

# Kenneth M D Rutherford

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,736  
citations

304743

22  
h-index

276875

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1540  
citing authors

#	ARTICLE	IF	CITATIONS
1	The welfare implications of large litter size in the domestic pig I: biological factors. <i>Animal Welfare</i> , 2013, 22, 199-218.	0.7	217
2	The welfare implications of large litter size in the domestic pig II: management factors. <i>Animal Welfare</i> , 2013, 22, 219-238.	0.7	155
3	Qualitative Behavioural Assessment of emotionality in pigs. <i>Applied Animal Behaviour Science</i> , 2012, 139, 218-224.	1.9	120
4	Lameness prevalence and risk factors in organic and non-organic dairy herds in the United Kingdom. <i>Veterinary Journal</i> , 2009, 180, 95-105.	1.7	111
5	A Review of Pain Assessment in Pigs. <i>Frontiers in Veterinary Science</i> , 2016, 3, 108.	2.2	86
6	Hock Injury Prevalence and Associated Risk Factors on Organic and Nonorganic Dairy Farms in the United Kingdom. <i>Journal of Dairy Science</i> , 2008, 91, 2265-2274.	3.4	80
7	Epigenetics and developmental programming of welfare and production traits in farm animals. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1443.	0.4	78
8	Why are most EU pigs tail docked? Economic and ethical analysis of four pig housing and management scenarios in the light of EU legislation and animal welfare outcomes. <i>Animal</i> , 2016, 10, 687-699.	3.3	69
9	Prenatal stress produces anxiety prone female offspring and impaired maternal behaviour in the domestic pig. <i>Physiology and Behavior</i> , 2014, 129, 255-264.	2.1	54
10	Emotionality in growing pigs: Is the open field a valid test?. <i>Physiology and Behavior</i> , 2011, 104, 906-913.	2.1	52
11	The responses of growing pigs to a chronic-intermittent stress treatment. <i>Physiology and Behavior</i> , 2006, 89, 670-680.	2.1	48
12	Early experiences matter: a review of the effects of prenatal environment on offspring characteristics in poultry. <i>Poultry Science</i> , 2016, 95, 489-499.	3.4	47
13	The effect of lameness prevalence on technical efficiency at the dairy farm level: An adjusted data envelopment analysis approach. <i>Journal of Dairy Science</i> , 2011, 94, 5449-5457.	3.4	44
14	Pre-natal stress amplifies the immediate behavioural responses to acute pain in piglets. <i>Biology Letters</i> , 2009, 5, 452-454.	2.3	43
15	Detrended fluctuation analysis of behavioural responses to mild acute stressors in domestic hens. <i>Applied Animal Behaviour Science</i> , 2003, 83, 125-139.	1.9	41
16	Attitudes of farmers and veterinarians towards pain and the use of pain relief in pigs. <i>Veterinary Journal</i> , 2014, 202, 622-627.	1.7	41
17	The impact of prenatal stress on basal nociception and evoked responses to tail-docking and inflammatory challenge in juvenile pigs. <i>Physiology and Behavior</i> , 2011, 104, 728-737.	2.1	39
18	BOARD INVITED REVIEW: The importance of the gestation period for welfare of calves: Maternal stressors and difficult births <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 5021-5034.	0.5	39

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19	Pain management in the neonatal piglet during routine management procedures. Part 2: Grading the quality of evidence and the strength of recommendations. <i>Animal Health Research Reviews</i> , 2014, 15, 39-62.	3.1	35
20	Farm animal welfare: assessing risks attributable to the prenatal environment. <i>Animal Welfare</i> , 2012, 21, 419-429.	0.7	33
21	The effect of organic status and management practices on somatic cell counts on UK dairy farms. <i>Journal of Dairy Science</i> , 2009, 92, 3775-3780.	3.4	24
22	A comparison of management practices, farmer-perceived disease incidence and winter housing on organic and non-organic dairy farms in the UK. <i>Journal of Dairy Research</i> , 2009, 76, 6-14.	1.4	23
23	Development of a mechanical stimulator and force measurement system for the assessment of nociceptive thresholds in pigs. <i>Journal of Neuroscience Methods</i> , 2009, 182, 64-70.	2.5	23
24	Comparing microbiotas in the upper aerodigestive and lower respiratory tracts of lambs. <i>Microbiome</i> , 2017, 5, 145.	11.1	23
25	Survey of dry cow management on UK commercial dairy farms. <i>Veterinary Record</i> , 2018, 183, 297-297.	0.3	22
26	The importance of the gestation period for welfare of lambs: maternal stressors and lamb vigour and wellbeing. <i>Journal of Agricultural Science</i> , 2015, 153, 497-519.	1.3	21
27	Periparturient Behavior and Physiology: Further Insight Into the Farrowing Process for Primiparous and Multiparous Sows. <i>Frontiers in Veterinary Science</i> , 2018, 5, 122.	2.2	21
28	Comparison of time-based frequencies, fractal analysis and T-patterns for assessing behavioural changes in broiler breeders fed on two diets at two levels of feed restriction: A case study. <i>Applied Animal Behaviour Science</i> , 2007, 104, 37-48.	1.9	20
29	Pre-natal social stress and post-natal pain affect the developing pig reproductive axis. <i>Reproduction</i> , 2011, 142, 907-914.	2.6	19
30	The identification of potential behavioural indicators of pain in periparturient sows. <i>Research in Veterinary Science</i> , 2016, 109, 114-120.	1.9	17
31	Effects of obstructed take-off and landing perches on the flight accuracy of laying hens. <i>Applied Animal Behaviour Science</i> , 2005, 93, 81-95.	1.9	13
32	The effect of post-farrowing ketoprofen on sow feed intake, nursing behaviour and piglet performance. <i>Livestock Science</i> , 2017, 202, 115-123.	1.6	13
33	Behavioral and physiological responses of primiparous sows to mixing with older, unfamiliar sows <sup>12</sup> . <i>Journal of Animal Science</i> , 2014, 92, 1647-1655.	0.5	12
34	Towards Facial Expression Recognition for On-Farm Welfare Assessment in Pigs. <i>Agriculture (Switzerland)</i> , 2021, 11, 847.	3.1	10
35	Behavior of cows during and after peak feeding time on organic and conventional dairy farms in the United Kingdom. <i>Journal of Dairy Science</i> , 2011, 94, 746-753.	3.4	9
36	A survey of sow management at farrowing in the UK. <i>Animal Welfare</i> , 2016, 25, 309-317.	0.7	8

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37	Visual fixation of a landing perch by chickens. <i>Experimental Brain Research</i> , 2005, 162, 165-171.	1.5	6
38	Organic dairy cow management and indicators of energy balance. <i>Veterinary Record</i> , 2009, 165, 147-148.	0.3	5
39	Review: Assessment of completeness of reporting in intervention studies using livestock: an example from pain mitigation interventions in neonatal piglets. <i>Animal</i> , 2016, 10, 660-670.	3.3	5
40	Impact of maternal stress and nutrition on behavioural and physiological outcomes in young lambs. <i>Animal Welfare</i> , 2017, 26, 403-415.	0.7	5
41	Effects of stocking density during the dry period on dairy cow physiology, metabolism and behaviour. <i>Journal of Dairy Research</i> , 2019, 86, 283-290.	1.4	4
42	Impact of Maternal High Stocking Density during the Dry Period on Dairy Calf Health, Behaviour, and Welfare. <i>Animals</i> , 2020, 10, 922.	2.3	1
43	408 Bentley Abstract: Pain management in livestock: understanding the views of producers and veterinarians. <i>Journal of Animal Science</i> , 2017, 95, 198-198.	0.5	0