissions in rice field: A three-year study. <i>Science of the Total Environment</i> , 2020, 743, 140500.	8.0	23
15	Nitrous oxide emissions from China's croplands based on regional and crop-specific emission factors deviate from IPCC 2006 estimates. <i>Science of the Total Environment</i> , 2019, 669, 547-558.	8.0	43
16	Manure over crop residues increases soil organic matter but decreases microbial necromass relative contribution in upland Ultisols: Results of a 27-year field experiment. <i>Soil Biology and Biochemistry</i> , 2019, 134, 15-24.	8.8	82
17	Effects of 3,4-dimethylpyrazole phosphate (DMPP) on the abundance of ammonia oxidizers and denitrifiers in two different intensive vegetable cultivation soils. <i>Journal of Soils and Sediments</i> , 2019, 19, 1250-1259.	3.0	11
18	Effects of maize residue return rate on nitrogen transformations and gaseous losses in an arable soil. <i>Agricultural Water Management</i> , 2019, 211, 132-141.	5.6	16

#	ARTICLE	IF	CITATIONS
19	Effects of application of inhibitors and biochar to fertilizer on gaseous nitrogen emissions from an intensively managed wheat field. <i>Science of the Total Environment</i> , 2018, 628-629, 121-130.	8.0	72
20	Optimizing the nitrogen application rate for maize and wheat based on yield and environment on the Northern China Plain. <i>Science of the Total Environment</i> , 2018, 618, 1173-1183.	8.0	101
21	A two years study on the combined effects of biochar and inhibitors on ammonia volatilization in an intensively managed rice field. <i>Agriculture, Ecosystems and Environment</i> , 2018, 264, 44-53.	5.3	65
22	Effect of biochar and nitrapyrin on nitrous oxide and nitric oxide emissions from a sandy loam soil cropped to maize. <i>Biology and Fertility of Soils</i> , 2018, 54, 645-658.	4.3	51
23	Nitrogen application rates need to be reduced for half of the rice paddy fields in China. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 8-14.	5.3	80
24	Long-term manure application increased greenhouse gas emissions but had no effect on ammonia volatilization in a Northern China upland field. <i>Science of the Total Environment</i> , 2018, 633, 230-239.	8.0	56
25	Potential Hotspot Areas of Nitrous Oxide Emissions From Grazed Pastoral Dairy Farm Systems. <i>Advances in Agronomy</i> , 2017, 145, 205-268.	5.2	34
26	Dung and farm dairy effluent affect urine patch nitrous oxide emissions from a pasture. <i>Animal Production Science</i> , 2016, 56, 337.	1.3	8
27	Nitrous oxide emission factors for urine from sheep and cattle fed forage rape ( <i>Brassica napus</i> L.) or perennial ryegrass/white clover pasture ( <i>Lolium perenne</i> L./ <i>Trifolium repens</i> ). <i>Agriculture, Ecosystems and Environment</i> , 2016, 227, 11-23.	5.3	21
28	Effect of dicyandiamide (DCD) on nitrous oxide emissions from cow urine deposited on a pasture soil, as influenced by DCD application method and rate. <i>Animal Production Science</i> , 2016, 56, 350.	1.3	10
29	Nitrous oxide emissions from dairy farm effluent applied to a New Zealand pasture soil. <i>Soil Use and Management</i> , 2015, 31, 279-289.	4.9	12
30	Effect of dicyandiamide (DCD) delivery method, application rate, and season on pasture urine patch nitrous oxide emissions. <i>Biology and Fertility of Soils</i> , 2015, 51, 453-464.	4.3	32
31	Nitrogen gaseous emissions from farm effluent application to pastures and mitigation measures to reduce the emissions: a review. <i>New Zealand Journal of Agricultural Research</i> , 2015, 58, 339-353.	1.6	9
32	Effects of the nitrification inhibitor dicyandiamide (DCD) on pasture production, nitrous oxide emissions and nitrate leaching in Waikato, New Zealand. <i>New Zealand Journal of Agricultural Research</i> , 2014, 57, 294-315.	1.6	33
33	The effect of nitrogen concentration in synthetic cattle urine on nitrous oxide emissions. <i>Agriculture, Ecosystems and Environment</i> , 2014, 188, 85-92.	5.3	43
34	Effects of form of effluent, season and urease inhibitor on ammonia volatilization from dairy farm effluent applied to pasture. <i>Journal of Soils and Sediments</i> , 2014, 14, 1341-1349.	3.0	12
35	Nitrous oxide and greenhouse gas emissions from grazed pastures as affected by use of nitrification inhibitor and restricted grazing regime. <i>Science of the Total Environment</i> , 2013, 465, 107-114.	8.0	31
36	Microbial decomposition of leached or extracted dissolved organic carbon and nitrogen from pasture soils. <i>Biology and Fertility of Soils</i> , 2013, 49, 747-755.	4.3	30

#	ARTICLE	IF	CITATIONS
37	Effects of dairy farming intensification on nitrous oxide emissions. <i>Plant and Soil</i> , 2008, 309, 227-237.	3.7	45
38	Effects of irrigating dairy-grazed grassland with farm dairy effluent on nitrous oxide emissions. <i>Plant and Soil</i> , 2008, 309, 119-130.	3.7	33
39	Nitrous oxide emissions from animal urine application on a New Zealand pasture. <i>Biology and Fertility of Soils</i> , 2008, 44, 463-470.	4.3	72
40	A test of a winter farm management option for mitigating nitrous oxide emissions from a dairy farm. <i>Soil Use and Management</i> , 2008, 24, 121-130.	4.9	36
41	Nitrous oxide emissions from application of urea on New Zealand pasture. <i>New Zealand Journal of Agricultural Research</i> , 2007, 50, 1-11.	1.6	43
42	Irrigation of meat processing wastewater onto land. <i>Agriculture, Ecosystems and Environment</i> , 2004, 103, 123-148.	5.3	15