

Donald M Broom

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,194
citations

136950

32
h-index

161849

54
g-index

65
all docs

65
docs citations

65
times ranked

2674
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and reproductive correlates of behavioural strategies in female domestic pigs. <i>Animal Behaviour</i> , 1992, 44, 1107-1121.	1.9	224
2	A History of Animal Welfare Science. <i>Acta Biotheoretica</i> , 2011, 59, 121-137.	1.5	206
3	The environmental costs and benefits of high-yield farming. <i>Nature Sustainability</i> , 2018, 1, 477-485.	23.7	193
4	Animal Welfare: An Aspect of Care, Sustainability, and Food Quality Required by the Public. <i>Journal of Veterinary Medical Education</i> , 2010, 37, 83-88.	0.6	159
5	Measuring zoo animal welfare: theory and practice. <i>Zoo Biology</i> , 2009, 28, 531-544.	1.2	149
6	Stress and Animal Welfare. <i>Animal Welfare</i> , 2019, , .	1.0	136
7	Welfare, Stress, and the Evolution of Feelings. <i>Advances in the Study of Behavior</i> , 1998, , 371-403.	1.6	130
8	Behaviour and welfare in relation to pathology. <i>Applied Animal Behaviour Science</i> , 2006, 97, 73-83.	1.9	128
9	Cognitive ability and sentience: Which aquatic animals should be protected?. <i>Diseases of Aquatic Organisms</i> , 2007, 75, 99-108.	1.0	105
10	Pigs learn what a mirror image represents and use it to obtain information. <i>Animal Behaviour</i> , 2009, 78, 1037-1041.	1.9	95
11	Emotional reactions to learning in cattle. <i>Applied Animal Behaviour Science</i> , 2004, 85, 203-213.	1.9	94
12	Cognitive ability and awareness in domestic animals and decisions about obligations to animals. <i>Applied Animal Behaviour Science</i> , 2010, 126, 1-11.	1.9	87
13	The Effects of Lameness on Social and Individual Behavior of Dairy Cows. <i>Journal of Applied Animal Welfare Science</i> , 2002, 5, 193-201.	1.0	84
14	Human scent matching using specially trained dogs. <i>Animal Behaviour</i> , 1994, 48, 1443-1448.	1.9	80
15	Vocalisations of the adult female domestic pig during a standard human approach test and their relationships with behavioural and heart rate measures. <i>Applied Animal Behaviour Science</i> , 2001, 72, 23-39.	1.9	80
16	The effect of agonistic interactions on the heart rate of group-housed sows. <i>Applied Animal Behaviour Science</i> , 1995, 46, 49-56.	1.9	67
17	Cattle discriminate between individual familiar herd members in a learning experiment. <i>Applied Animal Behaviour Science</i> , 2003, 82, 13-28.	1.9	67
18	Human Relationships with Domestic and Other Animals: One Health, One Welfare, One Biology. <i>Animals</i> , 2020, 10, 43.	2.3	65

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19	Social network analysis of behavioural interactions influencing fin damage development in Atlantic salmon (<i>Salmo salar</i>) during feed-restriction. <i>Applied Animal Behaviour Science</i> , 2010, 127, 139-151.	1.9	62
20	Effect of caustic paste disbudding, using local anaesthesia with and without analgesia, on behaviour and cortisol of calves. <i>Applied Animal Behaviour Science</i> , 2009, 116, 35-44.	1.9	61
21	Conceptual and methodological issues relating to pain assessment in mammals: The development and utilisation of pain facial expression scales. <i>Applied Animal Behaviour Science</i> , 2019, 217, 1-15.	1.9	60
22	Effects of nonsteroidal anti-inflammatory drugs on long-term pain in calves castrated by use of an external clamping technique following epidural anesthesia. <i>American Journal of Veterinary Research</i> , 2008, 69, 744-750.	0.6	52
23	Approaches to Teaching Animal Welfare at 13 Veterinary Schools Worldwide. <i>Journal of Veterinary Medical Education</i> , 2005, 32, 422-437.	0.6	48
24	Increasing the piglets' use of the creep area – A battle against biology?. <i>Applied Animal Behaviour Science</i> , 2010, 125, 96-102.	1.9	47
25	Animal Welfare Education: Development and Prospects. <i>Journal of Veterinary Medical Education</i> , 2005, 32, 438-441.	0.6	44
26	The evolution of morality. <i>Applied Animal Behaviour Science</i> , 2006, 100, 20-28.	1.9	43
27	Piglet mortality: The impact of induction of farrowing using prostaglandins and oxytocin. <i>Animal Reproduction Science</i> , 2013, 138, 14-24.	1.5	43
28	Optimal marine mammal welfare under human care: Current efforts and future directions. <i>Behavioural Processes</i> , 2018, 156, 16-36.	1.1	42
29	The effects of housing on heart rate of gestating sows during specific behaviours. <i>Applied Animal Behaviour Science</i> , 1997, 55, 67-78.	1.9	40
30	Post COVID-19: a solution scan of options for preventing future zoonotic epidemics. <i>Biological Reviews</i> , 2021, 96, 2694-2715.	10.4	40
31	Welfare Assessment and Relevant Ethical Decisions: Key Concepts. <i>Annual Review of Biomedical Sciences</i> , 2008, 10, .	0.5	37
32	The environmental costs and benefits of high-yield farming. <i>Nature Sustainability</i> , 2018, 1, 477-485.	23.7	36
33	The use of trained dogs to discriminate human scent. <i>Animal Behaviour</i> , 1993, 46, 189-190.	1.9	33
34	Animal welfare complementing or conflicting with other sustainability issues. <i>Applied Animal Behaviour Science</i> , 2019, 219, 104829.	1.9	33
35	Consistency of side choice in the milking parlour by Holstein-Friesian cows and its relationship with their reactivity and milk yield. <i>Applied Animal Behaviour Science</i> , 2001, 70, 177-186.	1.9	32
36	Maternal social status and birth sex ratio in domestic pigs: an analysis of mechanisms. <i>Animal Behaviour</i> , 1995, 50, 1361-1370.	1.9	28

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37	Chicken welfare as indicated by lesions on carcasses in supermarkets. <i>British Poultry Science</i> , 2005, 46, 407-414.	1.7	28
38	Land and Water Usage in Beef Production Systems. <i>Animals</i> , 2019, 9, 286.	2.3	25
39	A method for assessing sustainability, with beef production as an example. <i>Biological Reviews</i> , 2021, 96, 1836-1853.	10.4	25
40	A note on the effect of gestation housing environment on approach test measures in gilts. <i>Applied Animal Behaviour Science</i> , 2003, 80, 287-296.	1.9	19
41	Analysis of human sweat volatiles: An example of pattern recognition in the analysis and interpretation of gas chromatograms. <i>Pest Management Science</i> , 1994, 41, 365-368.	0.4	18
42	The Sustainability of Keeping Birds as Pets: Should Any Be Kept?. <i>Animals</i> , 2021, 11, 582.	2.3	17
43	Visual discrimination learning and spatial acuity in sheep. <i>Applied Animal Behaviour Science</i> , 2013, 147, 104-111.	1.9	15
44	Adaptation. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2006, 119, 1-6.	0.7	12
45	Abnormal behavior and the self-regulation of motivational state. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 29, 1-3.	1.2	11
46	When a Duck Initiates Movement, Do Others Follow? Testing Preference in Groups. <i>Ethology</i> , 2014, 120, 1199-1206.	1.1	8
47	New research relevant to companion animal welfare. <i>Companion Animal</i> , 2015, 20, 548-551.	0.2	7
48	Hemato-biochemical profile of meat cattle submitted to different types of pre-loading handling and transport times. <i>International Journal of Veterinary Science and Medicine</i> , 2018, 6, 90-96.	2.2	7
49	Multiple mechanisms may affect birth sex ratio in domestic pigs. <i>Animal Behaviour</i> , 1998, 55, 773-776.	1.9	6
50	International Animal Welfare Perspectives, Including Whaling and Inhumane Seal Killing as a W.T.O. Public Morality Issue. <i>Ius Gentium</i> , 2016, , 45-61.	0.2	4
51	Farm animal welfare: A key component of the sustainability of farming systems. <i>Veterinarski Glasnik</i> , 2021, 75, 145-151.	0.3	4
52	Assessing Welfare: Long-Term Responses. <i>Animal Welfare</i> , 2019, , 131-172.	1.0	3
53	One Welfare, One Health, One Stress: Humans and Other Animals. <i>Animal Welfare</i> , 2019, , 1-13.	1.0	3
54	Assessing Welfare: Short-Term Responses. <i>Animal Welfare</i> , 2019, , 99-130.	1.0	2

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55	The necessity of human attitude change and methods of avoiding pandemics. <i>Animal Sentience</i> , 2020, 5, .	0.5	2
56	Response to: Responses of larval zebrafish to low pH immersion assay.ÂComment on Lopez-Luna et al.. <i>Journal of Experimental Biology</i> , 2017, 220, 3192-3194.	1.7	1
57	Concepts and Interrelationships of Awareness, Consciousness, Sentience, and Welfare. <i>Journal of Consciousness Studies</i> , 2022, 29, 129-149.	0.7	1
58	Ethics: Considering World Issues. <i>Animal Welfare</i> , 2019, , 193-210.	1.0	0
59	Adaptation, Regulation, Sentience and Brain Control. <i>Animal Welfare</i> , 2019, , 15-48.	1.0	0