

# Sabrina H Lomax

## 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.

29  
papers

365  
citations

11  
h-index

18  
g-index

34  
ext. papers

530  
ext. citations

2.8  
avg, IF

3.91  
L-index

#	Paper	IF	Citations
29	Automated aerial animal detection when spatial resolution conditions are varied. <i>Computers and Electronics in Agriculture</i> , <b>2022</b> , 193, 106689	6.5	0
28	Automated Monitoring of Cattle Heat Stress and Its Mitigation. <i>Frontiers in Animal Science</i> , <b>2021</b> , 2,		3
27	Intelligent Perception-Based Cattle Lameness Detection and Behaviour Recognition: A Review. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
26	Intelligent perception for cattle monitoring: A review for cattle identification, body condition score evaluation, and weight estimation. <i>Computers and Electronics in Agriculture</i> , <b>2021</b> , 185, 106143	6.5	16
25	Vocal production in postpartum dairy cows: Temporal organization and association with maternal and stress behaviors. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 826-838	4	6
24	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> , <b>2020</b> , 169, 108173	6.4	6
23	Electroencephalography Can Distinguish between Pain and Anaesthetic Intervention in Conscious Lambs Undergoing Castration. <i>Animals</i> , <b>2020</b> , 10,	3.1	3
22	The Effect of Topical Anaesthesia on the Cortisol Responses of Calves Undergoing Dehorning. <i>Animals</i> , <b>2020</b> , 10,	3.1	2
21	Context-related variation in the peripartum vocalisations and phonatory behaviours of Holstein-Friesian dairy cows. <i>Applied Animal Behaviour Science</i> , <b>2020</b> , 231, 105089	2.2	5
20	Should Dairy Cattle Be Trained to a Virtual Fence System as Individuals or in Groups?. <i>Animals</i> , <b>2020</b> , 10,	3.1	3
19	Plasma pharmacokinetic profile and efficacy of meloxicam administered subcutaneously and intramuscularly to sheep. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215842	3.7	7
18	Effect of Lignocaine and a Topical Vapocoolant Spray on Pain Response during Surgical Castration of Beef Calves. <i>Animals</i> , <b>2019</b> , 9,	3.1	2
17	Does Virtual Fencing Work for Grazing Dairy Cattle?. <i>Animals</i> , <b>2019</b> , 9,	3.1	19
16	Individual Cattle Identification Using a Deep Learning Based Framework. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 318-323	0.7	21
15	Topical vapocoolant spray reduces nociceptive response to ear notching in neonatal piglets. <i>Veterinary Anaesthesia and Analgesia</i> , <b>2018</b> , 45, 366-373	1.3	1
14	Effects of Topical Anaesthetic and Buccal Meloxicam Treatments on Concurrent Castration and Dehorning of Beef Calves. <i>Animals</i> , <b>2018</b> , 8,	3.1	12
13	Evaluating treatments with topical anaesthetic and buccal meloxicam for pain and inflammation caused by amputation dehorning of calves. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198808	3.7	7

12	Effect of topical vapocoolant spray on perioperative pain response of unweaned calves to ear tagging and ear notching. <i>Veterinary Anaesthesia and Analgesia</i> , <b>2017</b> , 44, 163-172	1.3	9
11	Topical anaesthesia reduces sensitivity of castration wounds in neonatal piglets. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187988	3.7	6
10	Progress in pain management to improve small ruminant farm welfare. <i>Small Ruminant Research</i> , <b>2016</b> , 142, 55-57	1.7	16
9	Effect of Topically Applied Anaesthetic Formulation on the Sensitivity of Scoop Dehorning Wounds in Calves. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163181	3.7	4
8	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> , <b>2016</b> , 56, 1512	1.4	3
7	The effect of a topical anesthetic on the sensitivity of calf dehorning wounds. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 2894-902	4	27
6	Addressing welfare concerns in control of ovine cutaneous myiasis in sheep in Australia. <i>Small Ruminant Research</i> , <b>2013</b> , 110, 165-169	1.7	10
5	Topical anesthesia mitigates the pain of castration in beef calves. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 4945-52	0.7	39
4	Duration of action of a topical anaesthetic formulation for pain management of mulesing in sheep. <i>Australian Veterinary Journal</i> , <b>2013</b> , 91, 160-7	1.2	24
3	Topical anaesthesia alleviates short-term pain of castration and tail docking in lambs. <i>Australian Veterinary Journal</i> , <b>2010</b> , 88, 67-74	1.2	47
2	Use of local anaesthesia for pain management during husbandry procedures in Australian sheep flocks. <i>Small Ruminant Research</i> , <b>2009</b> , 86, 56-58	1.7	11
1	Impact of topical anaesthesia on pain alleviation and wound healing in lambs after mulesing. <i>Australian Veterinary Journal</i> , <b>2008</b> , 86, 159-68; quiz CE1	1.2	54