Caroline Lee

List of Publications by Year in Descending Order

101 papers	2,125 citations	27 h-index	40 g-index
111 ext. papers	2,744 ext. citations	2.5 avg, IF	5.28 L-index

#	Paper	IF	Citations
101	Impacts of Rearing Enrichments on PulletsTand Free-Range HensTPositive Behaviors across the Flock Cycle.. *Animals*, **2022**, 12,	3.1	1
100	Preference testing for UV light spectrum and intensity in laying hens. *Poultry Science*, **2021**, 100, 101063	3.9	1
99	The application of virtual fencing technology effectively herds cattle and sheep. *Animal Production Science*, **2021**, 61, 1393	1.4	2
98	A Multi-Disciplinary Approach to Assess the Welfare Impacts of a New Virtual Fencing Technology. *Frontiers in Veterinary Science*, **2021**, 8, 637709	3.1	2
97	A Perspective on Strategic Enrichment for Brain Development: Is This the Key to Animal Happiness?. *Frontiers in Veterinary Science*, **2021**, 8, 720422	3.1	0
96	Rearing enrichments differentially modified hen personality traits and reduced prediction of range use. *Animal Behaviour*, **2021**, 179, 97-109	2.8	2
95	Validation of Real-Time Kinematic (RTK) Devices on Sheep to Detect Grazing Movement Leaders and Social Networks in Merino Ewes. *Sensors*, **2021**, 21,	3.8	3
94	Welfare of beef cattle in Australian feedlots: a review of the risks and measures. *Animal Production Science*, **2020**, 60, 1569	1.4	5
93	A novel protocol to measure startle magnitude in sheep. *Applied Animal Behaviour Science*, **2020**, 228, 104996	2.2	1
92	Virtual Fencing Technology Excludes Beef Cattle from an Environmentally Sensitive Area. *Animals*, **2020**, 10,	3.1	12
91	Pre-Exposure to an Electrical Stimulus Primes Associative Pairing of Audio and Electrical Stimuli for Dairy Heifers in a Virtual Fencing Feed Attractant Trial. *Animals*, **2020**, 10,	3.1	8
90	Minimal Effects of Rearing Enrichments on Pullet Behaviour and Welfare. *Animals*, **2020**, 10,	3.1	4
89	The Influence of Temperament on Body Temperature Response to Handling in Angus Cattle. *Animals*, **2020**, 10,	3.1	11
88	Social influence on the effectiveness of virtual fencing in sheep. *PeerJ*, **2020**, 8, e10066	3.1	5
87	Analysis of Cattle Social Transitional Behaviour: Attraction and Repulsion. *Sensors*, **2020**, 20,	3.8	5
86	The Influence of Predictability and Controllability on Stress Responses to the Aversive Component of a Virtual Fence. *Frontiers in Veterinary Science*, **2020**, 7, 580523	3.1	4
85	Relationships Between Rearing Enrichments, Range Use, and an Environmental Stressor for Free-Range Laying Hen Welfare. *Frontiers in Veterinary Science*, **2020**, 7, 480	3.1	6

84	Virtual Fence Responses Are Socially Facilitated in Beef Cattle. *Frontiers in Veterinary Science*, **2020**, 7, 543158	3.1	8
83	Efficacy of precisely injected single local bolus of lignocaine for alleviation of behavioural responses to pain during tail docking and castration of lambs with rubber rings. *Research in Veterinary Science*, **2020**, 133, 210-218	2.5	3
82	Attention Bias Test Measures Negative But Not Positive Affect in Sheep: A Replication Study. *Animals*, **2020**, 10,	3.1	4
81	Rearing Enrichments Affected Ranging Behavior in Free-Range Laying Hens. *Frontiers in Veterinary Science*, **2020**, 7, 446	3.1	8
80	Chronic stress influences attentional and judgement bias and the activity of the HPA axis in sheep. *PLoS ONE*, **2019**, 14, e0211363	3.7	12
79	A review of environmental enrichment for laying hens during rearing in relation to their behavioral and physiological development. *Poultry Science*, **2019**, 98, 9-28	3.9	45
78	Pharmacologically-induced stress has minimal impact on judgement and attention biases in sheep. *Scientific Reports*, **2019**, 9, 11446	4.9	8
77	The importance of an audio cue warning in training sheep to a virtual fence and differences in learning when tested individually or in small groups. *Applied Animal Behaviour Science*, **2019**, 221, 104862	2.2	8
76	The influence of pharmacologically-induced affective states on attention bias in sheep. *PeerJ*, **2019**, 7, e7033	3.1	10
75	An attention bias test to assess anxiety states in laying hens. *PeerJ*, **2019**, 7, e7303	3.1	11
74	Application of open field, tonic immobility, and attention bias tests to hens with different ranging patterns. *PeerJ*, **2019**, 7, e8122	3.1	19
73	The Effect of Virtual Fencing Stimuli on Stress Responses and Behavior in Sheep. *Animals*, **2019**, 9,	3.1	13
72	Virtual Fencing Is Comparable to Electric Tape Fencing for Cattle Behavior and Welfare. *Frontiers in Veterinary Science*, **2019**, 6, 445	3.1	22
71	Temporary Exclusion of Cattle from a Riparian Zone Using Virtual Fencing Technology. *Animals*, **2018**, 9,	3.1	21
70	Impact of on-range choice feeding with black soldier fly larvae () on flock performance, egg quality, and range use of free-range laying hens. *Animal Nutrition*, **2018**, 4, 452-460	4.8	27
69	A randomised field study evaluating the effectiveness of buccal meloxicam and topical local anaesthetic formulations administered singly or in combination at improving welfare of female Merino lambs undergoing surgical mulesing and hot knife tail docking. *Research in Veterinary Science*, **2018**, 118, 305-311	2.5	10
68	A pen study evaluation of buccal meloxicam and topical anaesthetic at improving welfare of lambs undergoing surgical mulesing and hot knife tail docking. *Research in Veterinary Science*, **2018**, 118, 270-277	2.5	10
67	Spatial Cognition and Range Use in Free-Range Laying Hens. *Animals*, **2018**, 8,	3.1	18

66	Controlling Within-Field Sheep Movement Using Virtual Fencing. *Animals*, **2018**, 8,	3.1	22
65	A Novel Protocol to Assess Acclimation Rate in Bos taurus Heifers during Yard Weaning. *Animals*, **2018**, 8,	3.1	3
64	Cattle priorities **2018**, 93-122		0
63	Towards a more practical attention bias test to assess affective state in sheep. *PLoS ONE*, **2018**, 13, e0190404	3.7	22
62	Anxiety influences attention bias but not flight speed and crush score in beef cattle. *Applied Animal Behaviour Science*, **2018**, 205, 210-215	2.2	36
61	Virtual fencing of cattle using an automated collar in a feed attractant trial. *Applied Animal Behaviour Science*, **2018**, 200, 71-77	2.2	26
60	Early enrichment in free-range laying hens: effects on ranging behaviour, welfare and response to stressors. *Animal*, **2018**, 12, 575-584	3.1	21
59	A Framework to Assess the Impact of New Animal Management Technologies on Welfare: A Case Study of Virtual Fencing. *Frontiers in Veterinary Science*, **2018**, 5, 187	3.1	30
58	Relationship between Rectal Temperature and Vaginal Temperature in Grazing Heifers. *Animals*, **2018**, 8,	3.1	12
57	Attention Bias Test Differentiates Anxiety and Depression in Sheep. *Frontiers in Behavioral Neuroscience*, **2018**, 12, 246	3.5	18
56	Developing an Ethically Acceptable Virtual Fencing System for Sheep. *Animals*, **2018**, 8,	3.1	21
55	Egg production and egg quality in free-range laying hens housed at different outdoor stocking densities. *Poultry Science*, **2017**, 96, 3128-3137	3.9	11
54	Individual differences in personality in laying hens are related to learning a colour cue association. *Behavioural Processes*, **2017**, 134, 37-42	1.6	17
53	Self-administration by consumption of flunixin in feed alleviates the pain and inflammation associated with castration and tail docking of lambs. *Applied Animal Behaviour Science*, **2017**, 188, 26-33	2.2	7
52	Outdoor stocking density in free-range laying hens: radio-frequency identification of impacts on range use. *Animal*, **2017**, 11, 121-130	3.1	33
51	Outdoor stocking density in free-range laying hens: effects on behaviour and welfare. *Animal*, **2017**, 11, 1036-1045	3.1	26
50	Learning and Judgment Can Be Affected by Predisposed Fearfulness in Laying Hens. *Frontiers in Veterinary Science*, **2017**, 4, 113	3.1	13
49	Future challenges and opportunities in sheep welfare **2017**, 285-293		4

48	Tech-Savvy Beef Cattle? How Heifers Respond to Moving Virtual Fence Lines. *Animals*, **2017**, 7,	3.1	25
47	Does energy intake influence diet selection of novel forages by horses?. *Livestock Science*, **2016**, 186, 6-15	1.7	7
46	Fear and coping styles of outdoor-preferring, moderate-outdoor and indoor-preferring free-range laying hens. *Applied Animal Behaviour Science*, **2016**, 185, 73-77	2.2	47
45	Attention bias to threat indicates anxiety differences in sheep. *Biology Letters*, **2016**, 12,	3.6	45
44	Palatability and pharmacokinetics of flunixin when administered to sheep through feed. *PeerJ*, **2016**, 4, e1800	3.1	4
43	The influence of odour, taste and nutrients on feeding behaviour and food preferences in horses. *Applied Animal Behaviour Science*, **2016**, 184, 41-50	2.2	21
42	Acceptance of novel food by horses: The influence of food cues and nutrient composition. *Applied Animal Behaviour Science*, **2016**, 183, 59-67	2.2	14
41	Acute stress enhances sensitivity to a highly attractive food reward without affecting judgement bias in laying hens. *Applied Animal Behaviour Science*, **2015**, 163, 135-143	2.2	26
40	Effect of local infusion of NSAID analgesics administered alone or in combination on the pain associated with band castration in calves. *Australian Veterinary Journal*, **2015**, 93, 271-7	1.2	4
39	Randomised trial of the bioavailability and efficacy of orally administered flunixin, carprofen and ketoprofen in a pain model in sheep. *Australian Veterinary Journal*, **2015**, 93, 265-70	1.2	4
38	Browse-related behaviors of pastured horses in Australia: A survey. *Journal of Veterinary Behavior: Clinical Applications and Research*, **2015**, 10, 48-53	1.9	8
37	Evaluating pharmacological models of high and low anxiety in sheep. *PeerJ*, **2015**, 3, e1510	3.1	13
36	Generating positive affective states in sheep: The influence of food rewards and opioid administration. *Applied Animal Behaviour Science*, **2014**, 154, 39-47	2.2	28
35	Stress-induced behavioral and metabolic adaptations lead to an obesity-prone phenotype in ewes with elevated cortisol responses. *Psychoneuroendocrinology*, **2014**, 47, 166-77	5	23
34	Are hungry sheep more pessimistic? The effects of food restriction on cognitive bias and the involvement of ghrelin in its regulation. *Physiology and Behavior*, **2014**, 123, 67-75	3.5	38
33	Performance of sheep in a spatial maze is impeded by negative stimuli. *Applied Animal Behaviour Science*, **2014**, 151, 36-42	2.2	6
32	How assessing relationships between emotions and cognition can improve farm animal welfare. *OIE Revue Scientifique Et Technique*, **2014**, 33, 103-10	2.5	40
31	Chronic stress induces pessimistic-like judgment and learning deficits in sheep. *Applied Animal Behaviour Science*, **2013**, 148, 28-36	2.2	52

30	Preference of beef cattle for feedlot or pasture environments. *Applied Animal Behaviour Science*, **2013**, 145, 53-59	2.2	14
29	Evaluating a novel analgesic strategy for ring castration of ram lambs. *Veterinary Anaesthesia and Analgesia*, **2012**, 39, 539-49	1.3	15
28	Opioid control of behaviour in sheep: Effects of morphine and naloxone on food intake, activity and the affective state. *Applied Animal Behaviour Science*, **2012**, 142, 18-29	2.2	22
27	Social transmission of physiological and behavioural responses to castration in suckling Merino lambs. *Applied Animal Behaviour Science*, **2012**, 136, 136-145	2.2	14
26	Does reduction of fearfulness tend to reduce pessimistic-like judgment in lambs?. *Applied Animal Behaviour Science*, **2012**, 139, 233-241	2.2	43
25	Measuring judgement bias and emotional reactivity in sheep following long-term exposure to unpredictable and aversive events. *Physiology and Behavior*, **2011**, 102, 503-10	3.5	90
24	Development of a lameness model in sheep for assessing efficacy of analgesics. *Australian Veterinary Journal*, **2011**, 89, 297-304	1.2	16
23	Administration of serotonin inhibitor p-Chlorophenylalanine induces pessimistic-like judgement bias in sheep. *Psychoneuroendocrinology*, **2011**, 36, 279-88	5	45
22	Sheep exhibit a positive judgement bias and stress-induced hyperthermia following shearing. *Applied Animal Behaviour Science*, **2011**, 131, 94-103	2.2	55
21	Physiological and behavioural effects of intradermal injection of sodium lauryl sulfate as an alternative to mulesing in lambs. *Australian Veterinary Journal*, **2010**, 88, 483-9	1.2	8
20	The effect of repeated testing on judgement biases in sheep. *Behavioural Processes*, **2010**, 83, 349-52	1.6	80
19	The effects of 12, 30, or 48 hours of road transport on the physiological and behavioral responses of sheep. *Journal of Animal Science*, **2010**, 88, 2144-52	0.7	39
18	Release from restraint generates a positive judgement bias in sheep. *Applied Animal Behaviour Science*, **2010**, 122, 28-34	2.2	107
17	The influence of land transport on animal welfare in extensive farming systems. *Journal of Veterinary Behavior: Clinical Applications and Research*, **2009**, 4, 157-162	1.9	38
16	Associative learning by cattle to enable effective and ethical virtual fences. *Applied Animal Behaviour Science*, **2009**, 119, 15-22	2.2	46
15	Assessment of welfare of suckling lambs following intradermal injection of cetrimide as a non-surgical alternative to conventional mulesing. *Australian Veterinary Journal*, **2009**, 87, 12-8	1.2	16
14	Effect of the non-steroidal anti-inflammatory drug, carprofen, on weaned sheep following non-surgical mulesing by intradermal injection of cetrimide. *Australian Veterinary Journal*, **2009**, 87, 19-26	1.2	22
13	Effects of a topical anaesthetic formulation and systemic carprofen, given singly or in combination, on the cortisol and behavioural responses of Merino lambs to castration. *Australian Veterinary Journal*, **2009**, 87, 230-7	1.2	31

12	Effects of meloxicam or tolfenamic acid administration on the pain and stress responses of Merino lambs to mulesing. *Australian Veterinary Journal*, **2008**, 86, 303-11	1.2	40
11	The effect of low energy electric shock on cortisol, β-endorphin, heart rate and behaviour of cattle. *Applied Animal Behaviour Science*, **2008**, 113, 32-42	2.2	20
10	Effect of loading practices and 6-hour road transport on the physiological responses of yearling cattle. *Australian Journal of Experimental Agriculture*, **2008**, 48, 1028		20
9	Behavioral aspects of electronic bull separation and mate allocation in multiple-sire mating paddocks. *Journal of Animal Science*, **2008**, 86, 1690-6	0.7	10
8	Effectiveness of non-steroidal anti-inflammatory drugs and epidural anaesthesia in reducing the pain and stress responses to a surgical husbandry procedure (mulesing) in sheep. *Australian Journal of Experimental Agriculture*, **2008**, 48, 1034		12
7	Welfare consequences of mulesing of sheep. *Australian Veterinary Journal*, **2007**, 85, 89-93	1.2	34
6	The effect of a topical anaesthetic formulation, systemic flunixin and carprofen, singly or in combination, on cortisol and behavioural responses of Merino lambs to mulesing. *Australian Veterinary Journal*, **2007**, 85, 98-106	1.2	79
5	Methods of training cattle to avoid a location using electrical cues. *Applied Animal Behaviour Science*, **2007**, 108, 229-238	2.2	31
4	The design and evaluation of a mobile sensor/actuator network for autonomous animal control **2007**,		42
3	Development of a maze test and its application to assess spatial learning and memory in Merino sheep. *Applied Animal Behaviour Science*, **2006**, 96, 43-51	2.2	33
2	Performance and endocrine responses of group housed weaner pigs exposed to the air quality of a commercial environment. *Livestock Science*, **2005**, 93, 255-262		36
1	The effect of active immunization against adrenocorticotropic hormone on cortisol, beta-endorphin, vocalization, and growth in pigs. *Journal of Animal Science*, **2005**, 83, 2372-9	0.7	6