

# Nicholas Jonsson

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8734605/nicholas-jonsson-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 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> , <b>2006</b> , 137, 1-10	2.8	135
105	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> , <b>2010</b> , 107, 13642-7	11.5	104
104	Factors that influence the prevalence of acaricide resistance and tick-borne diseases. <i>Veterinary Parasitology</i> , <b>2004</b> , 125, 163-81	2.8	101
103	Disrupted seasonal biology impacts health, food security and ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20151453	4.4	100
102	Strategies for the control of <i>Rhipicephalus microplus</i> ticks in a world of conventional acaricide and macrocyclic lactone resistance. <i>Parasitology Research</i> , <b>2018</b> , 117, 3-29	2.4	90
101	Effects of environmental heat on conception rates in lactating dairy cows: critical periods of exposure. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 2271-8	4	89
100	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> , <b>2008</b> , 155, 1-9	2.8	84
99	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> , <b>2009</b> , 39, 775-9	4.3	80
98	A single nucleotide polymorphism-derived regulatory gene network underlying puberty in 2 tropical breeds of beef cattle. <i>Journal of Animal Science</i> , <b>2011</b> , 89, 1669-83	0.7	79
97	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> , <b>2008</b> , 97, 40-9	2.6	73
96	Progress in the epidemiology and diagnosis of amitraz resistance in the cattle tick <i>Boophilus microplus</i> . <i>Veterinary Parasitology</i> , <b>2007</b> , 146, 193-8	2.8	73
95	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> , <b>2009</b> , 16, 1074-86		70
94	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> , <b>2006</b> , 136, 29-43	2.8	70
93	Possible risk factors on Queensland dairy farms for acaricide resistance in cattle tick ( <i>Boophilus microplus</i> ). <i>Veterinary Parasitology</i> , <b>2000</b> , 88, 79-92	2.8	66
92	Evaluation of tickGARD(PLUS), a novel vaccine against <i>Boophilus microplus</i> , in lactating Holstein-Friesian cows. <i>Veterinary Parasitology</i> , <b>2000</b> , 88, 275-85	2.8	55
91	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> , <b>2010</b> , 40, 1659-64	4.3	54
90	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> , <b>2007</b> , 146, 307-15	2.8	54

89	Cattle Tick -Host Interface: A Review of Resistant and Susceptible Host Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 506	5.9	53
88	Production effects of cattle tick ( <i>Boophilus microplus</i> ) infestation of high yielding dairy cows. <i>Veterinary Parasitology</i> , <b>1998</b> , 78, 65-77	2.8	53
87	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> , <b>2008</b> , 126, 110-9	2	49
86	Molecular genetic approaches for identifying the basis of variation in resistance to tick infestation in cattle. <i>Veterinary Parasitology</i> , <b>2011</b> , 180, 165-72	2.8	47
85	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> , <b>2010</b> , 40, 431-41	4.3	47
84	Mutation in the Rm $\Delta$ OR 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> , <b>2013</b> , 110, 16772-7	11.5	44
83	Relationships among calving season, heat load, energy balance and postpartum ovulation of dairy cows in a subtropical environment. <i>Animal Reproduction Science</i> , <b>1997</b> , 47, 315-26	2.1	44
82	Frequency of feline diabetes mellitus and breed predisposition in domestic cats in Australia. <i>Veterinary Journal</i> , <b>2009</b> , 179, 254-8	2.5	41
81	Is endemic stability of tick-borne disease in cattle a useful concept?. <i>Trends in Parasitology</i> , <b>2012</b> , 28, 85-9	6.4	40
80	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> , <b>2010</b> , 40, 865-75	4.3	37
79	Host resistance in cattle to infestation with the cattle tick <i>Rhipicephalus microplus</i> . <i>Parasite Immunology</i> , <b>2014</b> , 36, 553-9	2.2	34
78	Attitudes and practices of Queensland dairy farmers to the control of the cattle tick, <i>Boophilus microplus</i> . <i>Australian Veterinary Journal</i> , <b>1998</b> , 76, 746-51	1.2	33
77	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> , <b>2011</b> , 55, 203-13	2.1	32
76	An estimate of the economic effects of cattle tick ( <i>Boophilus microplus</i> ) infestation on Queensland dairy farms. <i>Australian Veterinary Journal</i> , <b>2001</b> , 79, 826-31	1.2	32
75	Extent and economic effect of heat loads on dairy cattle production in Australia. <i>Australian Veterinary Journal</i> , <b>1999</b> , 77, 804-8	1.2	32
74	Field anaesthesia of three Australian species of flying fox. <i>Veterinary Record</i> , <b>2004</b> , 154, 664	0.9	31
73	Suppressive subtractive hybridization analysis of <i>Rhipicephalus (Boophilus) microplus</i> larval and adult transcript expression during attachment and feeding. <i>Veterinary Parasitology</i> , <b>2010</b> , 167, 304-20	2.8	29
72	Pen studies on the control of cattle tick ( <i>Rhipicephalus (Boophilus) microplus</i> ) with <i>Metarhizium anisopliae</i> (Sorokin). <i>Veterinary Parasitology</i> , <b>2008</b> , 156, 248-60	2.8	26

71	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> , <b>1999</b> , 13, 372-6	2.4	26
70	Rotation of treatments between spinosad and amitraz for the control of <i>Rhipicephalus (Boophilus) microplus</i> populations with amitraz resistance. <i>Veterinary Parasitology</i> , <b>2010</b> , 169, 157-64	2.8	24
69	Collection, seminal characteristics and chilled storage of spermatozoa from three species of free-range flying fox ( <i>Pteropus</i> spp.). <i>Theriogenology</i> , <b>2005</b> , 64, 1072-89	2.8	24
68	Experimental vaccination of sheep and cattle against tick infestation using recombinant 5S nucleotidase. <i>Parasite Immunology</i> , <b>2010</b> , 32, 135-42	2.2	23
67	Population structure of Australian isolates of the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , <b>2009</b> , 161, 283-91	2.8	23
66	Control of cattle ticks ( <i>Boophilus microplus</i> ) on Queensland dairy farms. <i>Australian Veterinary Journal</i> , <b>1997</b> , 75, 802-7	1.2	23
65	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> , <b>2008</b> , 155, 273-80	2.8	23
64	Molecular biology of amitraz resistance in cattle ticks of the genus. <i>Frontiers in Bioscience - Landmark</i> , <b>2018</b> , 23, 796-810	2.8	20
63	Identification of the Rumination in Cattle Using Support Vector Machines with Motion-Sensitive Bolus Sensors. <i>Sensors</i> , <b>2019</b> , 19,	3.8	19
62	Effect of genetic merit and concentrate feeding on reproduction of grazing dairy cows in a subtropical environment. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 2756-65	4	19
61	The Internet of Things enhancing animal welfare and farm operational efficiency. <i>Journal of Dairy Research</i> , <b>2020</b> , 87, 20-27	1.6	18
60	Culture-independent identification of bacteria associated with ovine broken mouth periodontitis. <i>Veterinary Microbiology</i> , <b>2013</b> , 166, 664-9	3.3	17
59	Identification of a novel adrenergic octopamine receptor-like gene (AOR-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> , <b>2016</b> , 9, 425	4	16
58	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> , <b>2011</b> , 109 Suppl 1, S113-28	2.4	16
57	Tick paralysis and hepatic lipidosis in a llama. <i>Australian Veterinary Journal</i> , <b>1997</b> , 75, 250-3	1.2	16
56	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> , <b>2012</b> , 188, 362-7	2.8	15
55	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> , <b>2013</b> , 96, 2283-2292	4	15
54	Resistance of Holstein-Friesian cows to infestation by the cattle tick ( <i>Boophilus microplus</i> ). <i>Veterinary Parasitology</i> , <b>2000</b> , 89, 297-305	2.8	15

53	Variation among Bm86 sequences in Rhipicephalus (Boophilus) microplus ticks collected from cattle across Thailand. <i>Experimental and Applied Acarology</i> , <b>2015</b> , 66, 247-56	2.1	14
52	Animal Lameness Detection With Radar Sensing. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2018</b> , 15, 1189-1193	4.1	14
51	Development of a framework for genotyping bovine-derived Cryptosporidium parvum, using a multilocus fragment typing tool. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 500	4	14
50	Peripheral cellular and humoral responses to infestation with the cattle tick Rhipicephalus microplus in Santa Gertrudis cattle. <i>Parasite Immunology</i> , <b>2017</b> , 39, e12402	2.2	13
49	Comparative studies on the invasion of cattle ticks (Rhipicephalus (Boophilus) microplus) and sheep blowflies (Lucilia cuprina) by Metarhizium anisopliae (Sorokin). <i>Journal of Invertebrate Pathology</i> , <b>2012</b> , 109, 248-59	2.6	13
48	Serological survey of Babesia bovis and Anaplasma marginale in cattle in Tete Province, Mozambique. <i>Tropical Animal Health and Production</i> , <b>2005</b> , 37, 121-31	1.7	13
47	Generation of full-length cDNAs for eight putative GPCnR from the cattle tick, R. microplus using a targeted degenerate PCR and sequencing strategy. <i>PLoS ONE</i> , <b>2012</b> , 7, e32480	3.7	13
46	Shedding of in calves and dams: evidence of re-infection and shedding of different subtypes. <i>Parasitology</i> , <b>2019</b> , 146, 1404-1413	2.7	12
45	Describing temporal variation in reticuloruminal pH using continuous monitoring data. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 233-245	4	11
44	Effects of hypocalcaemia on blood flow to the ovaries of the sheep. <i>Transboundary and Emerging Diseases</i> , <b>1997</b> , 44, 281-7		11
43	Serological evidence of exposure to tick fever organisms in young cattle on Queensland dairy farms. <i>Australian Veterinary Journal</i> , <b>2003</b> , 81, 147-52	1.2	11
42	Diagnostic value of rectal temperature of African cattle of variable coat colour infected with trypanosomes and tick-borne infections. <i>Veterinary Parasitology</i> , <b>2009</b> , 160, 301-5	2.8	10
41	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> , <b>2007</b> , 135, 67-75	4.3	10
40	Targeted anthelmintic treatment of parasitic gastroenteritis in first grazing season dairy calves using daily live weight gain as an indicator. <i>Veterinary Parasitology</i> , <b>2017</b> , 244, 85-90	2.8	9
39	An outbreak of malignant catarrhal fever in young rusa deer (Cervus timorensis). <i>Australian Veterinary Journal</i> , <b>1997</b> , 75, 722-3	1.2	9
38	A multiplex PCR test to identify four common cattle-adapted Cryptosporidium species. <i>Parasitology Open</i> , <b>2016</b> , 2,	1.5	9
37	Evaluation of reticuloruminal pH measurements from individual cattle: Sampling strategies for the assessment of herd status. <i>Veterinary Journal</i> , <b>2019</b> , 243, 26-32	2.5	9
36	Contrasting effects of high-starch and high-sugar diets on ruminal function in cattle. <i>Journal of Dairy Research</i> , <b>2020</b> , 87, 175-183	1.6	8

35	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> , <b>2018</b> , 8, 70-80	4	8
34	The RIPK2 gene: a positional candidate for tick burden supported by genetic associations in cattle and immunological response of knockout mouse. <i>Immunogenetics</i> , <b>2012</b> , 64, 379-88	3.2	8
33	Breeding for disease resistance in livestock and fish.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , <b>2012</b> , 7,	3.2	8
32	Association between non-parturient post-partum hypocalcaemia and the interval from calving to first ovulation in Holstein-Friesian cows. <i>Animal Science</i> , <b>1999</b> , 69, 377-383		8
31	Comparison of bioassay responses to the potential fungal biopesticide <i>Metarhizium anisopliae</i> in <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>microplus</i> and <i>Lucilia cuprina</i> . <i>Veterinary Parasitology</i> , <b>2012</b> , 185, 236-47	2.8	7
30	Multiple paternity in <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>microplus</i> confirmed by microsatellite analysis. <i>Experimental and Applied Acarology</i> , <b>2010</b> , 50, 51-8	2.1	7
29	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> , <b>2016</b> , 60, 1961-1968	3.7	7
28	NMR-based metabolomics of bovine blood: an investigation into the effects of long term storage on plasma samples. <i>Metabolomics</i> , <b>2013</b> , 9, 1041-1047	4.7	6
27	<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> , <b>2012</b> , 2, 154-61	4	6
26	Immuno-fluorescence staining patterns of leukocyte subsets in the skin of taurine and indicine cattle. <i>Research in Veterinary Science</i> , <b>2013</b> , 95, 854-60	2.5	5
25	Alkaline phosphatase in nasal secretion of cattle: biochemical and molecular characterisation. <i>BMC Veterinary Research</i> , <b>2014</b> , 10, 204	2.7	5
24	Bovine congenital erythrocytic protoporphyria in a Limousin calf bred in the UK. <i>Veterinary Record</i> , <b>2002</b> , 150, 608-10	0.9	5
23	Evaluation of lameness detection using radar sensing in ruminants. <i>Veterinary Record</i> , <b>2019</b> , 185, 572	0.9	5
22	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> , <b>2020</b> , 80, 569-590	2.1	4
21	Local immune response to larvae of <i>Rhipicephalus microplus</i> in Santa Gertrudis cattle. <i>Parasite Immunology</i> , <b>2018</b> , 40, e12515	2.2	4
20	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> , <b>2019</b> , 9, 4315	4.9	3
19	Radar-based evaluation of lameness detection in ruminants: preliminary results <b>2019</b> ,		3
18	observations on rumen wall histology and gene expression and ruminal and caecal content of beef cattle fattened on barley-based rations. <i>Animal</i> , <b>2020</b> , 14, 1447-1460	3.1	3

17	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> , <b>1998</b> , 45, 127-36		2
16	Portable haemoglobinometers and their potential for penside detection of anaemia in bovine disease diagnosis: a comparative evaluation. <i>Veterinary Journal</i> , <b>2004</b> , 168, 343-8	2.5	2
15	Haematological values of young male rusa deer ( <i>Cervus timorensis</i> ). <i>Australian Veterinary Journal</i> , <b>2005</b> , 83, 496-8	1.2	2
14	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> , <b>2021</b> , 101, 5541-5549	4.3	2
13	Combining molecular and incomplete observational data to inform management of southern white rhinoceros ( <i>Ceratotherium simum simum</i> ). <i>Conservation Genetics</i> , <b>2019</b> , 20, 639-652	2.6	1
12	Livestock Management in Red-Billed Chough Feeding Habitat in Great Britain and the Isle of Man. <i>Rangeland Ecology and Management</i> , <b>2020</b> , 73, 216-223	2.2	1
11	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> , <b>2021</b> , 12, 675979	8.4	1
10	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> , <b>2022</b> , 261, 104573	3.9	1
9	The heritability of fecal egg counts.. <i>Parasitology</i> , <b>2022</b> , 1-7	2.7	0
8	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> , <b>2021</b> , 302, 109613	2.8	0
7	Liver fluke in beef cattle - Impact on production efficiency and associated greenhouse gas emissions estimated using causal inference methods.. <i>Preventive Veterinary Medicine</i> , <b>2022</b> , 200, 105579 <sup>3.1</sup>		0
6	Serum proteomes of Santa Gertrudis cattle before and after infestation with <i>Rhipicephalus australis</i> ticks. <i>Parasite Immunology</i> , <b>2021</b> , 43, e12836	2.2	0
5	Genetics for the Bovine Practitioner <b>2015</b> , 305-311		
4	Clinical research: developing an appropriate career structure. <i>Veterinary Record</i> , <b>2015</b> , 177, 544-7	0.9	
3	Reduction and repair of colonic intussusception in a wapiti/red hybrid hind ( <i>Cervus elaphus</i> ). <i>Australian Veterinary Journal</i> , <b>1995</b> , 72, 471-2	1.2	
2	Light microscopic observations of the ruminal papillae of cattle on diets with divergent forage to cereal ratios.. <i>Animal</i> , <b>2022</b> , 16, 100462	3.1	
1	Effects of ammonia-treated maize on growth performance of beef cattle. <i>Animal Feed Science and Technology</i> , <b>2022</b> , 115350		3