

# Donald M Broom

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,194  
citations

136740

32  
h-index

161609

54  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2674  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concepts and Interrelationships of Awareness, Consciousness, Sentience, and Welfare. <i>Journal of Consciousness Studies</i> , 2022, 29, 129-149.	0.4	1
2	Farm animal welfare: A key component of the sustainability of farming systems. <i>Veterinarski Glasnik</i> , 2021, 75, 145-151.	0.1	4
3	The Sustainability of Keeping Birds as Pets: Should Any Be Kept?. <i>Animals</i> , 2021, 11, 582.	1.0	17
4	A method for assessing sustainability, with beef production as an example. <i>Biological Reviews</i> , 2021, 96, 1836-1853.	4.7	25
5	Post COVID-19: a solution scan of options for preventing future zoonotic epidemics. <i>Biological Reviews</i> , 2021, 96, 2694-2715.	4.7	40
6	Human Relationships with Domestic and Other Animals: One Health, One Welfare, One Biology. <i>Animals</i> , 2020, 10, 43.	1.0	65
7	The necessity of human attitude change and methods of avoiding pandemics. <i>Animal Sentience</i> , 2020, 5, .	0.3	2
8	Animal welfare complementing or conflicting with other sustainability issues. <i>Applied Animal Behaviour Science</i> , 2019, 219, 104829.	0.8	33
9	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.	0.8	60
10	Land and Water Usage in Beef Production Systems. <i>Animals</i> , 2019, 9, 286.	1.0	25
11	Stress and Animal Welfare. <i>Animal Welfare</i> , 2019, , .	1.0	136
12	Abnormal behavior and the self-regulation of motivational state. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 29, 1-3.	0.5	11
13	Assessing Welfare: Short-Term Responses. <i>Animal Welfare</i> , 2019, , 99-130.	1.0	2
14	Assessing Welfare: Long-Term Responses. <i>Animal Welfare</i> , 2019, , 131-172.	1.0	3
15	Ethics: Considering World Issues. <i>Animal Welfare</i> , 2019, , 193-210.	1.0	0
16	Adaptation, Regulation, Sentience and Brain Control. <i>Animal Welfare</i> , 2019, , 15-48.	1.0	0
17	One Welfare, One Health, One Stress: Humans and Other Animals. <i>Animal Welfare</i> , 2019, , 1-13.	1.0	3
18	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.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Optimal marine mammal welfare under human care: Current efforts and future directions. <i>Behavioural Processes</i> , 2018, 156, 16-36.	0.5	42
20	The environmental costs and benefits of high-yield farming. <i>Nature Sustainability</i> , 2018, 1, 477-485.	11.5	193
21	The environmental costs and benefits of high-yield farming. <i>Nature Sustainability</i> , 2018, 1, 477-485.	11.5	36
22	Response to: Responses of larval zebrafish to low pH immersion assay. Comment on Lopez-Luna et al.. <i>Journal of Experimental Biology</i> , 2017, 220, 3192-3194.	0.8	1
23	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.	0.1	4
24	New research relevant to companion animal welfare. <i>Companion Animal</i> , 2015, 20, 548-551.	0.0	7
25	When a Duck Initiates Movement, Do Others Follow? Testing Preference in Groups. <i>Ethology</i> , 2014, 120, 1199-1206.	0.5	8
26	Piglet mortality: The impact of induction of farrowing using prostaglandins and oxytocin. <i>Animal Reproduction Science</i> , 2013, 138, 14-24.	0.5	43
27	Visual discrimination learning and spatial acuity in sheep. <i>Applied Animal Behaviour Science</i> , 2013, 147, 104-111.	0.8	15
28	A History of Animal Welfare Science. <i>Acta Biotheoretica</i> , 2011, 59, 121-137.	0.7	206
29	Increasing the piglets' use of the creep area – A battle against biology?. <i>Applied Animal Behaviour Science</i> , 2010, 125, 96-102.	0.8	47
30	Cognitive ability and awareness in domestic animals and decisions about obligations to animals. <i>Applied Animal Behaviour Science</i> , 2010, 126, 1-11.	0.8	87
31	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.	0.8	62
32	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.	0.4	159
33	Pigs learn what a mirror image represents and use it to obtain information. <i>Animal Behaviour</i> , 2009, 78, 1037-1041.	0.8	95
34	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.	0.8	61
35	Measuring zoo animal welfare: theory and practice. <i>Zoo Biology</i> , 2009, 28, 531-544.	0.5	149
36	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.	0.3	52

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37	&lt;b>Welfare Assessment and Relevant Ethical Decisions: Key Concepts&lt;/b>. Annual Review of Biomedical Sciences, 2008, 10, .	0.5	37
38	Cognitive ability and sentience: Which aquatic animals should be protected?. Diseases of Aquatic Organisms, 2007, 75, 99-108.	0.5	105
39	Behaviour and welfare in relation to pathology. Applied Animal Behaviour Science, 2006, 97, 73-83.	0.8	128
40	The evolution of morality. Applied Animal Behaviour Science, 2006, 100, 20-28.	0.8	43
41	Adaptation. Berliner Und Munchener Tierarztliche Wochenschrift, 2006, 119, 1-6.	0.7	12
42	Approaches to Teaching Animal Welfare at 13 Veterinary Schools Worldwide. Journal of Veterinary Medical Education, 2005, 32, 422-437.	0.4	48
43	Animal Welfare Education: Development and Prospects. Journal of Veterinary Medical Education, 2005, 32, 438-441.	0.4	44
44	Chicken welfare as indicated by lesions on carcasses in supermarkets. British Poultry Science, 2005, 46, 407-414.	0.8	28
45	Emotional reactions to learning in cattle. Applied Animal Behaviour Science, 2004, 85, 203-213.	0.8	94
46	A note on the effect of gestation housing environment on approach test measures in gilts. Applied Animal Behaviour Science, 2003, 80, 287-296.	0.8	19
47	Cattle discriminate between individual familiar herd members in a learning experiment. Applied Animal Behaviour Science, 2003, 82, 13-28.	0.8	67
48	The Effects of Lameness on Social and Individual Behavior of Dairy Cows. Journal of Applied Animal Welfare Science, 2002, 5, 193-201.	0.4	84
49	Consistency of side choice in the milking parlour by Holstein&quot;Friesian cows and its relationship with their reactivity and milk yield. Applied Animal Behaviour Science, 2001, 70, 177-186.	0.8	32
50	Vocalisations of the adult female domestic pig during a standard human approach test and their relationships with behavioural and heart rate measures. Applied Animal Behaviour Science, 2001, 72, 23-39.	0.8	80
51	Multiple mechanisms may affect birth sex ratio in domestic pigs. Animal Behaviour, 1998, 55, 773-776.	0.8	6
52	Welfare, Stress, and the Evolution of Feelings. Advances in the Study of Behavior, 1998, , 371-403.	1.0	130
53	The effects of housing on heart rate of gestating sows during specific behaviours. Applied Animal Behaviour Science, 1997, 55, 67-78.	0.8	40
54	The effect of agonistic interactions on the heart rate of group-housed sows. Applied Animal Behaviour Science, 1995, 46, 49-56.	0.8	67

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55	Maternal social status and birth sex ratio in domestic pigs: an analysis of mechanisms. <i>Animal Behaviour</i> , 1995, 50, 1361-1370.	0.8	28
56	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.	0.7	18
57	Human scent matching using specially trained dogs. <i>Animal Behaviour</i> , 1994, 48, 1443-1448.	0.8	80
58	The use of trained dogs to discriminate human scent. <i>Animal Behaviour</i> , 1993, 46, 189-190.	0.8	33
59	Physiological and reproductive correlates of behavioural strategies in female domestic pigs. <i>Animal Behaviour</i> , 1992, 44, 1107-1121.	0.8	224