

Stephen G Morris

List of Publications by Year in descending order

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89
papers

4,787
citations

159573

30
h-index

98792

67
g-index

89
all docs

89
docs citations

89
times ranked

5190
citing authors

#	ARTICLE	IF	CITATIONS
1	The plasma and urine mineral status of lambs offered diets of perennial wheat or annual wheat, with or without lucerne. <i>Small Ruminant Research</i> , 2022, 209, 106639.	1.2	3
2	Classification of Southern Australian Grass- and Grain-Fed Beef. <i>Food Analytical Methods</i> , 2021, 14, 1730-1743.	2.6	1
3	Winter Forage Crop Harvest Time Impacts Regeneration of the Annual Weeds Barley Grass, Annual Ryegrass and Wild Radish. <i>Agronomy</i> , 2021, 11, 1700.	3.0	2
4	Preliminary investigation into the use of Raman spectroscopy for the verification of Australian grass and grain fed beef. <i>Meat Science</i> , 2020, 160, 107970.	5.5	15
5	Low seasonal nitrous oxide emissions in tea tree farming systems following nitrogen fertilisation using poultry litter application or green manure legumes. <i>Soil Research</i> , 2020, 58, 238.	1.1	1
6	The effect of whole carcass medium voltage electrical stimulation, tenderstretching and longissimus infusion with actinidin on alpaca meat quality. <i>Meat Science</i> , 2020, 164, 108107.	5.5	41
7	Biochar improves dairy pasture yields by alleviating P and K constraints with no influence on soil respiration or N ₂ O emissions. <i>Biochar</i> , 2019, 1, 115-126.	12.6	13
8	Pinto peanut cover crop nitrogen contributions and potential to mitigate nitrous oxide emissions in subtropical coffee plantations. <i>Science of the Total Environment</i> , 2019, 656, 108-117.	8.0	14
9	The identification of dark cutting beef carcasses in Australia, using Nix Pro Color Sensor, colour measures, and their relationship to bolar blade, striploin and topside quality traits. <i>Meat Science</i> , 2019, 148, 50-54.	5.5	14
10	Effect of long term chilled (up to 5 weeks) then frozen (up to 12 months) storage at two different sub-zero holding temperatures on beef: 3. Protein structure degradation and a marker of protein oxidation. <i>Meat Science</i> , 2018, 139, 171-178.	5.5	11
11	The accumulation of rhizodeposits in organo-mineral fractions promoted biochar-induced negative priming of native soil organic carbon in Ferralsol. <i>Soil Biology and Biochemistry</i> , 2018, 118, 91-96.	8.8	23
12	Removing Grazing Pressure from a Native Pasture Decreases Soil Organic Carbon in Southern New South Wales, Australia. <i>Land Degradation and Development</i> , 2018, 29, 274-283.	3.9	35
13	Effect of long term chilled (up to 5 weeks) then frozen (up to 12 months) storage at two different sub-zero holding temperatures on beef: 2. Lipid oxidation and fatty acid profiles. <i>Meat Science</i> , 2018, 136, 9-15.	5.5	18
14	Effects of chilled and frozen storage conditions on the lamb M. longissimus lumborum fatty acid and lipid oxidation parameters. <i>Meat Science</i> , 2018, 136, 116-122.	5.5	25
15	Climate affects fish-kill events in subtropical estuaries of eastern Australia. <i>Marine and Freshwater Research</i> , 2018, 69, 1641.	1.3	11
16	No evidence for higher agronomic N use efficiency or lower nitrous oxide emissions from enhanced efficiency fertilisers in aerobic subtropical rice. <i>Field Crops Research</i> , 2018, 225, 47-54.	5.1	21
17	Maintaining the appeal of Australian lamb to the modern consumer. <i>Animal Production Science</i> , 2018, 58, 1392.	1.3	6
18	Effect of homogenisation speed and centrifugation on particle size analysis of beef and the relationship with shear force. <i>Meat Science</i> , 2018, 143, 219-222.	5.5	7

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19	Motivations of recreational fishers involved in fish habitat management. <i>Fisheries Management and Ecology</i> , 2017, 24, 82-92.	2.0	14
20	Biochar built soil carbon over a decade by stabilizing rhizodeposits. <i>Nature Climate Change</i> , 2017, 7, 371-376.	18.8	232
21	Nitrification inhibitors can increase post-harvest nitrous oxide emissions in an intensive vegetable production system. <i>Scientific Reports</i> , 2017, 7, 43677.	3.3	71
22	Effect of long term chilled (up to 5 weeks) then frozen (up to 12 months) storage at two different sub-zero holding temperatures on beef: 1. Meat quality and microbial loads. <i>Meat Science</i> , 2017, 133, 133-142.	5.5	50
23	The nitrification inhibitor DMPP applied to subtropical rice has an inconsistent effect on nitrous oxide emissions. <i>Soil Research</i> , 2017, 55, 547.	1.1	13
24	Effects of Early Tree Training on Macadamia Production. <i>HortTechnology</i> , 2016, 26, 707-712.	0.9	0
25	Application of woody biochar and woody mulch to mitigate nitrous oxide emissions from a poultry litter-amended soil in the subtropics. <i>Agriculture, Ecosystems and Environment</i> , 2016, 228, 1-8.	5.3	13
26	Impact of glyphosate on soil microbial biomass and respiration: A meta-analysis. <i>Soil Biology and Biochemistry</i> , 2016, 92, 50-57.	8.8	119
27	Synchronization of <i>E. coli</i> O157 shedding in a grass-fed beef herd: a longitudinal study. <i>Epidemiology and Infection</i> , 2015, 143, 3244-3255.	2.1	19
28	Enhanced biological N ₂ fixation and yield of faba bean (<i>Vicia faba</i> L.) in an acid soil following biochar addition: dissection of causal mechanisms. <i>Plant and Soil</i> , 2015, 395, 7-20.	3.7	97
29	Plant-biochar interactions drive the negative priming of soil organic carbon in an annual ryegrass field system. <i>Soil Biology and Biochemistry</i> , 2015, 90, 111-121.	8.8	75
30	Spatiotemporal Aspects of Hendra Virus Infection in Pteropid Bats (Flying-Foxes) in Eastern Australia. <i>PLoS ONE</i> , 2015, 10, e0144055.	2.5	65
31	Oil mallee biochar improves soil structural properties—A study with x-ray micro-CT. <i>Agriculture, Ecosystems and Environment</i> , 2014, 191, 142-149.	5.3	94
32	Sensitivity of soil carbon to management and environmental factors within Australian perennial pasture systems. <i>Geoderma</i> , 2014, 214-215, 70-79.	5.1	31
33	An incubation study investigating the mechanisms that impact N ₂ O flux from soil following biochar application. <i>Agriculture, Ecosystems and Environment</i> , 2014, 191, 53-62.	5.3	170
34	Impact of nitrification inhibitor (DMPP) on soil nitrous oxide emissions from an intensive broccoli production system in sub-tropical Australia. <i>Soil Biology and Biochemistry</i> , 2014, 77, 243-251.	8.8	101
35	Ethanol production from cotton gin trash using optimised dilute acid pretreatment and whole slurry fermentation processes. <i>Bioresource Technology</i> , 2014, 173, 42-51.	9.6	46
36	WOODCHIP OR WEEDMAT? A COMPARATIVE STUDY ON THE EFFECTS OF MULCH ON SOIL PROPERTIES AND BLUEBERRY YIELD. <i>Acta Horticulturae</i> , 2014, , 369-374.	0.2	3

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37	Contrasting effects of manure and green waste biochars on the properties of an acidic ferralsol and productivity of a subtropical pasture. <i>Plant and Soil</i> , 2013, 366, 213-227.	3.7	121
38	Improving the statistical preparation for measuring soil N ₂ O flux by closed chamber. <i>Science of the Total Environment</i> , 2013, 465, 166-172.	8.0	20
39	Pyrolysing poultry litter reduces N ₂ O and CO ₂ fluxes. <i>Science of the Total Environment</i> , 2013, 465, 279-287.	8.0	57
40	Inspection of lymph nodes for caseous lymphadenitis and its effect on the density of microbes on sheep carcasses. <i>Meat Science</i> , 2012, 92, 837-840.	5.5	9
41	Utilization of Biochar in Sugarcane and Sugar-Industry Management. <i>Sugar Tech</i> , 2012, 14, 321-326.	1.8	23
42	Ontogenetic behaviour and swimming ability of the endangered eastern freshwater cod, <i>Maccullochella ikei</i> , with notes on growth and development. <i>Ecology of Freshwater Fish</i> , 2012, 21, 23-33.	1.4	3
43	Describing the within laboratory and between laboratory agreement of a serum ELISA in a national laboratory network. <i>Preventive Veterinary Medicine</i> , 2012, 104, 240-248.	1.9	6
44	Carriage of methicillin-resistant <i>Staphylococcus aureus</i> by veterinarians in Australia. <i>Australian Veterinary Journal</i> , 2011, 89, 152-159.	1.1	70
45	Terra Preta Australis: Reassessing the carbon storage capacity of temperate soils. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 137-147.	5.3	75
46	Effect of gypsum on establishment, persistence and productivity of lucerne and annual pasture legumes on two grey Vertosols in southern New South Wales. <i>Crop and Pasture Science</i> , 2010, 61, 435.	1.5	7
47	Effects of biochar from slow pyrolysis of papermill waste on agronomic performance and soil fertility. <i>Plant and Soil</i> , 2010, 327, 235-246.	3.7	1,376
48	A glasshouse study on the interaction of low mineral ash biochar with nitrogen in a sandy soil. <i>Soil Research</i> , 2010, 48, 569.	1.1	167
49	Influence of biochars on flux of N ₂ O and CO ₂ from Ferrisol. <i>Soil Research</i> , 2010, 48, 555.	1.1	337
50	Changes in soil mineral nitrogen, nitrogen leached, and surface pH under annual and perennial pasture species. <i>Crop and Pasture Science</i> , 2009, 60, 975.	1.5	23
51	Characteristics of flowering stems and raceme position in macadamia. <i>Journal of Horticultural Science and Biotechnology</i> , 2009, 84, 387-392.	1.9	16
52	Consequences of prenatal and preweaning growth for feedlot growth, intake and efficiency of Piedmontese- and Wagyu-sired cattle. <i>Animal Production Science</i> , 2009, 49, 461.	1.3	23
53	Consequences of prenatal and preweaning growth for yield of beef primal cuts from 30-month-old Piedmontese- and Wagyu-sired cattle. <i>Animal Production Science</i> , 2009, 49, 468.	1.3	26
54	A National Survey of the Microbiological Quality of Retail Raw Meats in Australia. <i>Journal of Food Protection</i> , 2008, 71, 1232-1236.	1.7	33

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55	An evaluation of the yield and quality of oat - legume and ryegrass - legume mixtures and legume monocultures harvested at three stages of growth for silage. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 25.	1.0	31
56	Enhancing cell survival of atrazine degrading <i>Rhodococcus erythropolis</i> NI86/21 cells encapsulated in alginate beads. <i>Journal of Applied Microbiology</i> , 2007, 102, 212-220.	3.1	17
57	Relationships between the density of different indicator organisms on sheep and beef carcasses and in frozen beef and sheep meat. <i>Journal of Applied Microbiology</i> , 2007, 102, 57-64.	3.1	14
58	Modelling the interception of photosynthetically active radiation by evergreen subtropical hedgerows. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 215.	1.5	14
59	Microbiological quality of Australian sheep meat in 2004. <i>Meat Science</i> , 2006, 74, 261-266.	5.5	28
60	A National Survey of the Microbiological Quality of Beef Carcasses and Frozen Boneless Beef in Australia. <i>Journal of Food Protection</i> , 2006, 69, 1113-1117.	1.7	48
61	MODELLING THE LOSS OF PEACH FIRMNESS DURING CONTROLLED RIPENING. <i>Acta Horticulturae</i> , 2006, , 215-222.	0.2	0
62	Influences of nutrition during pregnancy and lactation on birth weights and growth to weaning of calves sired by Piedmontese or Wagyu bulls. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 245.	1.0	47
63	Long-term consequences of birth weight and growth to weaning on carcass, yield and beef quality characteristics of Piedmontese- and Wagyu-sired cattle. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 257.	1.0	77
64	Influence of regrowth time on the forage quality of prairie grass, perennial ryegrass and tall fescue under non-limiting soil nutrient and moisture conditions. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 45.	1.0	12
65	Mass screening for antimicrobial resistant <i>Escherichia coli</i> in dairy cows in northern New South Wales. <i>Australian Veterinary Journal</i> , 2005, 83, 688-694.	1.1	11
66	Nitrogen and phosphorus removal from plant nursery runoff in vegetated and unvegetated subsurface flow wetlands. <i>Water Research</i> , 2005, 39, 3259-3272.	11.3	201
67	Effect of hedging and tree removal on productivity of crowding macadamia orchards. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 725.	1.0	19
68	The relationship between orchard crowding, light interception, and productivity in macadamia. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 1029.	1.5	47
69	Comparison of extraction techniques for measuring exchangeable cations in calcareous soils. <i>Soil Research</i> , 2004, 42, 301.	1.1	4
70	The relationship between concentration of a dual marker strain of <i>Salmonella Typhimurium</i> in bovine faeces and its probability of detection by immunomagnetic separation and culture. <i>Journal of Applied Microbiology</i> , 2004, 97, 1054-1062.	3.1	10
71	Influence of copper fungicide residues on occurrence of earthworms in avocado orchard soils. <i>Science of the Total Environment</i> , 2004, 329, 29-41.	8.0	96
72	Influence of arsenic co-contamination on DDT breakdown and microbial activity. <i>Environmental Pollution</i> , 2003, 124, 331-339.	7.5	58

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73	Effect of a preweaning growth restriction on the subsequent growth and meat quality of yearling steers and heifers. Australian Journal of Experimental Agriculture, 2003, 43, 335.	1.0	12
74	Leaf nitrogen and phosphorus levels in macadamias in response to canopy position and light exposure, their potential as leaf-based shading indicators, and implications for diagnostic leaf sampling protocols. Australian Journal of Agricultural Research, 2001, 52, 513.	1.5	10
75	DETERMINATION OF DDT AND ITS METABOLITES IN CATTLE DIP SOIL AVAILABLE IN AQUEOUS PHASE AFTER REMEDIATION. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2001, 36, 501-516.	1.5	2
76	Improving the pre-weaning nutrition of calves by supplementation of the cow and/or the calf while grazing low quality pastures. 1. Cow production. Australian Journal of Experimental Agriculture, 2001, 41, 707.	1.0	4
77	Improving the pre-weaning nutrition of calves by supplementation of the cow and/or the calf while grazing low quality pastures. 2. Calf growth, carcass yield and eating quality. Australian Journal of Experimental Agriculture, 2001, 41, 715.	1.0	21
78	Salt tolerance of Tea Tree (<i>Melaleuca alternifolia</i>). Australian Forestry, 2000, 63, 252-256.	0.9	0
79	Effect of breed type, lactation and nutrition on the calving probability of cattle grazing subtropical pastures in Australia. Journal of Agricultural Science, 1999, 133, 97-102.	1.3	0
80	Fertiliser use efficiency by containerised nursery plants. 3. Effect of heavy leaching and damaged fertiliser prills on plant growth, nutrient uptake, and nutrient loss. Australian Journal of Agricultural Research, 1999, 50, 217.	1.5	20
81	Improved beef production from supplementation of Hereford, Brahman and crossbred cattle grazing low and medium quality pastures in the subtropics of Australia. Animal Science, 1998, 66, 93-104.	1.3	4
82	Changes in characteristics of pastures in the coastal subtropics when grazed by cattle during years of low rainfall. Australian Journal of Experimental Agriculture, 1998, 38, 813.	1.0	5
83	Diagnostic leaf nutrient standards for low-chill peaches in subtropical Australia. Australian Journal of Experimental Agriculture, 1997, 37, 119.	1.0	16
84	Symbiotic Effectiveness of <i>Rhizobium trifolii</i> and Mineralisation of Legume Nitrogen in Response to Past Amendment of a Soil with Sewage Sludge. Agroecology and Sustainable Food Systems, 1997, 11, 23-37.	0.9	6
85	Nodulation of field-grown <i>Pisum sativum</i> and <i>Vicia faba</i> : Competitiveness of inoculant strains of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> determined by an indirect, competitive ELISA method. Soil Biology and Biochemistry, 1996, 28, 247-255.	8.8	15
86	Assessment of gelatin gel and elastase tests for detection of protease activity of <i>Dichelobacter nodosus</i> isolates from ovine footrot. Veterinary Microbiology, 1996, 51, 305-318.	1.9	4
87	Survey of weeds and diseases in cereal crops in the southern wheat belt of New South Wales. Australian Journal of Experimental Agriculture, 1996, 36, 545.	1.0	56
88	Screening species and cultivars for their tolerance to acidic soil conditions.. Plant and Soil, 1993, 155-156, 521-524.	3.7	11
89	Use of thinners can increase the fruit size of blueberries in an evergreen system. New Zealand Journal of Crop and Horticultural Science, 0, , 1-10.	1.3	1