

# Sabrina H Lomax

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

666  
citations

623188

14  
h-index

580395

25  
g-index

34  
all docs

34  
docs citations

34  
times ranked

388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent perception for cattle monitoring: A review for cattle identification, body condition score evaluation, and weight estimation. <i>Computers and Electronics in Agriculture</i> , 2021, 185, 106143.	3.7	69
2	Impact of topical anaesthesia on pain alleviation and wound healing in lambs after mulesing. <i>Australian Veterinary Journal</i> , 2008, 86, 159-168.	0.5	64
3	Topical anaesthesia alleviates short-term pain of castration and tail docking in lambs. <i>Australian Veterinary Journal</i> , 2010, 88, 67-74.	0.5	57
4	Does Virtual Fencing Work for Grazing Dairy Cattle?. <i>Animals</i> , 2019, 9, 429.	1.0	50
5	Individual Cattle Identification Using a Deep Learning Based Framework. <i>IFAC-PapersOnLine</i> , 2019, 52, 318-323.	0.5	47
6	Topical anesthesia mitigates the pain of castration in beef calves1. <i>Journal of Animal Science</i> , 2013, 91, 4945-4952.	0.2	46
7	The effect of a topical anesthetic on the sensitivity of calf dehorning wounds. <i>Journal of Dairy Science</i> , 2013, 96, 2894-2902.	1.4	31
8	Duration of action of a topical anaesthetic formulation for pain management of mulesing in sheep. <i>Australian Veterinary Journal</i> , 2013, 91, 160-167.	0.5	31
9	Progress in pain management to improve small ruminant farm welfare. <i>Small Ruminant Research</i> , 2016, 142, 55-57.	0.6	24
10	Intelligent Perception-Based Cattle Lameness Detection and Behaviour Recognition: A Review. <i>Animals</i> , 2021, 11, 3033.	1.0	23
11	Vocal production in postpartum dairy cows: Temporal organization and association with maternal and stress behaviors. <i>Journal of Dairy Science</i> , 2021, 104, 826-838.	1.4	17
12	Effects of Topical Anaesthetic and Buccal Meloxicam Treatments on Concurrent Castration and Dehorning of Beef Calves. <i>Animals</i> , 2018, 8, 35.	1.0	16
13	Use of local anaesthesia for pain management during husbandry procedures in Australian sheep flocks. <i>Small Ruminant Research</i> , 2009, 86, 56-58.	0.6	15
14	Effect of topical vapocoolant spray on perioperative pain response of unweaned calves to ear tagging and ear notching. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 163-172.	0.3	15
15	Topical anaesthesia reduces sensitivity of castration wounds in neonatal piglets. <i>PLoS ONE</i> , 2017, 12, e0187988.	1.1	15
16	Automated Monitoring of Cattle Heat Stress and Its Mitigation. <i>Frontiers in Animal Science</i> , 2021, 2, .	0.8	15
17	Plasma pharmacokinetic profile and efficacy of meloxicam administered subcutaneously and intramuscularly to sheep. <i>PLoS ONE</i> , 2019, 14, e0215842.	1.1	14
18	Using infrared thermography on farm of origin to predict meat quality and physiological response in cattle ( <i>Bos Taurus</i> ) exposed to transport and marketing. <i>Meat Science</i> , 2020, 169, 108173.	2.7	14

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19	Addressing welfare concerns in control of ovine cutaneous myiasis in sheep in Australia. <i>Small Ruminant Research</i> , 2013, 110, 165-169.	0.6	13
20	Automated aerial animal detection when spatial resolution conditions are varied. <i>Computers and Electronics in Agriculture</i> , 2022, 193, 106689.	3.7	13
21	Evaluating treatments with topical anaesthetic and buccal meloxicam for pain and inflammation caused by amputation dehorning of calves. <i>PLoS ONE</i> , 2018, 13, e0198808.	1.1	12
22	Should Dairy Cattle Be Trained to a Virtual Fence System as Individuals or in Groups?. <i>Animals</i> , 2020, 10, 1767.	1.0	11
23	Electroencephalography Can Distinguish between Pain and Anaesthetic Intervention in Conscious Lambs Undergoing Castration. <i>Animals</i> , 2020, 10, 428.	1.0	9
24	Effect of Lignocaine and a Topical Vapocoolant Spray on Pain Response during Surgical Castration of Beef Calves. <i>Animals</i> , 2019, 9, 126.	1.0	6
25	Context-related variation in the peripartum vocalisations and phonatory behaviours of Holstein-Friesian dairy cows. <i>Applied Animal Behaviour Science</i> , 2020, 231, 105089.	0.8	6
26	Evaluating the efficacy of a topical anaesthetic formulation and ketoprofen, alone and in combination, on the pain sensitivity of dehorning wounds in Holstein-Friesian calves. <i>Animal Production Science</i> , 2016, 56, 1512.	0.6	5
27	Evaluation of Electroencephalography, Behaviour and Eye Temperature in Response to Surgical Castration in Sheep. <i>Animals</i> , 2021, 11, 637.	1.0	5
28	Topical vapocoolant spray reduces nociceptive response to ear notching in neonatal piglets. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 366-373.	0.3	4
29	The Effect of Topical Anaesthesia on the Cortisol Responses of Calves Undergoing Dehorning. <i>Animals</i> , 2020, 10, 312.	1.0	4
30	The Effect of a Restricted Feed Ration on Dairy Cow Response to Containment From Feed Using a Virtual Fence. <i>Frontiers in Animal Science</i> , 2021, 2, .	0.8	4
31	Effect of Topically Applied Anaesthetic Formulation on the Sensitivity of Scoop Dehorning Wounds in Calves. <i>PLoS ONE</i> , 2016, 11, e0163181.	1.1	4
32	One-Shot Learning with Pseudo-Labeling for Cattle Video Segmentation in Smart Livestock Farming. <i>Animals</i> , 2022, 12, 558.	1.0	4
33	Dairy Cattle Response to a Virtual Fence When Pasture on Offer Is Restricted to the Post-grazing Residual. <i>Frontiers in Animal Science</i> , 2021, 2, .	0.8	3