Christine A Petersen

List of Publications by Year
in descending order

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83 papers	2,729 citations	201575 27 h-index	197736 49 g-index
89 all docs	89 docs citations	89 times ranked	3331 citing authors

#	Article	IF	Citations
1	Transmission and Epidemiology of Zoonotic Protozoal Diseases of Companion Animals. Clinical Microbiology Reviews, 2013, 26, 58-85.	5.7	213
2	Kruppel-like factor 15 is a regulator of cardiomyocyte hypertrophy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7074-7079.	3.3	186
3	Novel PI 3-kinase-dependent mechanisms of trypanosome invasion and vacuole maturation. Journal of Cell Science, 2003, 116, 3611-3622.	1.2	165
4	Programmed Death 1â€“Mediated T Cell Exhaustion during Visceral Leishmaniasis Impairs Phagocyte Function. Journal of Immunology, 2013, 191, 5542-5550.	0.4	158
5	MACROPHAGE KILLING OF LEISHMANIA AMAZONENSIS AMASTIGOTES REQUIRES BOTH NITRIC OXIDE AND SUPEROXIDE. American Journal of Tropical Medicine and Hygiene, 2007, 76, 669-675.	0.6	122
6	Transplacental Transmission of Leishmania infantum as a Means for Continued Disease Incidence in North America. PLoS Neglected Tropical Diseases, 2011, 5, e1019.	1.3	110
7	Diagnostic Challenges in the Era of Canine Leishmania infantum Vaccines. Trends in Parasitology, 2017, 33, 706-717.	1.5	94
8	Leishmaniasis, an Emerging Disease Found in Companion Animals in the United States. Topics in Companion Animal Medicine, 2009, 24, 182-188.	0.4	85
9	Immunologic Indicators of Clinical Progression during CanineLeishmania infantumInfection. Vaccine Journal, 2010, 17, 267-273.	3.2	84
10	Novel Areas for Prevention and Control of Canine Leishmaniosis. Trends in Parasitology, 2017, 33, 718-730.	1.5	83
11	Canine Leishmaniasis in North America: Emerging or Newly Recognized?. Veterinary Clinics of North America - Small Animal Practice, 2009, 39, 1065-1074.	0.5	67
12	Toll-Like Receptor 2 Regulates Interleukin-1Î²-Dependent Cardiomyocyte Hypertrophy Triggered by Trypanosoma cruzi. Infection and Immunity, 2005, 73, 6974-6980.	1.0	58
13	Macrophage killing of Leishmania amazonensis amastigotes requires both nitric oxide and superoxide. American Journal of Tropical Medicine and Hygiene, 2007, 76, 669-75.	0.6	56
14	Role for Interleukin-1Î² in Trypanosoma cruzi -Induced Cardiomyocyte Hypertrophy. Infection and Immunity, 2003, 71, 4441-4447.	1.0	55
15	Regulatory IgDhi B Cells Suppress T Cell Function via IL-10 and PD-L1 during Progressive Visceral Leishmaniasis. Journal of Immunology, 2016, 196, 4100-4109.	0.4	54
16	Altered Dendritic Cell Phenotype in Response to Leishmania amazonensis Amastigote Infection Is Mediated by MAP Kinase, ERK. American Journal of Pathology, 2009, 174, 1818-1826.	1.9	52
17	Identification of broadly conserved cross-species protective Leishmania antigen and its responding CD4 ⁺ T cells. Science Translational Medicine, 2015, 7, 310ra167.	5.8	51
18	Trypanosoma cruzi Infection and Nuclear Factor Kappa B Activation Prevent Apoptosis in Cardiac Cells. Infection and Immunity, 2006, 74, 1580-1587.	1.0	49

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19	The balancing act: Immunology of leishmaniosis. Research in Veterinary Science, 2020, 130, 19-25.	0.9	44
20	Synthesis of Multivalent Tuberculosis and Leishmania-Associated Capping Carbohydrates Reveals Structure-Dependent Responses Allowing Immune Evasion. Journal of the American Chemical Society, 2010, 132, 11428-11430.	6.6	42
21	2018 AAHA Infection Control, Prevention, and Biosecurity Guidelines*. Journal of the American Animal Hospital Association, 2018, 54, 297-326.	0.5	41
22	Mild Plasmodium falciparum Malaria following an Episode of Severe Malaria Is Associated with Induction of the Interferon Pathway in Malawian Children. Infection and Immunity, 2012, 80, 1150-1155.	1.0	38
23	Activation of Autophagy and Nucleotide-Binding Domain Leucine-Rich Repeatâ€“Containing-Like Receptor Family, Pyrin Domainâ€“Containing 3 Inflammasome during Leishmania infantumâ€“Associated Glomerulonephritis. American Journal of Pathology, 2015, 185, 2105-2117.	1.9	36
24	Disseminated Leishmania infantum infection in two sibling foxhounds due to possible vertical transmission. Canadian Veterinary Journal, 2008, 49, 1005-8.	0.0	36
25	The use of kDNA minicircle subclass relative abundance to differentiate between Leishmania (L.) infantum and Leishmania (L.) amazonensis. Parasites and Vectors, 2017, 10, 239.	1.0	34
26	Immunologic progression of canine leishmaniosis following vertical transmission in United States dogs. Veterinary Immunology and Immunopathology, 2016, 169, 34-38.	0.5	32
27	Recovery of antigen-specific T cell responses from dogs infected with Leishmania (L.) infantum by use of vaccine associated TLR-agonist adjuvant. Vaccine, 2016, 34, 5225-5234.	1.7	31
28	Pathogen-Derived Oligosaccharides Improve Innate Immune Response to Intracellular Parasite Infection. American Journal of Pathology, 2011, 179, 1329-1337.	1.9	30
29	Vectorborne Transmission ofLeishmania infantumfrom Hounds, United States. Emerging Infectious Diseases, 2015, 21, 2209-2212.	2.0	29
30	Comorbid infections induce progression of visceral leishmaniasis. Parasites and Vectors, 2019, 12, 54.	1.0	29
31	Chronic infection by Leishmania amazonensis mediated through MAPK ERK mechanisms. Immunologic Research, 2014, 59, 153-165.	1.3	28
32	Early Detection ofBrucella Canisvia Quantitative Polymerase Chain Reaction Analysis. Zoonoses and Public Health, 2014, 61, 48-54.	0.9	26
33	Randomized, controlled, double-blinded field trial to assess Leishmania vaccine effectiveness as immunotherapy for canine leishmaniosis. Vaccine, 2018, 36, 6433-6441.	1.7	26
34	A Motherâ€™s Gift: Congenital Transmission of Trypanosoma and Leishmania Species. PLoS Pathogens, 2016, 12, e1005302.	2.1	26
35	Preventing Zoonotic Canine Leishmaniasis in Northeastern Brazil: Pet Attachment and Adoption of Community Leishmania Prevention. American Journal of Tropical Medicine and Hygiene, 2012, 87, 822-831.	0.6	25
36	Promotion of a Functional B Cell Germinal Center Response after Leishmania Species Co-Infection Is Associated with Lesion Resolution. American Journal of Pathology, 2012, 180, 2009-2017.	1.9	23

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37	New Means of Canine Leishmaniasis Transmission in North America: The Possibility of Transmission to Humans Still Unknown. Interdisciplinary Perspectives on Infectious Diseases, 2009, 2009, 1-5.	0.6	21
38	Vaccination against canine leishmaniasis in Brazil. International Journal for Parasitology, 2020, 50, 171-176.	1.3	20
39	Canine Brucellosis. Veterinary Clinics of North America - Small Animal Practice, 2019, 49, 763-779.	0.5	19
40	An In Vitro Model of Antibody-Enhanced Killing of the Intracellular Parasite Leishmania amazonensis. PLoS ONE, 2014, 9, e106426.	1.1	19
41	Soluble factors from Leishmania major-specific CD4+T cells and B cells limit L. amazonensis amastigote survival within infected macrophages. Microbes and Infection, 2006, 8, 2547-2555.	1.0	18
42	Domestic mammals as reservoirs for Leishmania donovani on the Indian subcontinent: Possibility and consequences on elimination. Transboundary and Emerging Diseases, 2022, 69, 268-277.	1.3	18
43	Telephone survey to investigate relationships between onychectomy or onychectomy technique and house soiling in cats. Journal of the American Veterinary Medical Association, 2016, 249, 638-643.	0.2	17
44	Semi-quantitative measurement of asymptomatic L. infantum infection and symptomatic visceral leishmaniasis in dogs using Dual-Path PlatformÂ® CVL. Applied Microbiology and Biotechnology, 2017, 101, 381-390.	1.7	17
45	Bioaerosols generated from toilet flushing in rooms of patients with Clostridioides difficile infection. Infection Control and Hospital Epidemiology, 2020, 41, 517-521.	1.0	17
46	A deficiency in the B cell response of C57BL/6 mice correlates with loss of macrophage-mediated killing of Leishmania amazonensis. International Journal for Parasitology, 2010, 40, 157-161.	1.3	16
47	Assessment of owner willingness to treat or manage diseases of dogs and cats as a guide to shelter animal adoptability. Journal of the American Veterinary Medical Association, 2013, 242, 46-53.	0.2	16
48	Targeted extracellular signal-regulated kinase activation mediated byÂLeishmania amazonensis requires MP1 scaffold. Microbes and Infection, 2014, 16, 328-336.	1.0	14
49	Maternal Leishmania infantum infection status has significant impact on leishmaniasis in offspring. PLoS Neglected Tropical Diseases, 2019, 13, e0007058.	1.3	14
50	Predominant risk factors for tick-borne co-infections in hunting dogs from the USA. Parasites and Vectors, 2020, 13, 247.	1.0	14
51	First Report of Phlebotomine Sand Flies (Diptera: Psychodidae) in Kansas and Missouri, and a PCR Method to Distinguish <I>Lutzomyia shannoni</I> From <I>Lutzomyia vexator</I>. Journal of Medical Entomology, 2012, 49, 1460-1465.	0.9	13
52	Safety Analysis of Leishmania Vaccine Used in a Randomized Canine Vaccine/Immunotherapy Trial. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1332-1338.	0.6	13
53	Leishmania incidence and prevalence in U.S. hunting hounds maintained via vertical transmission. Veterinary Parasitology: Regional Studies and Reports, 2017, 10, 75-81.	0.3	12
54	Leishmania infantum xenodiagnosis from vertically infected dogs reveals significant skin tropism. PLoS Neglected Tropical Diseases, 2021, 15, e0009366.	1.3	11

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55	Neurological manifestations of human leishmaniasis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 114, 193-198.	1.0	10
56	Detection and identification of blood-borne infections in dogs in Nigeria using light microscopy and the polymerase chain reaction. Veterinary Parasitology: Regional Studies and Reports, 2018, 11, 55-60.	0.3	9
57	Frequent Exposure to Many Hunting Dogs Significantly Increases Tick Exposure. Vector-Borne and Zoonotic Diseases, 2018, 18, 519-523.	0.6	9
58	Impact of different Leishmania reservoirs on sand fly transmission: Perspectives from xenodiagnosis and other one health observations. Veterinary Parasitology, 2020, 287, 109237.	0.7	9
59	A randomized control trial evaluating efficacy of antimicrobial impregnated hospital privacy curtains in an intensive care setting. American Journal of Infection Control, 2020, 48, 862-868.	1.1	9
60	Epidemiology of Vector-Borne Pathogens Among U.S. Government Working Dogs. Vector-Borne and Zoonotic Diseases, 2021, 21, 358-368.	0.6	9
61	Acidâ€Triggered Degradable Reagents for Differentiation of Adaptive and Innate Immune Responses to Leishmaniaâ€Associated Sugars. Angewandte Chemie - International Edition, 2015, 54, 9610-9613.	7.2	6
62	Bayesian compartmental model for an infectious disease with dynamic states of infection. Journal of Applied Statistics, 2019, 46, 1043-1065.	0.6	6
63	Epidemiologic, Clinical and Immunological Consequences of Co-Infections during Canine Leishmaniosis. Animals, 2021, 11, 3206.	1.0	5
64	Borrelia burgdorferi (Spirochaetales: Spirochaetaceae) Infection Prevalence and Host Associations of Ticks Found on Peromyscus spp. in Maryland. Journal of Medical Entomology, 2022, 59, 752-757.	0.9	5
65	Visceral Leishmaniasis and the Skin: Dermal Parasite Transmission to Sand Flies. Pathogens, 2022, 11, 610.	1.2	5
66	IL-2 limits IL-12 enhanced lymphocyte proliferation during Leishmania amazonensis infection. Cellular Immunology, 2011, 270, 32-39.	1.4	4
67	Design and synthesis of multivalent Î±-1,2-trimannose-linked bioerodible microparticles for applications in immune response studies of Leishmania major infection. Beilstein Journal of Organic Chemistry, 2019, 15, 623-632.	1.3	4
68	Leishmaniosis. , 2014, , 713-726.		3
69	Leishmania-Derived Trimannose Modulates the Inflammatory Response To Significantly Reduce Leishmania major-Induced Lesions. Infection and Immunity, 2018, 86, .	1.0	3
70	Could canine visceral leishmaniosis take hold in the UK?. Veterinary Record, 2019, 184, 438-440.	0.2	3
71	Canine leishmaniasis in Northern Californiaâ€"A case report. Veterinary Clinical Pathology, 2021, 50, 71-75.	0.3	3
72	Geographic Origin and Vertical Transmission of Leishmania infantum Parasites in Hunting Hounds, United States. Emerging Infectious Diseases, 2022, 28, .	2.0	3

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73	Days of Flooding Associated with Increased Risk of Influenza. Journal of Environmental and Public Health, 2022, 2022, 1-10.	0.4	3
74	Bayesian compartmental models and associated reproductive numbers for an infection with multiple transmission modes. Biometrics, 2020, 76, 711-721.	0.8	2
75	Maternal transfer of neutralizing antibodies to B. burgdorferi OspA after oral vaccination of the rodent reservoir. Vaccine, 2021, 39, 4320-4327.	1.7	2
76	COVID-19 Vaccine Uptake and Intentions Following US Food and Drug Administration Approval of the Pfizer-BioNTech COVID-19 Vaccine. JAMA Internal Medicine, 2022, 182, 678.	2.6	2
77	Response to Dantas-Torres et al. Pet attachment and voluntary community participation in canine Leishmania prevention. Trends in Parasitology, 2013, 29, 149.	1.5	1
78	Response from the authors re Bourdeau et al. 2020. Veterinary Parasitology, 2021, 293, 109409.	0.7	0
79	B Cell-Mediated Regulation of Immunity During Leishmania Infection. , 2012, , 85-98.		0
80	Reservoir Control Strategies for Leishmaniasis: Past, Present, and Future. , 2014, , 67-75.		0
81	Bayesian latent class models for identifying canine visceral leishmaniosis using diagnostic tests in the absence of a gold standard. PLoS Neglected Tropical Diseases, 2022, 16, e0010236.	1.3	0
82	Inclusion of environmentally themed search terms improves Elastic net regression nowcasts of regional Lyme disease rates. PLoS ONE, 2022, 17, e0251165.	1.1	0
83	Role of NK-Like CD8 ⁺ T Cells during Asymptomatic Borrelia burgdorferi Infection. Infection and Immunity, 2022, , e0055521.	1.0	0