

H J Blokhuis

List of Publications by Citations

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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.

111
papers

7,113
citations

46
h-index

83
g-index

114
ext. papers

7,975
ext. citations

2.7
avg, IF

5.42
L-index

#	Paper	IF	Citations
111	Coping styles in animals: current status in behavior and stress-physiology. <i>Neuroscience and Biobehavioral Reviews</i> , 1999 , 23, 925-35	9	1964
110	Housing familiar male wildtype rats together reduces the long-term adverse behavioural and physiological effects of social defeat. <i>Psychoneuroendocrinology</i> , 1999 , 24, 285-300	5	225
109	Heart rate and heart rate variability during a novel object test and a handling test in young horses. <i>Physiology and Behavior</i> , 2002 , 76, 289-96	3.5	224
108	Effects of environmental enrichment on behavioral responses to novelty, learning, and memory, and the circadian rhythm in cortisol in growing pigs. <i>Physiology and Behavior</i> , 2000 , 68, 571-8	3.5	180
107	Feather-pecking in poultry: Its relation with ground-pecking. <i>Applied Animal Behaviour Science</i> , 1986 , 16, 63-67	2.2	177
106	Quantifying aspects of young horses temperament: consistency of behavioural variables. <i>Applied Animal Behaviour Science</i> , 2001 , 74, 241-258	2.2	158
105	Personalities in female domesticated pigs: behavioural and physiological indications. <i>Applied Animal Behaviour Science</i> , 2000 , 66, 31-47	2.2	153
104	Plasma catecholamine and corticosterone levels during manual restraint in chicks from a high and low feather pecking line of laying hens. <i>Physiology and Behavior</i> , 1997 , 62, 437-41	3.5	151
103	The circadian rhythm of salivary cortisol in growing pigs: effects of age, gender, and stress. <i>Physiology and Behavior</i> , 1997 , 62, 623-30	3.5	150
102	Effects of strawbedding on physiological responses to stressors and behavior in growing pigs. <i>Physiology and Behavior</i> , 1998 , 64, 303-10	3.5	115
101	Some observations on the development of feather-pecking in poultry. <i>Applied Animal Behaviour Science</i> , 1984 , 12, 145-157	2.2	115
100	Responses of calves to acute stress: individual consistency and relations between behavioral and physiological measures. <i>Physiology and Behavior</i> , 2005 , 85, 557-70	3.5	113
99	Adaptation to social isolation. Acute and long-term stress responses of growing gilts with different coping characteristics. <i>Physiology and Behavior</i> , 2001 , 73, 541-51	3.5	106
98	Open-field and tonic immobility responses in domestic chicks of two genetic lines differing in their propensity to feather peck. <i>British Poultry Science</i> , 1995 , 36, 525-30	1.9	99
97	Effects of restricted feeding on physiological stress parameters in growing broiler breeders. <i>British Poultry Science</i> , 2002 , 43, 157-68	1.9	96
96	Adrenocortical reactivity and central serotonin and dopamine turnover in young chicks from a high and low feather-pecking line of laying hens. <i>Physiology and Behavior</i> , 2002 , 75, 653-9	3.5	94
95	Tonic immobility and heterophil/lymphocyte responses of the domestic fowl to corticosterone infusion. <i>Physiology and Behavior</i> , 1988 , 42, 249-53	3.5	94

94	The LayWel project: welfare implications of changes in production systems for laying hens. <i>World's Poultry Science Journal</i> , 2007 , 63, 101-114	3	92
93	Validation of a heart-rate monitor for measuring a stress response in dairy cows. <i>Canadian Journal of Animal Science</i> , 1994 , 74, 465-474	0.9	88
92	The Welfare Quality [®] project and beyond: Safeguarding farm animal well-being. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2010 , 60, 129-140	0.6	82
91	Heart rate variability during manual restraint in chicks from high- and low-feather pecking lines of laying hens. <i>Physiology and Behavior</i> , 1999 , 65, 649-52	3.5	81
90	Sleep in the domestic hen (<i>Gallus domesticus</i>). <i>Physiology and Behavior</i> , 1987 , 41, 409-14	3.5	75
89	Rest in poultry. <i>Applied Animal Behaviour Science</i> , 1984 , 12, 289-303	2.2	75
88	Adrenocortical and heterophil/lymphocyte responses to challenge in hens showing short or long tonic immobility reactions. <i>British Poultry Science</i> , 1989 , 30, 175-84	1.9	74
87	Behavioural reactivity of heifer calves in potentially alarming test situations: a multivariate and correlational analysis. <i>Applied Animal Behaviour Science</i> , 2004 , 85, 11-30	2.2	70
86	Behavioural and physiological consequences of acute social defeat in growing gilts: effects of the social environment. <i>Applied Animal Behaviour Science</i> , 2001 , 70, 201-225	2.2	69
85	Effects of pecking incentives during rearing on feather pecking of laying hens. <i>British Poultry Science</i> , 1992 , 33, 17-24	1.9	68
84	Parameters for quantification of hunger in broiler breeders. <i>Physiology and Behavior</i> , 2003 , 78, 773-83	3.5	67
83	Feather pecking in laying hens: new insights and directions for research?. <i>Applied Animal Behaviour Science</i> , 2004 , 86, 291-298	2.2	63
82	Potential risk factors associated with contact dermatitis, lameness, negative emotional state, and fear of humans in broiler chicken flocks. <i>Poultry Science</i> , 2013 , 92, 2811-26	3.9	61
81	Studies of feather pecking in poultry. <i>Veterinary Quarterly</i> , 1998 , 20, 6-9	8	61
80	Equine stereotypic behaviors: Causation, occurrence, and prevention. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2013 , 8, 386-394	1.9	59
79	Effects of regular moving and handling on the behavioral and physiological responses of pigs to preslaughter treatment and consequences for subsequent meat quality. <i>Journal of Animal Science</i> , 1998 , 76, 2080-5	0.7	59
78	Acute effects of cow-calf separation on heart rate, plasma cortisol and behaviour in multiparous dairy cows. <i>Applied Animal Behaviour Science</i> , 1995 , 44, 1-8	2.2	58
77	Responses of horses in behavioural tests correlate with temperament assessed by riders. <i>Equine Veterinary Journal</i> , 2003 , 35, 176-83	2.4	56

76	Responses of slaughter pigs to transport and lairage sounds. <i>Physiology and Behavior</i> , 1998 , 63, 667-73	3.5	53
75	Animal welfare's impact on the food chain. <i>Trends in Food Science and Technology</i> , 2008 , 19, S79-S87	15.3	51
74	Individual differences in behavioral and physiological responsiveness of primiparous dairy cows to machine milking. <i>Journal of Dairy Science</i> , 2002 , 85, 2551-61	4	51
73	Effects of repeated jugular puncture on plasma cortisol concentrations in loose-housed dairy cows. <i>Journal of Animal Science</i> , 1999 , 77, 708-14	0.7	51
72	Does horse temperament influence horse-rider cooperation?. <i>Journal of Applied Animal Welfare Science</i> , 2008 , 11, 267-84	1.6	50
71	Reduction in feather pecking and improvement of feather condition with the presentation of a string device to chickens. <i>Applied Animal Behaviour Science</i> , 2005 , 93, 67-80	2.2	50
70	Determination of the circadian rhythm in plasma corticosterone and catecholamine concentrations in growing broiler breeders using intravenous cannulation. <i>Physiology and Behavior</i> , 2001 , 74, 299-304	3.5	50
69	The effect of a sudden change in floor type on pecking behaviour in chicks. <i>Applied Animal Behaviour Science</i> , 1989 , 22, 65-73	2.2	49
68	Do low-density diets improve broiler breeder welfare during rearing and laying?. <i>Poultry Science</i> , 2005 , 84, 194-203	3.9	47
67	The association between performance in show-jumping and personality traits earlier in life. <i>Applied Animal Behaviour Science</i> , 2003 , 82, 279-295	2.2	47
66	Implications of coping characteristics and social status for welfare and production of paired growing gilts. <i>Applied Animal Behaviour Science</i> , 2002 , 75, 207-231	2.2	46
65	Towards Farm Animal Welfare and Sustainability. <i>Animals</i> , 2018 , 8,	3.1	44
64	Learning performances in young horses using two different learning tests. <i>Applied Animal Behaviour Science</i> , 2003 , 80, 311-326	2.2	43
63	The development of feather pecking behaviour and targeting of pecking in chicks from a high and low feather pecking line of laying hens. <i>Applied Animal Behaviour Science</i> , 2002 , 77, 183-196	2.2	40
62	International cooperation in animal welfare: the Welfare Quality [®] project. <i>Acta Veterinaria Scandinavica</i> , 2008 , 50,	2	39
61	The risks associated with tail biting in pigs and possible means to reduce the need for tail docking considering the different housing and husbandry systems - Scientific Opinion of the Panel on Animal Health and Welfare. <i>EFSA Journal</i> , 2007 , 5, 611	2.3	39
60	Best practice framework for animal welfare certification schemes. <i>Trends in Food Science and Technology</i> , 2014 , 37, 127-136	15.3	38
59	Side preference of dairy cows in the milking parlour and its effects on behaviour and heart rate during milking. <i>Applied Animal Behaviour Science</i> , 1998 , 55, 213-229	2.2	38

58	Decision support system with semantic model to assess the risk of tail biting in pigs. <i>Applied Animal Behaviour Science</i> , 2004 , 87, 31-44	2.2	38
57	Transgenesis may affect farm animal welfare: a case for systematic risk assessment. <i>Journal of Animal Science</i> , 2001 , 79, 1763-79	0.7	38
56	The Relevance of Sleep in Poultry. <i>Worlds Poultry Science Journal</i> , 1983 , 39, 33-37	3	38
55	Effect of scattered feeding and feeding twice a day during rearing on indicators of hunger and frustration in broiler breeders. <i>Applied Animal Behaviour Science</i> , 2005 , 92, 61-76	2.2	34
54	Influence of housing conditions on responses of pigs to preslaughter treatment and consequences for meat quality. <i>Canadian Journal of Animal Science</i> , 1999 , 79, 285-291	0.9	33
53	Effects of beak trimming and floor type on feed consumption and body weight of pullets during rearing. <i>Poultry Science</i> , 1987 , 66, 623-5	3.9	32
52	Effects of rearing conditions on behavioural and physiological responses of pigs to preslaughter handling and mixing at transport. <i>Canadian Journal of Animal Science</i> , 2000 , 80, 451-458	0.9	31
51	Stress enhanced reduction in peripheral blood lymphocyte numbers in dairy cows during endotoxin-induced mastitis. <i>Veterinary Immunology and Immunopathology</i> , 1998 , 66, 83-97	2	30
50	Egg-laying behaviour and nest-site selection of domestic hens kept in small floor-pens. <i>Applied Animal Behaviour Science</i> , 1985 , 14, 75-88	2.2	30
49	Animal Welfare and the United Nations Sustainable Development Goals. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 336	3.1	30
48	Effects of social stress on heart rate and heart rate variability in growing pigs. <i>Canadian Journal of Animal Science</i> , 2000 , 80, 273-280	0.9	28
47	High carbon dioxide tension (PCO ₂) and the incidence of cardiac arrhythmias in rapidly growing broiler chickens. <i>Veterinary Record</i> , 1999 , 145, 40-3	0.9	28
46	Lameness assessment with automatic monitoring of activity in commercial broiler flocks. <i>Poultry Science</i> , 2017 , 96, 2013-2017	3.9	23
45	Studies of stress in farm animals. <i>Comparative Haematology International</i> , 1998 , 8, 94-101		22
44	Short communication: effects of isolation stress on mammary tight junctions in lactating dairy cows. <i>Journal of Dairy Science</i> , 2000 , 83, 48-51	4	22
43	Animal Welfare Management in a Digital World. <i>Animals</i> , 2020 , 10,	3.1	21
42	Behavioural and physiological responses of heifer calves to acute stressors: Long-term consistency and relationship with adult reactivity to milking. <i>Applied Animal Behaviour Science</i> , 2013 , 147, 55-68	2.2	18
41	The benzodiazepine brotizolam reduces fear in calves exposed to a novel object test. <i>Physiology and Behavior</i> , 2009 , 96, 307-14	3.5	17

40	Recent developments in European and international welfare regulations. <i>World's Poultry Science Journal</i> , 2004 , 60, 469-477	3	16
39	Social isolation may influence responsiveness to infection with bovine herpesvirus 1 in veal calves. <i>Veterinary Microbiology</i> , 2000 , 75, 135-43	3.3	16
38	Investigating welfare of dairy calves involved in genetic modification: problems and perspectives. <i>Livestock Science</i> , 1993 , 36, 81-90		16
37	Matanza de animales por motivos sanitarios. <i>OIE Revue Scientifique Et Technique</i> , 2005 , 24, 711-722	2.5	16
36	Disrupting motivational sequences in chicks: Are there affective consequences?. <i>Applied Animal Behaviour Science</i> , 2013 , 148, 85-92	2.2	15
35	Effect of novelty and restraint on catecholamines in plasma of laying hens. <i>British Poultry Science</i> , 1997 , 38, 297-300	1.9	15
34	Decision support system with semantic model to assess the risk of tail biting in pigs: 2. Validation. <i>Applied Animal Behaviour Science</i> , 2004 , 87, 45-54	2.2	15
33	Farm animal welfare research in interaction with society. <i>Veterinary Quarterly</i> , 2000 , 22, 217-22	8	14
32	Effects of intermittent lighting on sleep and activity in the domestic hen. <i>Applied Animal Behaviour Science</i> , 1988 , 20, 309-318	2.2	14
31	The effect of shot biopsy on behavior, salivary cortisol, and heart rate in slaughter pigs. <i>Journal of Animal Science</i> , 1999 , 77, 1614-9	0.7	13
30	Technical note: Validation and comparison of 2 commercially available activity loggers. <i>Journal of Dairy Science</i> , 2018 , 101, 5449-5453	4	12
29	Mixing induces long-term hyperthermia in growing pigs. <i>Animal Science</i> , 1999 , 69, 601-605		12
28	Exploring the economic potential of reducing broiler lameness. <i>British Poultry Science</i> , 2017 , 58, 337-347	1.9	10
27	Control and eradication of Classic Swine Fever in wild boar. <i>EFSA Journal</i> , 2009 , 7, 932	2.3	10
26	Developing a horse welfare assessment protocol. <i>Animal Welfare</i> , 2017 , 26, 59-65	2.9	9
25	Changes in farming and in stakeholder concern for animal welfare 2013 , 19-47		8
24	Scientific opinion on welfare of dairy cows in relation to behaviour, fear and pain based on a risk assessment with special reference to the impact of housing, feeding, management and genetic selection. <i>EFSA Journal</i> , 2009 , 7, 1139	2.3	7
23	Project to develop Animal Welfare Risk Assessment Guidelines on Stunning and Killing. <i>EFSA Supporting Publications</i> , 2009 , 6, 11E	1.1	7

22	The Welfare Quality [®] vision 2013 , 71-89		7
21	A comparative study of the application of two horse welfare assessment protocols. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2016 , 66, 56-65	0.6	6
20	Let me sleep! Welfare of broilers (<i>Gallus gallus domesticus</i>) with disrupted resting behaviour. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2017 , 67, 123-133	0.6	6
19	Porcine brucellosis (<i>Brucella suis</i>). <i>EFSA Journal</i> , 2009 , 7, 1144	2.3	6
18	Animal welfare aspects of husbandry systems for farmed Atlantic salmon - Scientific Opinion of the Panel on Animal Health and Welfare. <i>EFSA Journal</i> , 2008 , 6, 736	2.3	6
17	HENNOVATION: Learnings from Promoting Practice-Led Multi-Actor Innovation Networks to Address Complex Animal Welfare Challenges within the Laying Hen Industry. <i>Animals</i> , 2019 , 9,	3.1	6
16	Animal welfare aspects of husbandry systems for farmed common carp. <i>EFSA Journal</i> , 2008 , 6, 843	2.3	3
15	Opinion of the Scientific Panel on Animal Health and Welfare (AHAW) regarding the assessment of the risk of Echinococcosis introduction into the UK, Ireland, Sweden, Malta and Finland as a consequence of abandoning national rules. <i>EFSA Journal</i> , 2007 , 5, 441	2.3	3
14	Intensive production units and welfare: domestic fowl. <i>OIE Revue Scientifique Et Technique</i> , 1994 , 13, 67-78	2.5	3
13	Safeguarding farm animal welfare 2019 , 137-153		3
12	Animal Welfare and the United Nations Sustainable Development Goals Broadening Students' Perspectives. <i>Sustainability</i> , 2021 , 13, 3328	3.6	3
11	Use of animal based measures for the assessment of dairy cow welfare ANIBAM. <i>EFSA Supporting Publications</i> , 2014 , 11, 659E	1.1	2
10	Perceived relevance of selected behavioural traits in horses [A survey conducted in Sweden. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2015 , 65, 23-32	0.6	2
9	The Use of Transgenic Animals in the European Union: The Report and Recommendations of ECVAM Workshop 281,2. <i>ATLA Alternatives To Laboratory Animals</i> , 1999 , 27, 21-43	2.1	2
8	Assessing and improving farm animal welfare: the way forward 2013 , 215-222		2
7	Relevance and implementation of Welfare Quality [®] assessment systems 2013 , 201-214		2
6	Modification of the human-Broiler relationship and its potential effects on production. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2016 , 66, 161-167	0.6	2
5	Disturbance of resting behaviour of broilers under different environmental conditions. <i>Applied Animal Behaviour Science</i> , 2021 , 242, 105425	2.2	2

4	Tuberculosis testing in deer - Scientific Opinion of the Panel on Animal Health and Welfare. <i>EFSA Journal</i> , 2008 , 6, 645	2.3	1
3	The effects of feedback from horse welfare assessments. <i>Animal Welfare</i> , 2018 , 27, 125-131	2.9	0
2	Developing a method to investigate motivational sequences in the chick. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2012 , 62, 93-101	0.6	
1	Opinion of the Scientific Panel on Animal Health and Welfare (AHAW) on request from the Commission on bluetongue vectors and vaccines. <i>EFSA Journal</i> , 2007 , 5, 479	2.3	