

Nicholas Jonsson

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.

106
papers

2,750
citations

32
h-index

48
g-index

107
ext. papers

3,189
ext. citations

2.9
avg, IF

5.14
L-index

#	Paper	IF	Citations
106	The heritability of fecal egg counts.. <i>Parasitology</i> , 2022 , 1-7	2.7	0
105	Liver fluke in beef cattle - Impact on production efficiency and associated greenhouse gas emissions estimated using causal inference methods.. <i>Preventive Veterinary Medicine</i> , 2022 , 200, 105579 ^{3,1}	3.1	0
104	Light microscopic observations of the ruminal papillae of cattle on diets with divergent forage to cereal ratios.. <i>Animal</i> , 2022 , 16, 100462	3.1	
103	Technical report: In-gel sample preparation prior to proteomic analysis of bovine faeces increases protein identifications by removal of high molecular weight glycoproteins.. <i>Journal of Proteomics</i> , 2022 , 261, 104573	3.9	1
102	Effects of ammonia-treated maize on growth performance of beef cattle. <i>Animal Feed Science and Technology</i> , 2022 , 115350	3	
101	World Association for the Advancement of Veterinary Parasitology (WAAVP) second edition: Guideline for evaluating the efficacy of parasiticides against ectoparasites of ruminants.. <i>Veterinary Parasitology</i> , 2021 , 302, 109613	2.8	0
100	A novel ammoniation treatment of barley as a strategy to optimize rumen pH, feed degradability and microbial protein synthesis in sheep. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 5541-5549	4.3	2
99	Serum proteomes of Santa Gertrudis cattle before and after infestation with <i>Rhipicephalus australis</i> ticks. <i>Parasite Immunology</i> , 2021 , 43, e12836	2.2	0
98	Allelic Variation in Protein Tyrosine Phosphatase Receptor Type-C in Cattle Influences Erythrocyte, Leukocyte and Humoral Responses to Infestation With the Cattle Tick. <i>Frontiers in Immunology</i> , 2021 , 12, 675979	8.4	1
97	Livestock Management in Red-Billed Chough Feeding Habitat in Great Britain and the Isle of Man. <i>Rangeland Ecology and Management</i> , 2020 , 73, 216-223	2.2	1
96	A genetic and immunological comparison of tick-resistance in beef cattle following artificial infestation with <i>Rhipicephalus</i> ticks. <i>Experimental and Applied Acarology</i> , 2020 , 80, 569-590	2.1	4
95	Contrasting effects of high-starch and high-sugar diets on ruminal function in cattle. <i>Journal of Dairy Research</i> , 2020 , 87, 175-183	1.6	8
94	observations on rumen wall histology and gene expression and ruminal and caecal content of beef cattle fattened on barley-based rations. <i>Animal</i> , 2020 , 14, 1447-1460	3.1	3
93	The Internet of Things enhancing animal welfare and farm operational efficiency. <i>Journal of Dairy Research</i> , 2020 , 87, 20-27	1.6	18
92	Combining molecular and incomplete observational data to inform management of southern white rhinoceros (<i>Ceratotherium simum simum</i>). <i>Conservation Genetics</i> , 2019 , 20, 639-652	2.6	1
91	Identification of the Rumination in Cattle Using Support Vector Machines with Motion-Sensitive Bolus Sensors. <i>Sensors</i> , 2019 , 19,	3.8	19
90	Adverse effects of routine bovine health treatments containing triclabendazole and synthetic pyrethroids on the abundance of dipteran larvae in bovine faeces. <i>Scientific Reports</i> , 2019 , 9, 4315	4.9	3

89	Radar-based evaluation of lameness detection in ruminants: preliminary results 2019 ,		3
88	Shedding of in calves and dams: evidence of re-infection and shedding of different subtypes. <i>Parasitology</i> , 2019 , 146, 1404-1413	2.7	12
87	Evaluation of lameness detection using radar sensing in ruminants. <i>Veterinary Record</i> , 2019 , 185, 572	0.9	5
86	Evaluation of reticuloruminal pH measurements from individual cattle: Sampling strategies for the assessment of herd status. <i>Veterinary Journal</i> , 2019 , 243, 26-32	2.5	9
85	Local immune response to larvae of <i>Rhipicephalus microplus</i> in Santa Gertrudis cattle. <i>Parasite Immunology</i> , 2018 , 40, e12515	2.2	4
84	P-glycoprotein-9 and macrocyclic lactone resistance status in selected strains of the ovine gastrointestinal nematode, <i>Teladorsagia circumcincta</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018 , 8, 70-80	4	8
83	Describing temporal variation in reticuloruminal pH using continuous monitoring data. <i>Journal of Dairy Science</i> , 2018 , 101, 233-245	4	11
82	Molecular biology of amitraz resistance in cattle ticks of the genus. <i>Frontiers in Bioscience - Landmark</i> , 2018 , 23, 796-810	2.8	20
81	Animal Lameness Detection With Radar Sensing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018 , 15, 1189-1193	4.1	14
80	Strategies for the control of <i>Rhipicephalus microplus</i> ticks in a world of conventional acaricide and macrocyclic lactone resistance. <i>Parasitology Research</i> , 2018 , 117, 3-29	2.4	90
79	Peripheral cellular and humoral responses to infestation with the cattle tick <i>Rhipicephalus microplus</i> in Santa Gertrudis cattle. <i>Parasite Immunology</i> , 2017 , 39, e12402	2.2	13
78	Targeted anthelmintic treatment of parasitic gastroenteritis in first grazing season dairy calves using daily live weight gain as an indicator. <i>Veterinary Parasitology</i> , 2017 , 244, 85-90	2.8	9
77	Cattle Tick -Host Interface: A Review of Resistant and Susceptible Host Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 506	5.9	53
76	Identification of a novel β adrenergic octopamine receptor-like gene (β OR-like) and increased ATP-binding cassette B10 (ABCB10) expression in a <i>Rhipicephalus microplus</i> cell line derived from acaricide-resistant ticks. <i>Parasites and Vectors</i> , 2016 , 9, 425	4	16
75	Comparison of the impact of six heat-load management strategies on thermal responses and milk production of feed-pad and pasture fed dairy cows in a subtropical environment. <i>International Journal of Biometeorology</i> , 2016 , 60, 1961-1968	3.7	7
74	A multiplex PCR test to identify four common cattle-adapted <i>Cryptosporidium</i> species. <i>Parasitology Open</i> , 2016 , 2,	1.5	9
73	Variation among Bm86 sequences in <i>Rhipicephalus (Boophilus) microplus</i> ticks collected from cattle across Thailand. <i>Experimental and Applied Acarology</i> , 2015 , 66, 247-56	2.1	14
72	Genetics for the Bovine Practitioner 2015 , 305-311		

71	Disrupted seasonal biology impacts health, food security and ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20151453	4.4	100
70	Development of a framework for genotyping bovine-derived <i>Cryptosporidium parvum</i> , using a multilocus fragment typing tool. <i>Parasites and Vectors</i> , 2015 , 8, 500	4	14
69	Clinical research: developing an appropriate career structure. <i>Veterinary Record</i> , 2015 , 177, 544-7	0.9	
68	Host resistance in cattle to infestation with the cattle tick <i>Rhipicephalus microplus</i> . <i>Parasite Immunology</i> , 2014 , 36, 553-9	2.2	34
67	Alkaline phosphatase in nasal secretion of cattle: biochemical and molecular characterisation. <i>BMC Veterinary Research</i> , 2014 , 10, 204	2.7	5
66	NMR-based metabolomics of bovine blood: an investigation into the effects of long term storage on plasma samples. <i>Metabolomics</i> , 2013 , 9, 1041-1047	4.7	6
65	Culture-independent identification of bacteria associated with ovine broken mouth periodontitis. <i>Veterinary Microbiology</i> , 2013 , 166, 664-9	3.3	17
64	Immuno-fluorescence staining patterns of leukocyte subsets in the skin of taurine and indicine cattle. <i>Research in Veterinary Science</i> , 2013 , 95, 854-60	2.5	5
63	Comparison of metabolic, hematological, and peripheral blood leukocyte cytokine profiles of dairy cows and heifers during the periparturient period. <i>Journal of Dairy Science</i> , 2013 , 96, 2283-2292	4	15
62	Mutation in the <i>RmOR</i> gene is associated with amitraz resistance in the cattle tick <i>Rhipicephalus microplus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16772-7	11.5	44
61	Is endemic stability of tick-borne disease in cattle a useful concept?. <i>Trends in Parasitology</i> , 2012 , 28, 85-9	6.4	40
60	Comparison of bioassay responses to the potential fungal biopesticide <i>Metarhizium anisopliae</i> in <i>Rhipicephalus (Boophilus) microplus</i> and <i>Lucilia cuprina</i> . <i>Veterinary Parasitology</i> , 2012 , 185, 236-47	2.8	7
59	<i>Teladorsagia circumcincta</i> : Molecular characterisation of the <i>avr-14B</i> subunit and its relatively minor role in ivermectin resistance. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2012 , 2, 154-61	4	6
58	Syringe test (modified larval immersion test): a new bioassay for testing acaricidal activity of plant extracts against <i>Rhipicephalus microplus</i> . <i>Veterinary Parasitology</i> , 2012 , 188, 362-7	2.8	15
57	Comparative studies on the invasion of cattle ticks (<i>Rhipicephalus (Boophilus) microplus</i>) and sheep blowflies (<i>Lucilia cuprina</i>) by <i>Metarhizium anisopliae</i> (Sorokin). <i>Journal of Invertebrate Pathology</i> , 2012 , 109, 248-59	2.6	13
56	The <i>RIPK2</i> gene: a positional candidate for tick burden supported by genetic associations in cattle and immunological response of knockout mouse. <i>Immunogenetics</i> , 2012 , 64, 379-88	3.2	8
55	Breeding for disease resistance in livestock and fish.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 2012 , 7,	3.2	8
54	Generation of full-length cDNAs for eight putative GPCnR from the cattle tick, <i>R. microplus</i> using a targeted degenerate PCR and sequencing strategy. <i>PLoS ONE</i> , 2012 , 7, e32480	3.7	13

53	Efficacy of toltrazuril 5 % suspension against <i>Eimeria bovis</i> and <i>Eimeria zuernii</i> in calves and observations on the associated immunopathology. <i>Parasitology Research</i> , 2011 , 109 Suppl 1, S113-28	2.4	16
52	Spatial variation of tick abundance and seroconversion rates of indigenous cattle to <i>Anaplasma marginale</i> , <i>Babesia bigemina</i> and <i>Theileria parva</i> infections in Uganda. <i>Experimental and Applied Acarology</i> , 2011 , 55, 203-13	2.1	32
51	Molecular genetic approaches for identifying the basis of variation in resistance to tick infestation in cattle. <i>Veterinary Parasitology</i> , 2011 , 180, 165-72	2.8	47
50	A single nucleotide polymorphism-derived regulatory gene network underlying puberty in 2 tropical breeds of beef cattle. <i>Journal of Animal Science</i> , 2011 , 89, 1669-83	0.7	79
49	Experimental vaccination of sheep and cattle against tick infestation using recombinant 5S nucleotidase. <i>Parasite Immunology</i> , 2010 , 32, 135-42	2.2	23
48	Association weight matrix for the genetic dissection of puberty in beef cattle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13642-7	11.5	104
47	Multiple paternity in <i>Rhipicephalus (Boophilus) microplus</i> confirmed by microsatellite analysis. <i>Experimental and Applied Acarology</i> , 2010 , 50, 51-8	2.1	7
46	Tick-susceptible <i>Bos taurus</i> cattle display an increased cellular response at the site of larval <i>Rhipicephalus (Boophilus) microplus</i> attachment, compared with tick-resistant <i>Bos indicus</i> cattle. <i>International Journal for Parasitology</i> , 2010 , 40, 431-41	4.3	47
45	Local immune response against larvae of <i>Rhipicephalus (Boophilus) microplus</i> in <i>Bos taurus indicus</i> and <i>Bos taurus taurus</i> cattle. <i>International Journal for Parasitology</i> , 2010 , 40, 865-75	4.3	37
44	Identification of a mutation in the para-sodium channel gene of the cattle tick <i>Rhipicephalus microplus</i> associated with resistance to flumethrin but not to cypermethrin. <i>International Journal for Parasitology</i> , 2010 , 40, 1659-64	4.3	54
43	Suppressive subtractive hybridization analysis of <i>Rhipicephalus (Boophilus) microplus</i> larval and adult transcript expression during attachment and feeding. <i>Veterinary Parasitology</i> , 2010 , 167, 304-20	2.8	29
42	Rotation of treatments between spinosad and amitraz for the control of <i>Rhipicephalus (Boophilus) microplus</i> populations with amitraz resistance. <i>Veterinary Parasitology</i> , 2010 , 169, 157-64	2.8	24
41	Immunological profiles of <i>Bos taurus</i> and <i>Bos indicus</i> cattle infested with the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> . <i>Vaccine Journal</i> , 2009 , 16, 1074-86		70
40	Frequency of feline diabetes mellitus and breed predisposition in domestic cats in Australia. <i>Veterinary Journal</i> , 2009 , 179, 254-8	2.5	41
39	Identification of a mutation in the para-sodium channel gene of the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> associated with resistance to synthetic pyrethroid acaricides. <i>International Journal for Parasitology</i> , 2009 , 39, 775-9	4.3	80
38	Diagnostic value of rectal temperature of African cattle of variable coat colour infected with trypanosomes and tick-borne infections. <i>Veterinary Parasitology</i> , 2009 , 160, 301-5	2.8	10
37	Population structure of Australian isolates of the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , 2009 , 161, 283-91	2.8	23
36	Laboratory studies on Australian isolates of <i>Metarhizium anisopliae</i> as a biopesticide for the cattle tick <i>Boophilus microplus</i> . <i>Journal of Invertebrate Pathology</i> , 2008 , 97, 40-9	2.6	73

35	Gene expression in the skin of <i>Bos taurus</i> and <i>Bos indicus</i> cattle infested with the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Immunology and Immunopathology</i> , 2008 , 126, 110-9	2	49
34	Productivity and health effects of anaplasmosis and babesiosis on <i>Bos indicus</i> cattle and their crosses, and the effects of differing intensity of tick control in Australia. <i>Veterinary Parasitology</i> , 2008 , 155, 1-9	2.8	84
33	Clinical features associated with seroconversion to <i>Anaplasma marginale</i> , <i>Babesia bigemina</i> and <i>Theileria parva</i> infections in African cattle under natural tick challenge. <i>Veterinary Parasitology</i> , 2008 , 155, 273-80	2.8	23
32	Pen studies on the control of cattle tick (<i>Rhipicephalus (Boophilus) microplus</i>) with <i>Metarhizium anisopliae</i> (Sorokin). <i>Veterinary Parasitology</i> , 2008 , 156, 248-60	2.8	26
31	Critical evaluation of the modified-adult immersion test with discriminating dose bioassay for <i>Boophilus microplus</i> using American and Australian isolates. <i>Veterinary Parasitology</i> , 2007 , 146, 307-15	2.8	54
30	Progress in the epidemiology and diagnosis of amitraz resistance in the cattle tick <i>Boophilus microplus</i> . <i>Veterinary Parasitology</i> , 2007 , 146, 193-8	2.8	73
29	A low cost decision support tool for the diagnosis of endemic bovine infectious diseases in the mixed crop-livestock production system of sub-Saharan Africa. <i>Epidemiology and Infection</i> , 2007 , 135, 67-75	4.3	10
28	Effects of environmental heat on conception rates in lactating dairy cows: critical periods of exposure. <i>Journal of Dairy Science</i> , 2007 , 90, 2271-8	4	89
27	World Association for the Advancement of Veterinary Parasitology (W.A.A.V.P.) guidelines for evaluating the efficacy of acaricides against ticks (Ixodidae) on ruminants. <i>Veterinary Parasitology</i> , 2006 , 136, 29-43	2.8	70
26	The productivity effects of cattle tick (<i>Boophilus microplus</i>) infestation on cattle, with particular reference to <i>Bos indicus</i> cattle and their crosses. <i>Veterinary Parasitology</i> , 2006 , 137, 1-10	2.8	135
25	Collection, seminal characteristics and chilled storage of spermatozoa from three species of free-range flying fox (<i>Pteropus</i> spp.). <i>Theriogenology</i> , 2005 , 64, 1072-89	2.8	24
24	Serological survey of <i>Babesia bovis</i> and <i>Anaplasma marginale</i> in cattle in Tete Province, Mozambique. <i>Tropical Animal Health and Production</i> , 2005 , 37, 121-31	1.7	13
23	Haematological values of young male rusa deer (<i>Cervus timorensis</i>). <i>Australian Veterinary Journal</i> , 2005 , 83, 496-8	1.2	2
22	Field anaesthesia of three Australian species of flying fox. <i>Veterinary Record</i> , 2004 , 154, 664	0.9	31
21	Portable haemoglobinometers and their potential for bedside detection of anaemia in bovine disease diagnosis: a comparative evaluation. <i>Veterinary Journal</i> , 2004 , 168, 343-8	2.5	2
20	Factors that influence the prevalence of acaricide resistance and tick-borne diseases. <i>Veterinary Parasitology</i> , 2004 , 125, 163-81	2.8	101
19	Serological evidence of exposure to tick fever organisms in young cattle on Queensland dairy farms. <i>Australian Veterinary Journal</i> , 2003 , 81, 147-52	1.2	11
18	Bovine congenital erythrocytic protoporphyria in a Limousin calf bred in the UK. <i>Veterinary Record</i> , 2002 , 150, 608-10	0.9	5

17	An estimate of the economic effects of cattle tick (<i>Boophilus microplus</i>) infestation on Queensland dairy farms. <i>Australian Veterinary Journal</i> , 2001 , 79, 826-31	1.2	32
16	Resistance of Holstein-Friesian cows to infestation by the cattle tick (<i>Boophilus microplus</i>). <i>Veterinary Parasitology</i> , 2000 , 89, 297-305	2.8	15
15	Possible risk factors on Queensland dairy farms for acaricide resistance in cattle tick (<i>Boophilus microplus</i>). <i>Veterinary Parasitology</i> , 2000 , 88, 79-92	2.8	66
14	Evaluation of tickGARD(PLUS), a novel vaccine against <i>Boophilus microplus</i> , in lactating Holstein-Friesian cows. <i>Veterinary Parasitology</i> , 2000 , 88, 275-85	2.8	55
13	Estimation of the effects of buffalo fly (<i>Haematobia irritans exigua</i>) on the milk production of dairy cattle based on a meta-analysis of literature data. <i>Medical and Veterinary Entomology</i> , 1999 , 13, 372-6	2.4	26
12	Extent and economic effect of heat loads on dairy cattle production in Australia. <i>Australian Veterinary Journal</i> , 1999 , 77, 804-8	1.2	32
11	Effect of genetic merit and concentrate feeding on reproduction of grazing dairy cows in a subtropical environment. <i>Journal of Dairy Science</i> , 1999 , 82, 2756-65	4	19
10	Association between non-parturient post-partum hypocalcaemia and the interval from calving to first ovulation in Holstein-Friesian cows. <i>Animal Science</i> , 1999 , 69, 377-383		8
9	Attitudes and practices of Queensland dairy farmers to the control of the cattle tick, <i>Boophilus microplus</i> . <i>Australian Veterinary Journal</i> , 1998 , 76, 746-51	1.2	33
8	Production effects of cattle tick (<i>Boophilus microplus</i>) infestation of high yielding dairy cows. <i>Veterinary Parasitology</i> , 1998 , 78, 65-77	2.8	53
7	Effects of oral dosing with calcium propionate on total calcium and glucose concentrations in the plasma of the cow. <i>Transboundary and Emerging Diseases</i> , 1998 , 45, 127-36		2
6	Relationships among calving season, heat load, energy balance and postpartum ovulation of dairy cows in a subtropical environment. <i>Animal Reproduction Science</i> , 1997 , 47, 315-26	2.1	44
5	Tick paralysis and hepatic lipidosis in a llama. <i>Australian Veterinary Journal</i> , 1997 , 75, 250-3	1.2	16
4	An outbreak of malignant catarrhal fever in young rusa deer (<i>Cervus timorensis</i>). <i>Australian Veterinary Journal</i> , 1997 , 75, 722-3	1.2	9
3	Control of cattle ticks (<i>Boophilus microplus</i>) on Queensland dairy farms. <i>Australian Veterinary Journal</i> , 1997 , 75, 802-7	1.2	23
2	Effects of hypocalcaemia on blood flow to the ovaries of the sheep. <i>Transboundary and Emerging Diseases</i> , 1997 , 44, 281-7		11
1	Reduction and repair of colonic intussusception in a wapiti/red hybrid hind (<i>Cervus elaphus</i>). <i>Australian Veterinary Journal</i> , 1995 , 72, 471-2	1.2	