

Candace K. Mathiason

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5229407/candace-k-mathiason-publications-by-year.pdf>

Version: 2024-04-28

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.

74
papers

2,586
citations

28
h-index

50
g-index

78
ext. papers

3,002
ext. citations

5.4
avg, IF

4.73
L-index

#	Paper	IF	Citations
74	Large animal models for chronic wasting disease.. <i>Cell and Tissue Research</i> , 2022 , 1	4.2	1
73	Bluetongue Research at a Crossroads: Modern Genomics Tools Can Pave the Way to New Insights.. <i>Annual Review of Animal Biosciences</i> , 2022 , 10, 303-324	13.7	
72	Detection of Chronic Wasting Disease Prions in Fetal Tissues of Free-Ranging White-Tailed Deer.. <i>Viruses</i> , 2021 , 13,	6.2	2
71	Creutzfeldt-Jakob disease in pregnancy: the use of modified RT-QuIC to determine infectivity in placental tissues. <i>Prion</i> , 2021 , 15, 107-111	2.3	1
70	Shedding and stability of CWD prion seeding activity in cervid feces. <i>PLoS ONE</i> , 2020 , 15, e0227094	3.7	23
69	Progression of chronic wasting disease in white-tailed deer analyzed by serial biopsy RT-QuIC and immunohistochemistry. <i>PLoS ONE</i> , 2020 , 15, e0228327	3.7	10
68	Dogs are resistant to prion infection, due to the presence of aspartic or glutamic acid at position 163 of their prion protein. <i>FASEB Journal</i> , 2020 , 34, 3969-3982	0.9	16
67	Ecological Dynamics Impacting Bluetongue Virus Transmission in North America. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 186	3.1	11
66	Involvement of N- and C-terminal region of recombinant cervid prion protein in its reactivity to CWD and atypical BSE prions in real-time quaking-induced conversion reaction in the presence of high concentrations of tissue homogenates. <i>Prion</i> , 2020 , 14, 283-295	2.3	1
65	detection of haematogenous prions in white-tailed deer orally dosed with low concentrations of chronic wasting disease. <i>Journal of General Virology</i> , 2020 , 101, 347-361	4.9	6
64	Maternal Influenza A Virus Infection Restricts Fetal and Placental Growth and Adversely Affects the Fetal Thymic Transcriptome. <i>Viruses</i> , 2020 , 12,	6.2	4
63	Very low oral exposure to prions of brain or saliva origin can transmit chronic wasting disease. <i>PLoS ONE</i> , 2020 , 15, e0237410	3.7	13
62	Detection of CWD in cervids by RT-QuIC assay of third eyelids. <i>PLoS ONE</i> , 2019 , 14, e0221654	3.7	16
61	Comparison of conventional, amplification and bio-assay detection methods for a chronic wasting disease inoculum pool. <i>PLoS ONE</i> , 2019 , 14, e0216621	3.7	16
60	Detection of CWD in cervids by RT-QuIC assay of third eyelids 2019 , 14, e0221654		
59	Detection of CWD in cervids by RT-QuIC assay of third eyelids 2019 , 14, e0221654		
58	Detection of CWD in cervids by RT-QuIC assay of third eyelids 2019 , 14, e0221654		

57	Detection of CWD in cervids by RT-QuIC assay of third eyelids 2019 , 14, e0221654		
56	Modified Protein Misfolding Cyclic Amplification Overcomes Real-Time Quaking-Induced Conversion Assay Inhibitors in Deer Saliva To Detect Chronic Wasting Disease Prions. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	17
55	The use of PrP transgenic to replace and reduce vertebrate hosts in the bioassay of mammalian prion infectivity. <i>F1000Research</i> , 2018 , 7, 595	3.6	
54	Comparative analysis of prions in nervous and lymphoid tissues of chronic wasting disease-infected cervids. <i>Journal of General Virology</i> , 2018 , 99, 753-758	4.9	8
53	Assessment of Chronic Wasting Disease Prion Shedding in Deer Saliva with Occupancy Modeling. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	20
52	Pathways of Prion Spread during Early Chronic Wasting Disease in Deer. <i>Journal of Virology</i> , 2017 , 91,	6.6	42
51	Infectious Prions in the Pregnancy Microenvironment of Chronic Wasting Disease-Infected ReevesR Muntjac Deer. <i>Journal of Virology</i> , 2017 , 91,	6.6	15
50	PrPC expression and prion seeding activity in the alimentary tract and lymphoid tissue of deer. <i>PLoS ONE</i> , 2017 , 12, e0183927	3.7	13
49	PrPSc formation and clearance as determinants of prion tropism. <i>PLoS Pathogens</i> , 2017 , 13, e1006298	7.6	22
48	Scrapie, CWD, and Transmissible Mink Encephalopathy. <i>Progress in Molecular Biology and Translational Science</i> , 2017 , 150, 267-292	4	12
47	Chronic wasting disease prion infection of differentiated neurospheres. <i>Prion</i> , 2017 , 11, 277-283	2.3	4
46	Detection of chronic wasting disease prion seeding activity in deer and elk feces by real-time quaking-induced conversion. <i>Journal of General Virology</i> , 2017 , 98, 1953-1962	4.9	20
45	Intra-host mathematical model of chronic wasting disease dynamics in deer (<i>Odocoileus</i>). <i>Prion</i> , 2016 , 10, 377-390	2.3	2
44	Detection and Quantification of CWD Prions in Fixed Paraffin Embedded Tissues by Real-Time Quaking-Induced Conversion. <i>Scientific Reports</i> , 2016 , 6, 25098	4.9	22
43	Enhanced prion detection in biological samples by magnetic particle extraction and real-time quaking-induced conversion. <i>Journal of General Virology</i> , 2016 , 97, 2023-2029	4.9	27
42	Bioassay of prion-infected blood plasma in PrP transgenic <i>Drosophila</i> . <i>Biochemical Journal</i> , 2016 , 473, 4399-4412	3.8	10
41	Aspects of the husbandry and management of captive cervids. <i>Lab Animal</i> , 2016 , 45, 140-2	0.4	2
40	Assessment of the PrPc Amino-Terminal Domain in Prion Species Barriers. <i>Journal of Virology</i> , 2016 , 90, 10752-10761	6.6	10

39	Lesion profiling and subcellular prion localization of cervid chronic wasting disease in domestic cats. <i>Veterinary Pathology</i> , 2015 , 52, 107-19	2.8	10
38	Immediate and Ongoing Detection of Prions in the Blood of Hamsters and Deer following Oral, Nasal, or Blood Inoculations. <i>Journal of Virology</i> , 2015 , 89, 7421-4	6.6	33
37	Leukoreduction and blood-borne vCJD transmission risk. <i>Current Opinion in Hematology</i> , 2015 , 22, 36-40	3.3	12
36	Insights into Chronic Wasting Disease and Bovine Spongiform Encephalopathy Species Barriers by Use of Real-Time Conversion. <i>Journal of Virology</i> , 2015 , 89, 9524-31	6.6	35
35	Longitudinal Detection of Prion Shedding in Saliva and Urine by Chronic Wasting Disease-Infected Deer by Real-Time Quaking-Induced Conversion. <i>Journal of Virology</i> , 2015 , 89, 9338-47	6.6	60
34	Mucosal immunization with an attenuated Salmonella vaccine partially protects white-tailed deer from chronic wasting disease. <i>Vaccine</i> , 2015 , 33, 726-33	4.1	44
33	Quantitative assessment of prion infectivity in tissues and body fluids by real-time quaking-induced conversion. <i>Journal of General Virology</i> , 2015 , 96, 210-219	4.9	73
32	Silent Prions and Covert Prion Transmission. <i>PLoS Pathogens</i> , 2015 , 11, e1005249	7.6	5
31	In utero transmission and tissue distribution of chronic wasting disease-associated prions in free-ranging Rocky Mountain elk. <i>Journal of General Virology</i> , 2015 , 96, 3444-3455	4.9	31
30	Transabdominal ultrasound for pregnancy diagnosis in ReevesMuntjac deer. <i>Journal of Visualized Experiments</i> , 2014 , e50855	1.6	1
29	Milk collection methods for mice and ReevesMuntjac deer. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	8
28	P4-205: MUCOSAL IMMUNIZATION TO PREVENT CHRONIC WASTING DISEASE (CWD) IN DEER 2014 , 10, P863-P863		
27	Structural effects of PrP polymorphisms on intra- and interspecies prion transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 11169-74	11.5	32
26	Susceptibility of domestic cats to chronic wasting disease. <i>Journal of Virology</i> , 2013 , 87, 1947-56	6.6	45
25	Aerosol transmission of chronic wasting disease in white-tailed deer. <i>Journal of Virology</i> , 2013 , 87, 1890-8	6.6	54
24	Mother to offspring transmission of chronic wasting disease in reevesMuntjac deer. <i>PLoS ONE</i> , 2013 , 8, e71844	3.7	58
23	Rapid antemortem detection of CWD prions in deer saliva. <i>PLoS ONE</i> , 2013 , 8, e74377	3.7	81
22	In vitro detection of prionemia in TSE-infected cervids and hamsters. <i>PLoS ONE</i> , 2013 , 8, e80203	3.7	71

21	Prion-seeding activity in cerebrospinal fluid of deer with chronic wasting disease. <i>PLoS ONE</i> , 2013 , 8, e81488	3.7	37
20	Propagation of ovine prions from "poor" transmitter scrapie isolates in ovine PrP transgenic mice. <i>Experimental and Molecular Pathology</i> , 2012 , 92, 167-74	4.4	29
19	Sensitivity of protein misfolding cyclic amplification versus immunohistochemistry in ante-mortem detection of chronic wasting disease. <i>Journal of General Virology</i> , 2012 , 93, 1141-1150	4.9	24
18	Detection of chronic wasting disease prions in salivary, urinary, and intestinal tissues of deer: potential mechanisms of prion shedding and transmission. <i>Journal of Virology</i> , 2011 , 85, 6309-18	6.6	97
17	B cells and platelets harbor prion infectivity in the blood of deer infected with chronic wasting disease. <i>Journal of Virology</i> , 2010 , 84, 5097-107	6.6	68
16	Prion strain mutation determined by prion protein conformational compatibility and primary structure. <i>Science</i> , 2010 , 328, 1154-8	33.3	168
15	Infectious prions in pre-clinical deer and transmission of chronic wasting disease solely by environmental exposure. <i>PLoS ONE</i> , 2009 , 4, e5916	3.7	143
14	Detection of sub-clinical CWD infection in conventional test-negative deer long after oral exposure to urine and feces from CWD+ deer. <i>PLoS ONE</i> , 2009 , 4, e7990	3.7	92
13	Experimental chronic wasting disease (CWD) in the ferret. <i>Journal of Comparative Pathology</i> , 2008 , 138, 189-96	1	41
12	Molecular and transmission characteristics of primary-passaged ovine scrapie isolates in conventional and ovine PrP transgenic mice. <i>Journal of Virology</i> , 2008 , 82, 11197-207	6.6	41
11	Proteinase K-sensitive disease-associated ovine prion protein revealed by conformation-dependent immunoassay. <i>Biochemical Journal</i> , 2007 , 401, 475-83	3.8	70
10	Infectious prions in the saliva and blood of deer with chronic wasting disease. <i>Science</i> , 2006 , 314, 133-6	33.3	376
9	Re-examination of feline leukemia virus: host relationships using real-time PCR. <i>Virology</i> , 2005 , 332, 272-88	3.8	77
8	Characterization of a highly pathogenic molecular clone of feline immunodeficiency virus clade C. <i>Journal of Virology</i> , 2004 , 78, 8971-82	6.6	37
7	Transmission of prions from mule deer and elk with chronic wasting disease to transgenic mice expressing cervid PrP. <i>Journal of Virology</i> , 2004 , 78, 13345-50	6.6	151
6	Kinetics of early FIV infection in cats exposed via the vaginal versus intravenous route. <i>AIDS Research and Human Retroviruses</i> , 2002 , 18, 217-26	1.6	19
5	Immunohistochemical localization of feline immunodeficiency virus using native species antibodies. <i>American Journal of Pathology</i> , 2002 , 161, 1143-51	5.8	18
4	Feline immunodeficiency virus Gag- and Env-specific immune responses after vaginal versus intravenous infection. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 1767-78	1.6	19

3	In vivo monocyte tropism of pathogenic feline immunodeficiency viruses. <i>Journal of Virology</i> , 1999 , 73, 6852-61	6.6	40
2	Cross virus neutralizing antibodies against feline immunodeficiency virus genotypes A, B, C, D and E. <i>Archives of Virology</i> , 1998 , 143, 157-62	2.6	10
1	Reversal of feline leukemia virus infection by adoptive transfer of lectin/interleukin-2-activated lymphocytes, interferon-alpha, and zidovudine. <i>Journal of Immunotherapy</i> , 1993 , 14, 22-32	5	10