

Mark D Zabel

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,495
citations

411340

20
h-index

355658

38
g-index

41
all docs

41
docs citations

41
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-specific biochemical differences between chronic wasting disease prions isolated from free-ranging white-tailed deer (<i>Odocoileus virginianus</i>). <i>Journal of Biological Chemistry</i> , 2022, 298, 101834.	1.6	1
2	Transforming research through collaboration. <i>American Journal of Veterinary Research</i> , 2022, 83, .	0.3	0
3	siRNA Therapeutics for Protein Misfolding Diseases of the Central Nervous System. <i>Methods in Molecular Biology</i> , 2021, 2282, 377-394.	0.4	2
4	PrPC knockdown by liposome-siRNA-peptide complexes (LSPCs) prolongs survival and normal behavior of prion-infected mice immunotolerant to treatment. <i>PLoS ONE</i> , 2019, 14, e0219995.	1.1	16
5	Chronic Wasting Disease in Cervids: Implications for Prion Transmission to Humans and Other Animal Species. <i>MBio</i> , 2019, 10, .	1.8	62
6	Lipopeptide Delivery of siRNA to the Central Nervous System. <i>Methods in Molecular Biology</i> , 2019, 1943, 389-403.	0.4	4
7	<i>De Novo</i> Generation of a Unique Cervid Prion Strain Using Protein Misfolding Cyclic Amplification. <i>MSphere</i> , 2017, 2, .	1.3	10
8	Endogenous Brain Lipids Inhibit Prion Amyloid Formation <i>In Vitro</i> . <i>Journal of Virology</i> , 2017, 91, .	1.5	27
9	Pathways of Prion Spread during Early Chronic Wasting Disease in Deer. <i>Journal of Virology</i> , 2017, 91, .	1.5	55
10	The Ecology of Prions. <i>Microbiology and Molecular Biology Reviews</i> , 2017, 81, .	2.9	27
11	Complement Regulatory Protein Factor H Is a Soluble Prion Receptor That Potentiates Peripheral Prion Pathogenesis. <i>Journal of Immunology</i> , 2017, 199, 3821-3827.	0.4	9
12	Relative Impact of Complement Receptors CD21/35 (Cr2/1) on Scrapie Pathogenesis in Mice. <i>MSphere</i> , 2017, 2, .	1.3	11
13	Clay Components in Soil Dictate Environmental Stability and Bioavailability of Cervid Prions in Mice. <i>Frontiers in Microbiology</i> , 2016, 7, 1885.	1.5	16
14	Dietary magnesium and copper affect survival time and neuroinflammation in chronic wasting disease. <i>Prion</i> , 2016, 10, 228-250.	0.9	9
15	Delivery of Therapeutic siRNA to the CNS Using Cationic and Anionic Liposomes. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	16
16	Detection and Quantification of CWD Prions in Fixed Paraffin Embedded Tissues by Real-Time Quaking-Induced Conversion. <i>Scientific Reports</i> , 2016, 6, 25098.	1.6	27
17	Prion Amplification and Hierarchical Bayesian Modeling Refine Detection of Prion Infection. <i>Scientific Reports</i> , 2015, 5, 8358.	1.6	6
18	Prionsâ€™ Not Your Immunologistâ€™s Pathogen. <i>PLoS Pathogens</i> , 2015, 11, e1004624.	2.1	12

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19	A brief history of prions. <i>Pathogens and Disease</i> , 2015, 73, ftv087.	0.8	49
20	Amyloid- β and Proinflammatory Cytokines Utilize a Prion Protein-Dependent Pathway to Activate NADPH Oxidase and Induce Cofilin-Actin Rods in Hippocampal Neurons. <i>PLoS ONE</i> , 2014, 9, e95995.	1.1	58
21	Lipopeptide Delivery of siRNA to the Central Nervous System. <i>Methods in Molecular Biology</i> , 2013, 948, 251-262.	0.4	7
22	Complement protein C3 exacerbates prion disease in a mouse model of chronic wasting disease. <i>International Immunology</i> , 2013, 25, 697-702.	1.8	22
23	Intranasal Inoculation of White-Tailed Deer (<i>Odocoileus virginianus</i>) with Lyophilized Chronic Wasting Disease Prion Particulate Complexed to Montmorillonite Clay. <i>PLoS ONE</i> , 2013, 8, e62455.	1.1	40
24	Estimating Prion Adsorption Capacity of Soil by BioAssay of Subtracted Infectivity from Complex Solutions (BASICS). <i>PLoS ONE</i> , 2013, 8, e58630.	1.1	9
25	Detection of prion protein in the cerebrospinal fluid of elk (<i>Cervus canadensis nelsoni</i>) with chronic wasting disease using protein misfolding cyclic amplification. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 746-749.	0.5	17
26	DETECTION OF PrPCWD IN FECES FROM NATURALLY EXPOSED ROCKY MOUNTAIN ELK (<i>CERVUS ELAPHUS</i>) Tj ETQq0 0 0 rgBT /Overloc 425-434.	0.3	62
27	Genetic Depletion of Complement Receptors CD21/35 Prevents Terminal Prion Disease in a Mouse Model of Chronic Wasting Disease. <i>Journal of Immunology</i> , 2012, 189, 4520-4527.	0.4	30
28	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.	1.3	34
29	Incunabular Immunological Events in Prion Trafficking. <i>Scientific Reports</i> , 2012, 2, 440.	1.6	32
30	Monitoring Immune Cells Trafficking Fluorescent Prion Rods Hours after Intraperitoneal Infection. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	6
31	Liposome-siRNA-Peptide Complexes Cross the Blood-Brain Barrier and Significantly Decrease PrPC on Neuronal Cells and PrPRES in Infected Cell Cultures. <i>PLoS ONE</i> , 2010, 5, e11085.	1.1	73
32	Detection of protease-resistant cervid prion protein in water from a CWD-endemic area. <i>Prion</i> , 2009, 3, 171-183.	0.9	104
33	Trans-species amplification of PrPCWD and correlation with rigid loop 170N. <i>Virology</i> , 2009, 387, 235-243.	1.1	72
34	Perturbation of T β cell development by insertional mutation of a PrP transgene. <i>Immunology</i> , 2009, 127, 226-236.	2.0	7
35	Detection of CWD Prions in Urine and Saliva of Deer by Transgenic Mouse Bioassay. <i>PLoS ONE</i> , 2009, 4, e4848.	1.1	198
36	In vitro strain adaptation of CWD prions by serial protein misfolding cyclic amplification. <i>Virology</i> , 2008, 382, 267-276.	1.1	72

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37	Expression of CD21/35 on Follicular Dendritic Cells Expedites Peripheral Prion Accumulation And Neuroinvasion. FASEB Journal, 2008, 22, 673.7.	0.2	0
38	Stromal Complement Receptor CD21/35 Facilitates Lymphoid Prion Colonization and Pathogenesis. Journal of Immunology, 2007, 179, 6144-6152.	0.4	66
39	Efficient In Vitro Amplification of Chronic Wasting Disease PrP RES. Journal of Virology, 2007, 81, 9605-9608.	1.5	87
40	Complement Receptors CD21/35 Link Innate and Protective Immunity during Streptococcus pneumoniae Infection by Regulating IgG3 Antibody Responses. Immunity, 2002, 17, 713-723.	6.6	140