

Kym L Butler

List of Publications by Year in Descending Order

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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	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	
124	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
123	Effects of Positive Human Contact during Gestation on the Behaviour, Physiology and Reproductive Performance of Sows. <i>Animals</i> , 2021 , 11,	3.1	2
122	Lucerne (<i>Medicago sativa</i> L.) Persistence Remains Unchanged under Variable Cutting Regimes. <i>Agronomy</i> , 2020 , 10, 844	3.6	2
121	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
120	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
119	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
118	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
117	Effect of Covering a Visitor Viewing Area Window on the Behaviour of Zoo-Housed Little Penguins (). <i>Animals</i> , 2020 , 10,	3.1	9
116	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
115	The effect of milk quantity and feeding frequency on calf growth and behaviour. <i>Animal Production Science</i> , 2020 , 60, 944	1.4	3
114	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
113	The Human-Animal Relationship in Australian Caged Laying Hens. <i>Animals</i> , 2019 , 9,	3.1	4
112	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
111	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
110	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
109	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

108	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
107	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
106	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
105	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
104	Sensitivity of Winter-Active Lucerne (<i>Medicago sativa</i> L.) to Different Grazing Regimes. <i>Agronomy</i> , 2018 , 8, 124	3.6	2
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	Indices for the identification of biologically productive cashmere goats within farms. <i>Small Ruminant Research</i> , 2015 , 129, 11-17	1.7	3
93	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
92	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
91	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

90	Wear of permanent incisors with age on commercial Australian Angora goat farms. <i>Australian Veterinary Journal</i> , 2015 , 93, 36-9	1.2	1
89	Impacts of visitor number on Kangaroos housed in free-range exhibits. <i>Zoo Biology</i> , 2015 , 34, 287-95	1.6	18
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	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
79	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	1.9	4
78	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
77	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
76	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
75	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
74	Variation in mohair staple length over the lifetime of Angora goats. <i>Animal Production Science</i> , 2013 , 53, 479	1.4	9
73	Self-Reported Comprehension Ratings of Dog Behavior by Owners of Adult Dogs. <i>Anthrozoos</i> , 2013 , 26, 5-11	2.4	5

72	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
71	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
70	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
69	Ease of moving young calves at different ages. <i>Australian Veterinary Journal</i> , 2013 , 91, 94-8	1.2	5
68	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
67	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
66	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
65	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
64	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
63	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
62	Effects of stall dimensions on the welfare of pregnant sows. <i>Animal Production Science</i> , 2011 , 51, 471	1.4	2
61	Determinants of permanent first incisor eruption in grazing Australian Angora goats. <i>Australian Veterinary Journal</i> , 2011 , 89, 490-5	1.2	4
60	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
59	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
58	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
57	Serological analysis of <i>Chlamydophila abortus</i> 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
56	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
55	Long-term impact of coordinated warren ripping programmes on rabbit populations. <i>Wildlife Research</i> , 2010 , 37, 68	1.8	18

54	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
53	Phenotypic associations with fibre curvature standard deviation in cashmere. <i>Small Ruminant Research</i> , 2010 , 91, 193-199	1.7	2
52	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
51	Self-Reported Comprehension Ratings of Dog Behavior by Puppy Owners. <i>Anthrozoos</i> , 2009 , 22, 183-193	2.4	28
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	Antibody status and survival of Australian wild rabbits challenged with rabbit haemorrhagic disease virus. <i>Wildlife Research</i> , 2009 , 36, 447	1.8	22
41	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
40	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
39	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
38	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
37	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

36	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
35	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
34	Factors affecting the concentration of short branched-chain fatty acids in sheep fat. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 1201		15
33	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
32	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
31	A long-term bacteriological and immunological study in Holstein-Friesian cattle experimentally infected with Mycobacterium avium 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
30	Genotype and age effects on sheep meat production. 2. Carcass quality traits. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 1147		28
29	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
28	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
27	A long-term study in Angora goats experimentally infected with Mycobacterium avium subsp. paratuberculosis: clinical disease, faecal culture and immunological studies. <i>Veterinary Microbiology</i> , 2006 , 113, 13-24	3.3	32
26	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
25	A long-term study in Merino sheep experimentally infected with Mycobacterium avium subsp. paratuberculosis: clinical disease, faecal culture and immunological studies. <i>Veterinary Microbiology</i> , 2004 , 104, 165-78	3.3	42
24	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
23	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
22	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
21	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
20	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
19	Sources of sampling variation in saliva cortisol in dogs. <i>Research in Veterinary Science</i> , 2003 , 75, 157-61	2.5	84

18	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
17	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
16	Spinning Fineness for Wool. <i>Journal of the Textile Institute</i> , 1995 , 86, 164-166	1.5	7
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	Rhizobium strain evaluation of <i>Glycine max</i> cv. Davis, <i>Vigna mungo</i> cv. Regur and <i>V. unguiculata</i> cv. Caloona for three soils in glasshouse and field experiments. <i>Australian Journal of Experimental Agriculture</i> , 1983 , 23, 43		4
3	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
2	Illness behaviour and outcome following survived myocardial infarction: a prospective study. <i>Journal of Psychosomatic Research</i> , 1981 , 25, 97-107	4.1	26
1	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

