

# Peter Nejsum

## List of Publications by Citations

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93  
papers

5,822  
citations

28  
h-index

76  
g-index

99  
ext. papers

8,064  
ext. citations

5.3  
avg, IF

4.87  
L-index

#	Paper	IF	Citations
93	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1535750	16.4	3642
92	<i>Ascaris suum</i> draft genome. <i>Nature</i> , <b>2011</b> , 479, 529-33	50.4	217
91	Ascariasis is a zoonosis in denmark. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 1142-8	9.7	113
90	Clear genetic distinctiveness between human- and pig-derived <i>Trichuris</i> based on analyses of mitochondrial datasets. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1539	4.8	87
89	Molecular epidemiology of ascariasis: a global perspective on the transmission dynamics of <i>Ascaris</i> in people and pigs. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 932-41	7	85
88	Genetic blueprint of the zoonotic pathogen <i>Toxocara canis</i> . <i>Nature Communications</i> , <b>2015</b> , 6, 6145	17.4	77
87	Genome and transcriptome of the porcine whipworm <i>Trichuris suis</i> . <i>Nature Genetics</i> , <b>2014</b> , 46, 701-6	36.3	77
86	Genetic analysis of <i>Trichuris suis</i> and <i>Trichuris trichiura</i> recovered from humans and pigs in a sympatric setting in Uganda. <i>Veterinary Parasitology</i> , <b>2012</b> , 188, 68-77	2.8	64
85	Secretion of RNA-Containing Extracellular Vesicles by the Porcine Whipworm, <i>Trichuris suis</i> . <i>Journal of Parasitology</i> , <b>2015</b> , 101, 336-40	0.9	50
84	Immunomodulation by Helminths: Intracellular Pathways and Extracellular Vesicles. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2349	8.4	49
83	Ancient DNA from latrines in Northern Europe and the Middle East (500 BC-1700 AD) reveals past parasites and diet. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195481	3.7	46
82	Anthelmintic activity of trans-cinnamaldehyde and A- and B-type proanthocyanidins derived from cinnamon ( <i>Cinnamomum verum</i> ). <i>Scientific Reports</i> , <b>2015</b> , 5, 14791	4.9	43
81	Exploration of extracellular vesicles from provides evidence of parasite-host cross talk. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1578116	16.4	42
80	The transcriptome of <i>Trichuris suis</i> --first molecular insights into a parasite with curative properties for key immune diseases of humans. <i>PLoS ONE</i> , <b>2011</b> , 6, e23590	3.7	40
79	A polyphenol-enriched diet and <i>Ascaris suum</i> infection modulate mucosal immune responses and gut microbiota composition in pigs. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186546	3.7	39
78	Prevalence of gastrointestinal nematodes in growing pigs in Kabale District in Uganda. <i>Tropical Animal Health and Production</i> , <b>2011</b> , 43, 567-72	1.7	37
77	The whipworm ( <i>Trichuris suis</i> ) secretes prostaglandin E2 to suppress proinflammatory properties in human dendritic cells. <i>FASEB Journal</i> , <b>2017</b> , 31, 719-731	0.9	36

76	AFM-Based High-Throughput Nanomechanical Screening of Single Extracellular Vesicles. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 10274-10282	7.8	35
75	<i>Taenia hydatigena</i> cysticercosis in slaughtered pigs, goats, and sheep in Tanzania. <i>Tropical Animal Health and Production</i> , <b>2015</b> , 47, 1523-30	1.7	34
74	Albendazole and mebendazole have low efficacy against <i>Trichuristrichiura</i> in school-age children in Kabale District, Uganda. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2009</b> , 103, 443-6	2	34
73	Evaluation of a serodiagnostic test using <i>Ascaris suum</i> haemoglobin for the detection of roundworm infections in pig populations. <i>Veterinary Parasitology</i> , <b>2012</b> , 189, 267-73	2.8	32
72	Mitochondrial and nuclear ribosomal DNA evidence supports the existence of a new <i>Trichuris</i> species in the endangered <i>franBisUeaf</i> -monkey. <i>PLoS ONE</i> , <b>2013</b> , 8, e66249	3.7	32
71	Mitochondrial Genome Analyses Suggest Multiple <i>Trichuris</i> Species in Humans, Baboons, and Pigs from Different Geographical Regions. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004059	4.8	31
70	The protein and microRNA cargo of extracellular vesicles from parasitic helminths - current status and research priorities. <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 635-645	4.3	31
69	DNA typing of ancient parasite eggs from environmental samples identifies human and animal worm infections in Viking-age settlement. <i>Journal of Parasitology</i> , <b>2015</b> , 101, 57-63	0.9	30
68	Population structure in <i>Ascaris suum</i> (Nematoda) among domestic swine in Denmark as measured by whole genome DNA fingerprinting. <i>Hereditas</i> , <b>2005</b> , 142, 7-14	2.4	30
67	DNA of <i>Dientamoeba fragilis</i> detected within surface-sterilized eggs of <i>Enterobius vermicularis</i> . <i>Experimental Parasitology</i> , <b>2013</b> , 133, 57-61	2.1	29
66	Zoonotic ascariasis, United Kingdom. <i>Emerging Infectious Diseases</i> , <b>2011</b> , 17, 1964-6	10.2	28
65	Population dynamics of <i>Ascaris suum</i> in trickle-infected pigs. <i>Journal of Parasitology</i> , <b>2009</b> , 95, 1048-53	0.9	26
64	Molecular evidence for sustained transmission of zoonotic <i>Ascaris suum</i> among zoo chimpanzees ( <i>Pan troglodytes</i> ). <i>Veterinary Parasitology</i> , <b>2010</b> , 171, 273-6	2.8	26
63	Mucosal Barrier and Th2 Immune Responses Are Enhanced by Dietary Inulin in Pigs Infected With. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2557	8.4	25
62	Highlights of the SBr Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1407213	16.4	24
61	Localization of <i>Ascaridia galli</i> larvae in the jejunum of chickens 3 days post infection. <i>Veterinary Parasitology</i> , <b>2012</b> , 185, 186-93	2.8	23
60	Is supplementary bead beating for DNA extraction from nematode eggs by use of the NucliSENS easyMag protocol necessary?. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 1345-7	9.7	23
59	Molecular and parasitological tools for the study of <i>Ascaridia galli</i> population dynamics in chickens. <i>Avian Pathology</i> , <b>2010</b> , 39, 81-5	2.4	22

58	Multiplex PCR on single unembryonated <i>Ascaris</i> (roundworm) eggs. <i>Parasitology Research</i> , <b>2009</b> , 104, 939-43	2.4	21
57	Profiling circulating miRNAs in serum from pigs infected with the porcine whipworm, <i>Trichuris suis</i> . <i>Veterinary Parasitology</i> , <b>2016</b> , 223, 30-3	2.8	21
56	<i>Ascaris Suum</i> Infection Downregulates Inflammatory Pathways in the Pig Intestine In Vivo and in Human Dendritic Cells In Vitro. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 310-319	7	20
55	Genetic variations in the beta-tubulin gene and the internal transcribed spacer 2 region of <i>Trichuris</i> species from man and baboons. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 236	4	20
54	Human Trichuriasis: Whipworm Genetics, Phylogeny, Transmission and Future Research Directions. <i>Current Tropical Medicine Reports</i> , <b>2015</b> , 2, 209-217	5	20
53	<i>Ascaridia galli</i> in chickens: intestinal localization and comparison of methods to isolate the larvae within the first week of infection. <i>Parasitology Research</i> , <b>2012</b> , 111, 2273-9	2.4	20
52	A genetic analysis of <i>Trichuris trichiura</i> and <i>Trichuris suis</i> from Ecuador. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 168	4	19
51	Whipworms in humans and pigs: origins and demography. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 37	4	19
50	Molecular diversity of avian schistosomes in Danish freshwater snails. <i>Parasitology Research</i> , <b>2016</b> , 115, 1027-37	2.4	19
49	Molecular evidence for the infection of zoo chimpanzees by pig <i>Ascaris</i> . <i>Veterinary Parasitology</i> , <b>2006</b> , 139, 203-10	2.8	19
48	Genetic variation in codons 167, 198 and 200 of the beta-tubulin gene in whipworms ( <i>Trichuris</i> spp.) from a range of domestic animals and wildlife. <i>Veterinary Parasitology</i> , <b>2013</b> , 193, 141-9	2.8	17
47	Genetic diversity of <i>Ascaris</i> in southwestern Uganda. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2012</b> , 106, 75-83	2	17
46	A new level of complexity in parasite-host interaction: The role of extracellular vesicles. <i>Advances in Parasitology</i> , <b>2019</b> , 104, 39-112	3.2	15
45	Impact of <i>Ascaris suum</i> in Livestock <b>2013</b> , 363-381		15
44	Modulation of human macrophage activity by <i>Ascaris</i> antigens is dependent on macrophage polarization state. <i>Immunobiology</i> , <b>2018</b> , 223, 405-412	3.4	15
43	The jejunal cellular responses in chickens infected with a single dose of <i>Ascaridia galli</i> eggs. <i>Parasitology Research</i> , <b>2015</b> , 114, 2507-15	2.4	14
42	Population dynamics of <i>Ascaridia galli</i> following single infection in young chickens. <i>Parasitology</i> , <b>2013</b> , 140, 1078-84	2.7	14
41	Glucose Absorption by the Bacillary Band of <i>Trichuris muris</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004971	4.8	14

40	Trichuris suis and Oesophagostomum dentatum show different sensitivity and accumulation of fenbendazole, albendazole and levamisole in vitro. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2752	4.8	13
39	Augmented COlorimetric NANoplasmonic (CONAN) Method for Grading Purity and Determine Concentration of EV Microliter Volume Solutions. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2019</b> , 7, 452	5.8	12
38	Insights into the molecular systematics of Trichuris infecting captive primates based on mitochondrial DNA analysis. <i>Veterinary Parasitology</i> , <b>2019</b> , 272, 23-30	2.8	12
37	Uptake of benzimidazoles by Trichuris suis in vivo in pigs. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2014</b> , 4, 112-7	4	12
36	Detection of a quantitative trait locus associated with resistance to Ascaris suum infection in pigs. <i>International Journal for Parasitology</i> , <b>2012</b> , 42, 383-91	4.3	12
35	A Phosphorylcholine-Containing Glycolipid-like Antigen Present on the Surface of Infective Stage Larvae of Ascaris spp. Is a Major Antibody Target in Infected Pigs and Humans. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005166	4.8	12
34	Ascaris from Humans and Pigs Appear to Be Reproductively Isolated Species. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004855	4.8	12
33	Immune responses and parasitological observations induced during probiotic treatment with medicinal Trichuris suis ova in a healthy volunteer. <i>Immunology Letters</i> , <b>2017</b> , 188, 32-37	4.1	11
32	Dietary Inulin and Infection Promote Beneficial Bacteria Throughout the Porcine Gut. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 312	5.7	11
31	Ascaris phylogeny based on multiple whole mtDNA genomes. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 48, 4-9	4.5	10
30	Whipworm kinomes reflect a unique biology and adaptation to the host animal. <i>International Journal for Parasitology</i> , <b>2017</b> , 47, 857-866	4.3	9
29	Filarial infections in domestic dogs in Lusaka, Zambia. <i>Veterinary Parasitology</i> , <b>2015</b> , 210, 250-4	2.8	9
28	Genetic variation in mitochondrial DNA among Enterobius vermicularis in Denmark. <i>Parasitology</i> , <b>2013</b> , 140, 109-14	2.7	9
27	Serum antibody responses in pigs trickle-infected with Ascaris and Trichuris: Heritabilities and associations with parasitological findings. <i>Veterinary Parasitology</i> , <b>2015</b> , 211, 306-11	2.8	8
26	Pathway of oxfendazole from the host into the worm: Trichuris suis in pigs. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2017</b> , 7, 416-424	4	8
25	The level of embryonation influences detection of Ostertagia ostertagi eggs by semi-quantitative PCR. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 368	4	8
24	Diagnosis and drug resistance of human soil-transmitted helminth infections: A public health perspective. <i>Advances in Parasitology</i> , <b>2019</b> , 104, 247-326	3.2	7
23	Phylogenetic relationships among Toxocara spp. and Toxascaris sp. from different regions of the world. <i>Veterinary Parasitology</i> , <b>2020</b> , 282, 109133	2.8	6

22	Fermentable Dietary Fiber Promotes Helminth Infection and Exacerbates Host Inflammatory Responses. <i>Journal of Immunology</i> , <b>2020</b> , 204, 3042-3055	5.3	6
21	Functional study of a genetic marker allele associated with resistance to <i>Ascaris suum</i> in pigs. <i>Parasitology</i> , <b>2014</b> , 141, 777-87	2.7	6
20	A novel technique for identification of <i>Ascaris suum</i> cohorts in pigs. <i>Veterinary Parasitology</i> , <b>2008</b> , 154, 171-4	2.8	6
19	From the Twig Tips to the Deeper Branches <b>2013</b> , 265-285		5
18	The use of genetically marked infection cohorts to study changes in establishment rates during the time course of a repeated <i>Ascaridia galli</i> infection in chickens. <i>International Journal for Parasitology</i> , <b>2015</b> , 45, 393-8	4.3	4
17	Effects of the dietary fibre inulin and <i>Trichuris suis</i> products on inflammatory responses in lipopolysaccharide-stimulated macrophages. <i>Molecular Immunology</i> , <b>2020</b> , 121, 127-135	4.3	4
16	Unique glycan and lipid composition of helminth-derived extracellular vesicles may reveal novel roles in host-parasite interactions. <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 647-654	4.3	4
15	Analysis of Ribosomal DNA Cannot Unequivocally Assign <i>Ascaris</i> to Species Level or Identify Hybrids. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 216, 616-617	7	4
14	Fluorescent Labeling of Helminth Extracellular Vesicles Using an In Vivo Whole Organism Approach. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	4
13	Warble infestations by <i>Hypoderma tarandi</i> (Diptera; Oestridae) recorded for the first time in West Greenland muskoxen. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2013</b> , 2, 214-6	2.6	3
12	AFM-based High-Throughput Nanomechanical Screening of Single Extracellular Vesicles		3
11	Transcriptional immune response in mesenteric lymph nodes in pigs with different levels of resistance to <i>Ascaris suum</i> . <i>Acta Parasitologica</i> , <b>2017</b> , 62, 141-153	1.7	2
10	Mebendazole treatment persistently alters the size profile and morphology of <i>Trichuris trichiura</i> eggs. <i>Acta Tropica</i> , <b>2020</b> , 204, 105347	3.2	2
9	Emerging interactions between diet, gastrointestinal helminth infection, and the gut microbiota in livestock. <i>BMC Veterinary Research</i> , <b>2021</b> , 17, 62	2.7	2
8	Population genomics of ancient and modern <i>Trichuris trichiura</i>		1
7	<i>Dermatobia hominis</i> misdiagnosed as abscesses in a traveler returning from Brazil to Denmark. <i>Acta Dermatovenerologica Alpina, Panonica Et Adriatica</i> , <b>2017</b> , 26, 43-44	0.7	1
6	Evidence for mitochondrial pseudogenes (numts) as a source of contamination in the phylogeny of human whipworms. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 86, 104627	4.5	1
5	Parasite worm antigens instruct macrophages to release immunoregulatory extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12131	16.4	1

4	Antigens from the parasitic nematode <i>Trichuris suis</i> induce metabolic reprogramming and trained immunity to constrain inflammatory responses in macrophages. <i>Cytokine</i> , <b>2022</b> , 156, 155919	4	1
3	Balancing knowledge and basic principles in veterinary parasitology - Competencies for future Danish veterinary graduates. <i>Veterinary Parasitology</i> , <b>2018</b> , 252, 117-119	2.8	0
2	Parasite-Probiotic Interactions in the Gut: sp. and Regulate Type-2 Inflammatory Responses and Modify the Gut Microbiota of Pigs During Helminth Infection.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 793260 <sup>8.4</sup>	8.4	0
1	Helminth products modulate innate immune recognition of nucleic acids in systemic lupus erythematosus.. <i>Lupus</i> , <b>2022</b> , 9612033221080548	2.6	