Peter Nejsum

List of Publications by Year in Descending Order

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	Helminth products modulate innate immune recognition of nucleic acids in systemic lupus erythematosus.. *Lupus*, **2022**, 9612033221080548	2.6	
92	Antigens from the parasitic nematode Trichuris suis induce metabolic reprogramming and trained immunity to constrain inflammatory responses in macrophages. *Cytokine*, **2022**, 156, 155919	4	1
91	Parasite-Probiotic Interactions in the Gut: sp. and Regulate Type-2 Inflammatory Responses and Modify the Gut Microbiota of Pigs During Helminth Infection.. *Frontiers in Immunology*, **2021**, 12, 793260	8.4	0
90	Parasite worm antigens instruct macrophages to release immunoregulatory extracellular vesicles. *Journal of Extracellular Vesicles*, **2021**, 10, e12131	16.4	1
89	Emerging interactions between diet, gastrointestinal helminth infection, and the gut microbiota in livestock. *BMC Veterinary Research*, **2021**, 17, 62	2.7	2
88	Effects of the dietary fibre inulin and Trichuris suis products on inflammatory responses in lipopolysaccharide-stimulated macrophages. *Molecular Immunology*, **2020**, 121, 127-135	4.3	4
87	Phylogenetic relationships among Toxocara spp. and Toxascaris sp. from different regions of the world. *Veterinary Parasitology*, **2020**, 282, 109133	2.8	6
86	Unique glycan and lipid composition of helminth-derived extracellular vesicles may reveal novel roles in host-parasite interactions. *International Journal for Parasitology*, **2020**, 50, 647-654	4.3	4
85	Dietary Inulin and Infection Promote Beneficial Bacteria Throughout the Porcine Gut. *Frontiers in Microbiology*, **2020**, 11, 312	5.7	11
84	AFM-Based High-Throughput Nanomechanical Screening of Single Extracellular Vesicles. *Analytical Chemistry*, **2020**, 92, 10274-10282	7.8	35
83	Mebendazole treatment persistently alters the size profile and morphology of Trichuris trichiura eggs. *Acta Tropica*, **2020**, 204, 105347	3.2	2
82	Fermentable Dietary Fiber Promotes Helminth Infection and Exacerbates Host Inflammatory Responses. *Journal of Immunology*, **2020**, 204, 3042-3055	5.3	6
81	The protein and microRNA cargo of extracellular vesicles from parasitic helminths - current status and research priorities. *International Journal for Parasitology*, **2020**, 50, 635-645	4.3	31
80	Fluorescent Labeling of Helminth Extracellular Vesicles Using an In Vivo Whole Organism Approach. *Biomedicines*, **2020**, 8,	4.8	4
79	Evidence for mitochondrial pseudogenes (numts) as a source of contamination in the phylogeny of human whipworms. *Infection, Genetics and Evolution*, **2020**, 86, 104627	4.5	1
78	Diagnosis and drug resistance of human soil-transmitted helminth infections: A public health perspective. *Advances in Parasitology*, **2019**, 104, 247-326	3.2	7
77	A new level of complexity in parasite-host interaction: The role of extracellular vesicles. *Advances in Parasitology*, **2019**, 104, 39-112	3.2	15

76	Exploration of extracellular vesicles from provides evidence of parasite-host cross talk. *Journal of Extracellular Vesicles*, **2019**, 8, 1578116	16.4	42
75	Augmented COlorimetric NANoplasmonic (CONAN) Method for Grading Purity and Determine Concentration of EV Microliter Volume Solutions. *Frontiers in Bioengineering and Biotechnology*, **2019**, 7, 452	5.8	12
74	Insights into the molecular systematics of Trichuris infecting captive primates based on mitochondrial DNA analysis. *Veterinary Parasitology*, **2019**, 272, 23-30	2.8	12
73	Balancing knowledge and basic principles in veterinary parasitology - Competencies for future Danish veterinary graduates. *Veterinary Parasitology*, **2018**, 252, 117-119	2.8	0
72	Ascaris Suum Infection Downregulates Inflammatory Pathways in the Pig Intestine In Vivo and in Human Dendritic Cells In Vitro. *Journal of Infectious Diseases*, **2018**, 217, 310-319	7	20
71	Ancient DNA from latrines in Northern Europe and the Middle East (500 BC-1700 AD) reveals past parasites and diet. *PLoS ONE*, **2018**, 13, e0195481	3.7	46
70	Modulation of human macrophage activity by Ascaris antigens is dependent on macrophage polarization state. *Immunobiology*, **2018**, 223, 405-412	3.4	15
69	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. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
68	Mucosal Barrier and Th2 Immune Responses Are Enhanced by Dietary Inulin in Pigs Infected With. *Frontiers in Immunology*, **2018**, 9, 2557	8.4	25
67	Immunomodulation by Helminths: Intracellular Pathways and Extracellular Vesicles. *Frontiers in Immunology*, **2018**, 9, 2349	8.4	49
66	Immune responses and parasitological observations induced during probiotic treatment with medicinal Trichuris suis ova in a healthy volunteer. *Immunology Letters*, **2017**, 188, 32-37	4.1	11
65	Whipworm kinomes reflect a unique biology and adaptation to the host animal. *International Journal for Parasitology*, **2017**, 47, 857-866	4.3	9
64	Transcriptional immune response in mesenteric lymph nodes in pigs with different levels of resistance to Ascaris suum. *Acta Parasitologica*, **2017**, 62, 141-153	1.7	2
63	Ascaris phylogeny based on multiple whole mtDNA genomes. *Infection, Genetics and Evolution*, **2017**, 48, 4-9	4.5	10
62	A polyphenol-enriched diet and Ascaris suum infection modulate mucosal immune responses and gut microbiota composition in pigs. *PLoS ONE*, **2017**, 12, e0186546	3.7	39
61	Highlights of the São Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. *Journal of Extracellular Vesicles*, **2017**, 6, 1407213	16.4	24
60	Pathway of oxfendazole from the host into the worm: Trichuris suis in pigs. *International Journal for Parasitology: Drugs and Drug Resistance*, **2017**, 7, 416-424	4	8
59	Analysis of Ribosomal DNA Cannot Unequivocally Assign Ascaris to Species Level or Identify Hybrids. *Journal of Infectious Diseases*, **2017**, 216, 616-617	7	4

58	The whipworm (Trichuris suis) secretes prostaglandin E2 to suppress proinflammatory properties in human dendritic cells. *FASEB Journal*, **2017**, 31, 719-731	0.9	36
57	Dermatobia hominis misdiagnosed as abscesses in a traveler returning from Brazil to Denmark. *Acta Dermatovenerologica Alpina, Panonica Et Adriatica*, **2017**, 26, 43-44	0.7	1
56	Whipworms in humans and pigs: origins and demography. *Parasites and Vectors*, **2016**, 9, 37	4	19
55	Molecular diversity of avian schistosomes in Danish freshwater snails. *Parasitology Research*, **2016**, 115, 1027-37	2.4	19
54	Glucose Absorption by the Bacillary Band of Trichuris muris. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004971	4.8	14
53	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. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0005166	4.8	12
52	The level of embryonation influences detection of Ostertagia ostertagi eggs by semi-quantitative PCR. *Parasites and Vectors*, **2016**, 9, 368	4	8
51	Ascaris from Humans and Pigs Appear to Be Reproductively Isolated Species. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004855	4.8	12
50	Profiling circulating miRNAs in serum from pigs infected with the porcine whipworm, Trichuris suis. *Veterinary Parasitology*, **2016**, 223, 30-3	2.8	21
49	Genetic blueprint of the zoonotic pathogen Toxocara canis. *Nature Communications*, **2015**, 6, 6145	17.4	77
48	DNA typing of ancient parasite eggs from environmental samples identifies human and animal worm infections in Viking-age settlement. *Journal of Parasitology*, **2015**, 101, 57-63	0.9	30
47	Taenia hydatigena cysticercosis in slaughtered pigs, goats, and sheep in Tanzania. *Tropical Animal Health and Production*, **2015**, 47, 1523-30	1.7	34
46	Filarial infections in domestic dogs in Lusaka, Zambia. *Veterinary Parasitology*, **2015**, 210, 250-4	2.8	9
45	The use of genetically marked infection cohorts to study changes in establishment rates during the time course of a repeated Ascaridia galli infection in chickens. *International Journal for Parasitology*, **2015**, 45, 393-8	4.3	4
44	The jejunal cellular responses in chickens infected with a single dose of Ascaridia galli eggs. *Parasitology Research*, **2015**, 114, 2507-15	2.4	14
43	A genetic analysis of Trichuris trichiura and Trichuris suis from Ecuador. *Parasites and Vectors*, **2015**, 8, 168	4	19
42	Serum antibody responses in pigs trickle-infected with Ascaris and Trichuris: Heritabilities and associations with parasitological findings. *Veterinary Parasitology*, **2015**, 211, 306-11	2.8	8
41	Anthelmintic activity of trans-cinnamaldehyde and A- and B-type proanthocyanidins derived from cinnamon (Cinnamomum verum). *Scientific Reports*, **2015**, 5, 14791	4.9	43

40	Human Trichuriasis: Whipworm Genetics, Phylogeny, Transmission and Future Research Directions. *Current Tropical Medicine Reports*, **2015**, 2, 209-217	5	20
39	Secretion of RNA-Containing Extracellular Vesicles by the Porcine Whipworm, Trichuris suis. *Journal of Parasitology*, **2015**, 101, 336-40	0.9	50
38	Mitochondrial Genome Analyses Suggest Multiple Trichuris Species in Humans, Baboons, and Pigs from Different Geographical Regions. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0004059	4.8	31
37	Molecular epidemiology of ascariasis: a global perspective on the transmission dynamics of Ascaris in people and pigs. *Journal of Infectious Diseases*, **2014**, 210, 932-41	7	85
36	Genome and transcriptome of the porcine whipworm Trichuris suis. *Nature Genetics*, **2014**, 46, 701-6	36.3	77
35	Uptake of benzimidazoles by Trichuris suis in vivo in pigs. *International Journal for Parasitology: Drugs and Drug Resistance*, **2014**, 4, 112-7	4	12
34	Functional study of a genetic marker allele associated with resistance to Ascaris suum in pigs. *Parasitology*, **2014**, 141, 777-87	2.7	6
33	Trichuris suis and Oesophagostomum dentatum show different sensitivity and accumulation of fenbendazole, albendazole and levamisole in vitro. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2752	4.8	13
32	Genetic variations in the beta-tubulin gene and the internal transcribed spacer 2 region of Trichuris species from man and baboons. *Parasites and Vectors*, **2013**, 6, 236	4	20
31	DNA of Dientamoeba fragilis detected within surface-sterilized eggs of Enterobius vermicularis. *Experimental Parasitology*, **2013**, 133, 57-61	2.1	29
30	Warble infestations by Hypoderma tarandi (Diptera; Oestridae) recorded for the first time in West Greenland muskoxen. *International Journal for Parasitology: Parasites and Wildlife*, **2013**, 2, 214-6	2.6	3
29	Genetic variation in codons 167, 198 and 200 of the beta-tubulin gene in whipworms (Trichuris spp.) from a range of domestic animals and wildlife. *Veterinary Parasitology*, **2013**, 193, 141-9	2.8	17
28	From the Twig Tips to the Deeper Branches **2013**, 265-285		5
27	Impact of Ascaris suum in Livestock **2013**, 363-381		15
26	Genetic variation in mitochondrial DNA among Enterobius vermicularis in Denmark. *Parasitology*, **2013**, 140, 109-14	2.7	9
25	Population dynamics of Ascaridia galli following single infection in young chickens. *Parasitology*, **2013**, 140, 1078-84	2.7	14
24	Is supplementary bead beating for DNA extraction from nematode eggs by use of the NucliSENS easyMag protocol necessary?. *Journal of Clinical Microbiology*, **2013**, 51, 1345-7	9.7	23
23	Mitochondrial and nuclear ribosomal DNA evidence supports the existence of a new Trichuris species in the endangered franÞisUeaf-monkey. *PLoS ONE*, **2013**, 8, e66249	3.7	32

22	Detection of a quantitative trait locus associated with resistance to Ascaris suum infection in pigs. *International Journal for Parasitology*, **2012**, 42, 383-91	4.3	12
21	Localization of Ascaridia galli larvae in the jejunum of chickens 3 days post infection. *Veterinary Parasitology*, **2012**, 185, 186-93	2.8	23
20	Genetic analysis of Trichuris suis and Trichuris trichiura recovered from humans and pigs in a sympatric setting in Uganda. *Veterinary Parasitology*, **2012**, 188, 68-77	2.8	64
19	Ascaridia galli in chickens: intestinal localization and comparison of methods to isolate the larvae within the first week of infection. *Parasitology Research*, **2012**, 111, 2273-9	2.4	20
18	Evaluation of a serodiagnostic test using Ascaris suum haemoglobin for the detection of roundworm infections in pig populations. *Veterinary Parasitology*, **2012**, 189, 267-73	2.8	32
17	Genetic diversity of Ascaris in southwestern Uganda. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2012**, 106, 75-83	2	17
16	Clear genetic distinctiveness between human- and pig-derived Trichuris based on analyses of mitochondrial datasets. *PLoS Neglected Tropical Diseases*, **2012**, 6, e1539	4.8	87
15	Zoonotic ascariasis, United Kingdom. *Emerging Infectious Diseases*, **2011**, 17, 1964-6	10.2	28
14	The transcriptome of Trichuris suis--first molecular insights into a parasite with curative properties for key immune diseases of humans. *PLoS ONE*, **2011**, 6, e23590	3.7	40
13	Ascaris suum draft genome. *Nature*, **2011**, 479, 529-33	50.4	217
12	Prevalence of gastrointestinal nematodes in growing pigs in Kabale District in Uganda. *Tropical Animal Health and Production*, **2011**, 43, 567-72	1.7	37
11	Molecular and parasitological tools for the study of Ascaridia galli population dynamics in chickens. *Avian Pathology*, **2010**, 39, 81-5	2.4	22
10	Molecular evidence for sustained transmission of zoonotic Ascaris suum among zoo chimpanzees (Pan troglodytes). *Veterinary Parasitology*, **2010**, 171, 273-6	2.8	26
9	Multiplex PCR on single unembryonated Ascaris (roundworm) eggs. *Parasitology Research*, **2009**, 104, 939-43	2.4	21
8	Albendazole and mebendazole have low efficacy against Trichuristrichiura in school-age children in Kabale District, Uganda. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2009**, 103, 443-6	2	34
7	Population dynamics of Ascaris suum in trickle-infected pigs. *Journal of Parasitology*, **2009**, 95, 1048-53	0.9	26
6	A novel technique for identification of Ascaris suum cohorts in pigs. *Veterinary Parasitology*, **2008**, 154, 171-4	2.8	6
5	Molecular evidence for the infection of zoo chimpanzees by pig Ascaris. *Veterinary Parasitology*, **2006**, 139, 203-10	2.8	19

4	Population structure in Ascaris suum (Nematoda) among domestic swine in Denmark as measured by whole genome DNA fingerprinting. *Hereditas*, **2005**, 142, 7-14	2.4	30
3	Ascariasis is a zoonosis in denmark. *Journal of Clinical Microbiology*, **2005**, 43, 1142-8	9.7	113
2	Population genomics of ancient and modern Trichuris trichiura		1
1	AFM-based High-Throughput Nanomechanical Screening of Single Extracellular Vesicles		3