

Kym L Butler

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

1,987
citations

25
h-index

37
g-index

128
ext. papers

2,270
ext. citations

2.4
avg, IF

4.75
L-index

#	Paper	IF	Citations
125	The effects of immuno- and surgical-castration on the behaviour and consequently growth of group-housed, male finisher pigs. <i>Applied Animal Behaviour Science</i> , 2003 , 81, 111-126	2.2	148
124	Sources of sampling variation in saliva cortisol in dogs. <i>Research in Veterinary Science</i> , 2003 , 75, 157-61	2.5	84
123	Health beneficial long chain omega-3 fatty acid levels in Australian lamb managed under extensive finishing systems. <i>Meat Science</i> , 2014 , 96, 1104-10	6.4	65
122	Effects of group size and floor space allowance on grouped sows: aggression, stress, skin injuries, and reproductive performance. <i>Journal of Animal Science</i> , 2013 , 91, 4953-64	0.7	63
121	Relationship between muscle antioxidant status, forms of iron, polyunsaturated fatty acids and functionality (retail colour) of meat in lambs. <i>Meat Science</i> , 2012 , 90, 297-303	6.4	61
120	Accuracy of dual energy X-ray absorptiometry (DXA), weight and P2 back fat to predict whole body and carcass composition in pigs within and across experiments. <i>Livestock Science</i> , 2003 , 84, 231-242		61
119	The effects of providing sawdust to pre-parturient sows in farrowing crates on sow behaviour, the duration of parturition and the occurrence of intra-partum stillborn piglets. <i>Applied Animal Behaviour Science</i> , 1993 , 36, 301-315	2.2	56
118	Sources of variation of health claimable long chain omega-3 fatty acids in meat from Australian lamb slaughtered at similar weights. <i>Meat Science</i> , 2014 , 96, 1095-103	6.4	52
117	A long-term study in Merino sheep experimentally infected with <i>Mycobacterium avium</i> subsp. paratuberculosis: clinical disease, faecal culture and immunological studies. <i>Veterinary Microbiology</i> , 2004 , 104, 165-78	3.3	42
116	Little penguins, <i>Eudyptula minor</i> , show increased avoidance, aggression and vigilance in response to zoo visitors. <i>Applied Animal Behaviour Science</i> , 2015 , 168, 71-76	2.2	40
115	Interrelationships between dietary lysine, sex, and porcine somatotropin administration on growth performance and protein deposition in pigs between 80 and 120 kg live weight. <i>Journal of Animal Science</i> , 2000 , 78, 2639-51	0.7	40
114	Effects of visual contact with zoo visitors on black-capped capuchin welfare. <i>Applied Animal Behaviour Science</i> , 2015 , 167, 65-73	2.2	34
113	A multi-enclosure study investigating the behavioural response of meerkats to zoo visitors. <i>Applied Animal Behaviour Science</i> , 2014 , 156, 70-77	2.2	33
112	Effect of partial covering of the visitor viewing area window on positioning and orientation of zoo orangutans: A preference test. <i>Zoo Biology</i> , 2015 , 34, 223-9	1.6	32
111	A long-term study in Angora goats experimentally infected with <i>Mycobacterium avium</i> subsp. paratuberculosis: clinical disease, faecal culture and immunological studies. <i>Veterinary Microbiology</i> , 2006 , 113, 13-24	3.3	32
110	The effects of a perch, dust bath, and nest box, either alone or in combination as used in furnished cages, on the welfare of laying hens. <i>Poultry Science</i> , 2009 , 88, 456-70	3.9	31
109	A long-term bacteriological and immunological study in Holstein-Friesian cattle experimentally infected with <i>Mycobacterium avium</i> subsp. paratuberculosis and necropsy culture results for Holstein-Friesian cattle, Merino sheep and Angora goats. <i>Veterinary Microbiology</i> , 2007 , 122, 83-96	3.3	31

108	Sources of variation in fibre diameter attributes of Australian alpacas and implications for fleece evaluation and animal selection. <i>Australian Journal of Agricultural Research</i> , 2004 , 55, 433		31
107	Self-Reported Comprehension Ratings of Dog Behavior by Puppy Owners. <i>Anthrozoos</i> , 2009 , 22, 183-193.	3.4	28
106	Relationship of body condition score, live weight, stocking rate and grazing system to the mortality of Angora goats from hypothermia and their use in the assessment of welfare risks. <i>Australian Veterinary Journal</i> , 2008 , 86, 12-7	1.2	28
105	Genotype and age effects on sheep meat production. 2. Carcass quality traits. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 1147		28
104	Live-weight gains on leucaena and native grass pastures after dosing cattle with rumen bacteria capable of degrading DHP, a ruminal metabolite from leucaena. <i>Journal of Agricultural Science</i> , 1988 , 111, 165-170	1	28
103	The allometric relationship between mean fibre diameter of mohair and the fleece-free liveweight of Angora goats over their lifetime. <i>Animal Production Science</i> , 2012 , 52, 35	1.4	27
102	Illness behaviour and outcome following survived myocardial infarction: a prospective study. <i>Journal of Psychosomatic Research</i> , 1981 , 25, 97-107	4.1	26
101	Effects of Regulating Visitor Viewing Proximity and the Intensity of Visitor Behaviour on Little Penguin () Behaviour and Welfare. <i>Animals</i> , 2019 , 9,	3.1	24
100	Contribution of objective and subjective attributes to the variation in commercial value of Australian mohair: implications for mohair production, genetic improvement, and mohair marketing. <i>Australian Journal of Agricultural Research</i> , 2004 , 55, 1283		24
99	Effects of mulesing and alternative procedures to mulesing on the behaviour and physiology of lambs. <i>Applied Animal Behaviour Science</i> , 2009 , 117, 20-27	2.2	23
98	Genotype and age effects on sheep meat production. 4. Carcass composition predicted by dual energy X-ray absorptiometry. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 1172		23
97	Antibody status and survival of Australian wild rabbits challenged with rabbit haemorrhagic disease virus. <i>Wildlife Research</i> , 2009 , 36, 447	1.8	22
96	The effect of rabbit population control programmes on the impact of rabbit haemorrhagic disease in south-eastern Australia. <i>Journal of Applied Ecology</i> , 2010 , 47, 1137-1146	5.8	21
95	Decline in plant and animal production from ageing pastures of green panic (<i>Panicum maximum</i> var. <i>trichoglume</i>). <i>Journal of Agricultural Science</i> , 1987 , 108, 407-417	1	21
94	Genotype and age effects on sheep meat production. 5. Lean meat and fat content in the carcasses of Australian sheep genotypes at 20-, 30- and 40-kg carcass weights. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 893		19
93	Frequency of shearing increases growth of fibre and changes objective and subjective attributes of Angora goat fleeces. <i>Journal of Agricultural Science</i> , 2008 , 146, 351-361	1	19
92	Impacts of visitor number on Kangaroos housed in free-range exhibits. <i>Zoo Biology</i> , 2015 , 34, 287-95	1.6	18
91	Long-term impact of coordinated warren ripping programmes on rabbit populations. <i>Wildlife Research</i> , 2010 , 37, 68	1.8	18

90	Determinants of cashmere production: The contribution of fleece measurements and animal growth on farms. <i>Small Ruminant Research</i> , 2008 , 78, 96-105	1.7	18
89	Accuracy of dual energy X-ray absorptiometry, weight, longissimus lumborum muscle depth and GR fat depth to predict half carcass composition in sheep. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 1165		18
88	Effects of stage of gestation at mixing on aggression, injuries and stress in sows. <i>Applied Animal Behaviour Science</i> , 2015 , 165, 40-46	2.2	17
87	Cashmere production and fleece attributes associated with farm of origin, age and sex of goat in Australia. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 1090		17
86	Comparison of ELISA and CFT assays for Chlamydomphila abortus antibodies in ovine sera. <i>Australian Veterinary Journal</i> , 2007 , 85, 325-8	1.2	17
85	Serological analysis of Chlamydomphila abortus in Australian sheep and implications for the rejection of breeder sheep for export. <i>Australian Veterinary Journal</i> , 2010 , 88, 32-8	1.2	15
84	Factors affecting the concentration of short branched-chain fatty acids in sheep fat. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 1201		15
83	Longitudinal DXA measurements demonstrate lifetime differences in lean and fat tissue deposition between boars and barrows under individual and group-penned systems. <i>Australian Journal of Agricultural Research</i> , 2006 , 57, 1009		15
82	Filling the out of season gaps for lamb and hogget production: Diet and genetic influence on carcass yield, carcass composition and retail value of meat. <i>Meat Science</i> , 2019 , 148, 156-163	6.4	15
81	The allometric relationship between clean mohair growth and the fleece-free liveweight of Angora goats is affected by liveweight change. <i>Animal Production Science</i> , 2013 , 53, 154	1.4	14
80	Implications to fleece evaluation derived from sources of variation contributing to cashmere fibre curvature. <i>Small Ruminant Research</i> , 2009 , 81, 1-7	1.7	14
79	Polyunsaturated fats in meat from Merino, first- and second-cross sheep slaughtered as yearlings. <i>Meat Science</i> , 2009 , 83, 314-9	6.4	14
78	The behaviour of Labrador retrievers in suburban backyards: The relationships between the backyard environment and dog behaviour. <i>Applied Animal Behaviour Science</i> , 2007 , 106, 70-84	2.2	14
77	Bias when predicting crude protein, dry matter digestibility and voluntary intake of tropical grasses by near-infrared reflectance. <i>Animal Feed Science and Technology</i> , 1983 , 9, 221-237	3	14
76	Aged Vacuum Packaged Lamb Cuts Are Less Brown than Fresh Muscle Cuts under Simulated Retail Display. <i>Food and Nutrition Sciences (Print)</i> , 2013 , 04, 147-153	0.4	14
75	Variation of mean fibre diameter across mohair fleeces: Implications for within flock animal selection, genetic selection, fleece classing and objective sale lot building. <i>Small Ruminant Research</i> , 2008 , 75, 54-64	1.7	13
74	The effects of induced parturition on the incidence of clinical disease and mortality in dairy cows from commercial herds in south-western Victoria. <i>Australian Veterinary Journal</i> , 1995 , 72, 1-4	1.2	13
73	Characterisation of Shy-feeding and Feeding lambs in the first week in a feedlot. <i>Applied Animal Behaviour Science</i> , 2016 , 179, 39-45	2.2	13

72	Relationships between temperament, feeding behaviour, social interactions, and stress in lambs adapting to a feedlot environment. <i>Applied Animal Behaviour Science</i> , 2016 , 183, 42-50	2.2	12
71	Herbicide efficacy for aquatic <i>Alternanthera philoxeroides</i> management in an early stage of invasion: integrating above-ground biomass, below-ground biomass and viable stem fragmentation. <i>Weed Research</i> , 2017 , 57, 257-266	1.9	12
70	The Effect of Age, Stocking Density and Flooring during Transport on Welfare of Young Dairy Calves in Australia. <i>Animals</i> , 2014 , 4, 184-99	3.1	11
69	Joint contribution of individual plant attributes to seed yield of cowpea (<i>Vigna unguiculata</i> L.) in small plots. <i>Field Crops Research</i> , 1983 , 6, 161-170	5.5	11
68	The effects of floor space and nest box access on the physiology and behavior of caged laying hens. <i>Poultry Science</i> , 2019 , 98, 533-547	3.9	10
67	Management of aquatic alligator weed (<i>Alternanthera philoxeroides</i>) in an early stage of invasion. <i>Management of Biological Invasions</i> , 2014 , 5, 327-339	2.2	10
66	Biogeographical comparison of the emergent macrophyte, <i>Sagittaria platyphylla</i> in its native and introduced ranges. <i>Aquatic Botany</i> , 2017 , 141, 1-9	1.8	9
65	Effects of varying floor space on aggressive behavior and cortisol concentrations in group-housed sows. <i>Journal of Animal Science</i> , 2016 , 94, 4809-4818	0.7	9
64	Variation in mohair staple length over the lifetime of Angora goats. <i>Animal Production Science</i> , 2013 , 53, 479	1.4	9
63	The relationships between morphological features and social signalling behaviours in juvenile dogs: the effect of early experience with dogs of different morphotypes. <i>Behavioural Processes</i> , 2010 , 85, 1-7	1.6	9
62	Effect of Covering a Visitor Viewing Area Window on the Behaviour of Zoo-Housed Little Penguins (<i>Spheniscus demigressus</i>). <i>Animals</i> , 2020 , 10,	3.1	9
61	The relationship between the incidence of medullated fibres in mohair and live weight over the lifetime of Angora goats. <i>Small Ruminant Research</i> , 2013 , 113, 90-97	1.7	8
60	The relationship of adult morphology and early social signalling of the domestic dog (<i>Canis familiaris</i>). <i>Behavioural Processes</i> , 2009 , 81, 376-82	1.6	8
59	Survival of a submerged aquatic weed (<i>Egeria densa</i>) during lake drawdown within mounds of stranded vegetation. <i>Lake and Reservoir Management</i> , 2012 , 28, 153-157	1.3	8
58	Reductions in milk production after induced parturition in dairy cows from commercial herds in south-western Victoria. <i>Australian Veterinary Journal</i> , 1995 , 72, 241-5	1.2	8
57	Calculation of the heritability of spinning fineness from phenotypic and genetic parameters of the mean and CV of fibre diameter. <i>Australian Journal of Agricultural Research</i> , 1992 , 43, 1441		8
56	The influence of dietary energy intake on growth performance and tissue deposition in pigs between 80 and 120 kg liveweight. <i>Australian Journal of Agricultural Research</i> , 2004 , 55, 1271		8
55	Coarser wool is not a necessary consequence of sheep aging: allometric relationship between fibre diameter and fleece-free liveweight of Saxon Merino sheep. <i>Animal</i> , 2016 , 10, 2051-2060	3.1	8

54	The relationship between permanent incisor wear and mohair production and attributes in grazing adult Angora goats. <i>Small Ruminant Research</i> , 2011 , 100, 37-43	1.7	7
53	Variation of mohair staple length across Angora goat fleeces: implications for animal selection and fleece evaluation. <i>Journal of Agricultural Science</i> , 2009 , 147, 493-501	1	7
52	Efficacy of a competitive enzyme-linked immunosorbent assay (cELISA) for estimating prevalence of immunity to rabbit haemorrhagic disease virus (RHDV) in populations of Australian wild rabbits (<i>Oryctolagus cuniculus</i>). <i>Wildlife Research</i> , 2002 , 29, 635	1.8	7
51	Spinning Fineness for Wool. <i>Journal of the Textile Institute</i> , 1995 , 86, 164-166	1.5	7
50	The effects of induced parturition in dairy cows on the incidence of mortality in calves from commercial herds in south-western Victoria. <i>Australian Veterinary Journal</i> , 1995 , 72, 5-7	1.2	7
49	Direct effects of induced parturition on subsequent reproductive performance of dairy cows from commercial herds in south-western Victoria. <i>Australian Veterinary Journal</i> , 1995 , 72, 293-5	1.2	7
48	An analysis of variability and genotype \times environment interaction in mung bean (<i>Vigna radiata</i>) in south-eastern Queensland. <i>Australian Journal of Agricultural Research</i> , 1982 , 33, 523		7
47	Reduced space allowance for adult sheep in lairage for 24hours limits lying behaviour but not drinking behaviour. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 1048		7
46	The relationship of the incidence of medullated fibres to the dimensional properties of mohair over the lifetime of Angora goats. <i>Small Ruminant Research</i> , 2013 , 115, 40-50	1.7	6
45	Survival of cabomba (<i>Cabomba caroliniana</i>) during lake drawdown within mounds of stranded vegetation. <i>Lake and Reservoir Management</i> , 2013 , 29, 61-67	1.3	6
44	Understanding the impact of sire lean meat yield breeding value on carcass composition, meat quality, nutrient and mineral content of Australian lamb. <i>Meat Science</i> , 2020 , 170, 108236	6.4	5
43	Harvest interval affects lucerne (<i>Medicago sativa</i> L.) taproot total yield, starch, nitrogen and water-soluble carbohydrates. <i>Journal of Agronomy and Crop Science</i> , 2020 , 206, 619-629	3.9	5
42	Assessment of management options for Chilean needle grass in sheep-grazing systems. <i>Grass and Forage Science</i> , 2014 , 69, 119-128	2.3	5
41	Self-Reported Comprehension Ratings of Dog Behavior by Owners of Adult Dogs. <i>Anthrozoos</i> , 2013 , 26, 5-11	2.4	5
40	Ease of moving young calves at different ages. <i>Australian Veterinary Journal</i> , 2013 , 91, 94-8	1.2	5
39	Acute effects of mulesing and alternative procedures to mulesing on lamb behaviour. <i>Applied Animal Behaviour Science</i> , 2011 , 133, 169-174	2.2	5
38	Variation of fibre diameter coefficient of variation and fibre curvature across mohair fleeces: Implications for animal selection, genetic selection and fleece evaluation. <i>Small Ruminant Research</i> , 2009 , 85, 1-10	1.7	5
37	Effects of breed, season of lambing and fecundity level on production per ewe and per hectare. <i>Australian Journal of Experimental Agriculture</i> , 1991 , 31, 15		5

36	The Human-Animal Relationship in Australian Caged Laying Hens. <i>Animals</i> , 2019 , 9,	3.1	4
35	Indices for cashmere fleece competition and across farm comparisons: The role of staple length in identifying goats of higher cashmere production. <i>Small Ruminant Research</i> , 2014 , 121, 131-135	1.7	4
34	Effects of flupropanate application on bare ground and broadleaf weeds when used to control Chilean needle grass in introduced pastures. <i>New Zealand Journal of Agricultural Research</i> , 2014 , 57, 100-109	1.0	4
33	Determinants of permanent first incisor eruption in grazing Australian Angora goats. <i>Australian Veterinary Journal</i> , 2011 , 89, 490-5	1.2	4
32	Rhizobium strain evaluation of Glycine max cv. Davis, Vigna mungo cv. Regur and V. unguiculata cv. Caloona for three soils in glasshouse and field experiments. <i>Australian Journal of Experimental Agriculture</i> , 1983 , 23, 43		4
31	Reducing the level of nutrition of twin-bearing ewes during mid to late pregnancy produces leaner prime lambs at slaughter. <i>Animal</i> , 2020 , 14, 864-872	3.1	4
30	The effect of trough space and floor space on feeding and welfare of lambs in an intensive finishing system. <i>Applied Animal Behaviour Science</i> , 2017 , 186, 16-21	2.2	3
29	Indices for the identification of biologically productive cashmere goats within farms. <i>Small Ruminant Research</i> , 2015 , 129, 11-17	1.7	3
28	Lifetime and fleece quality traits associated with the occurrence of entangled mohair staples. <i>Small Ruminant Research</i> , 2014 , 116, 165-175	1.7	3
27	Mammalian browsing impact on regenerating Eucalyptus seedlings in a large commercially managed native forest estate. <i>New Forests</i> , 2009 , 37, 197-211	2.6	3
26	Assessing the fundamental host-range of <i>Leptinotarsa texana</i> Schaeffer as an essential precursor to biological control risk analysis. <i>Biological Control</i> , 2020 , 143, 104165	3.8	3
25	Maximising lucerne (<i>Medicago sativa</i> L.) production with fixed-length recovery intervals after defoliation in mild winter environments. <i>Journal of Agronomy and Crop Science</i> , 2019 , 205, 88-98	3.9	3
24	The effect of milk quantity and feeding frequency on calf growth and behaviour. <i>Animal Production Science</i> , 2020 , 60, 944	1.4	3
23	The short-term behavioural response of sows, but not gilts, to a social stimulus is related to sow aggressiveness in groups. <i>Behavioural Processes</i> , 2017 , 140, 216-225	1.6	2
22	Hydrodynamic exposure and time since application influence endothall amine potency against submersed aquatic plants. <i>Aquatic Botany</i> , 2019 , 155, 18-24	1.8	2
21	Lucerne (<i>Medicago sativa</i> L.) Persistence Remains Unchanged under Variable Cutting Regimes. <i>Agronomy</i> , 2020 , 10, 844	3.6	2
20	Eruption of first permanent incisors and live weight gain in grazing yearling Angora goats. <i>Australian Veterinary Journal</i> , 2013 , 91, 179-84	1.2	2
19	Effects of stall dimensions on the welfare of pregnant sows. <i>Animal Production Science</i> , 2011 , 51, 471	1.4	2

18	Using Plant Growth Regulators to Limit Herbicide-Induced Stem Fragmentation of Aquatic Alligatorweed (<i>Alternanthera philoxeroides</i>). <i>Weed Technology</i> , 2012 , 26, 89-94	1.4	2
17	Phenotypic associations with fibre curvature standard deviation in cashmere. <i>Small Ruminant Research</i> , 2010 , 91, 193-199	1.7	2
16	Relationship of weaning weight to the mature liveweight of cashmere does on Australian farms. <i>Animal Production Science</i> , 2010 , 50, 581	1.4	2
15	Could enemy release explain invasion success of <i>Sagittaria platyphylla</i> in Australia and South Africa?. <i>Aquatic Botany</i> , 2019 , 153, 67-72	1.8	2
14	Lipid Oxidation and Colour Stability of Lamb and Yearling Meat (Muscle) from Sheep Supplemented with Camelina-Based Diets after Short-,Medium-, and Long-Term Storage. <i>Antioxidants</i> , 2021 , 10,	7.1	2
13	Effects of Positive Human Contact during Gestation on the Behaviour, Physiology and Reproductive Performance of Sows. <i>Animals</i> , 2021 , 11,	3.1	2
12	The effects of kennel size and exercise on the behaviour and stress physiology of individually-housed greyhounds. <i>Applied Animal Behaviour Science</i> , 2018 , 199, 29-34	2.2	2
11	Sensitivity of Winter-Active Lucerne (<i>Medicago sativa</i> L.) to Different Grazing Regimes. <i>Agronomy</i> , 2018 , 8, 124	3.6	2
10	Understanding the action of muscle iron concentration on dark cutting: An important aspect affecting consumer confidence of purchasing meat. <i>Meat Science</i> , 2020 , 167, 108156	6.4	1
9	The value of visual fleece assessment in addition to objective measurements in identifying Angora goats of greater clean mohair production. <i>Small Ruminant Research</i> , 2014 , 120, 51-63	1.7	1
8	Wear of permanent incisors with age on commercial Australian Angora goat farms. <i>Australian Veterinary Journal</i> , 2015 , 93, 36-9	1.2	1
7	Essential oil products have both a direct and a fumigant effect on reducing serrated tussock seed germination. <i>New Zealand Journal of Agricultural Research</i> , 2015 , 58, 454-462	1.9	1
6	Behavioural responses of lambs to plastic clips as an alternative procedure to mulesing. <i>Australian Veterinary Journal</i> , 2012 , 90, 373-80	1.2	1
5	Associations of mature live weight of Australian cashmere goats with farm of origin and age. <i>Small Ruminant Research</i> , 2010 , 89, 1-6	1.7	1
4	Residues and Dissipation of the Herbicide Imazapyr after Operational Use in Irrigation Water. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
3	Sediment Facilitates Microbial Degradation of the Herbicides Endothall Monoamine Salt and Endothall Dipotassium Salt in an Aquatic Environment. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	1
2	Effects of the presence of zoo visitors on zoo-housed little penguins (<i>Eudyptula minor</i>). <i>New Zealand Journal of Zoology</i> , 1-22	0.8	0
1	Seasonal growth of lucerne (<i>Medicago sativa</i>) under rainfed conditions in south east Australia: Variation of experimental and commercial cultivars sourced from Australia and China. <i>Field Crops Research</i> , 2022 , 277, 108409	5.5	

