

Jifeng Bian

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

500
citations

686830

13
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive selection of a prion strain conformer corresponding to established North American CWD during propagation of novel emergent Norwegian strains in mice expressing elk or deer prion protein. <i>PLoS Pathogens</i> , 2021, 17, e1009748.	2.1	30
2	Incomplete glycosylation during prion infection unmask a prion protein epitope that facilitates prion detection and strain discrimination. <i>Journal of Biological Chemistry</i> , 2020, 295, 10420-10433.	1.6	15
3	Prion disease is accelerated in mice lacking stress-induced heat shock protein 70 (HSP70). <i>Journal of Biological Chemistry</i> , 2019, 294, 13619-13628.	1.6	23
4	Primary structural differences at residue 226 of deer and elk PrP dictate selection of distinct CWD prion strains in gene-targeted mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12478-12487.	3.3	40
5	Unique Structural Features of Mule Deer Prion Protein Provide Insights into Chronic Wasting Disease. <i>ACS Omega</i> , 2019, 4, 19913-19924.	1.6	5
6	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.	1.3	16
7	Prion replication without host adaptation during interspecies transmissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1141-1146.	3.3	45
8	PrPC expression and prion seeding activity in the alimentary tract and lymphoid tissue of deer. <i>PLoS ONE</i> , 2017, 12, e0183927.	1.1	19
9	Insights into Chronic Wasting Disease and Bovine Spongiform Encephalopathy Species Barriers by Use of Real-Time Conversion. <i>Journal of Virology</i> , 2015, 89, 9524-9531.	1.5	45
10	Quinacrine promotes replication and conformational mutation of chronic wasting disease prions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6028-6033.	3.3	53
11	Brain injury-induced proteolysis is reduced in a novel calpastatin-overexpressing transgenic mouse. <i>Journal of Neurochemistry</i> , 2013, 125, 909-920.	2.1	26
12	Epigenetic Dominance of Prion Conformers. <i>PLoS Pathogens</i> , 2013, 9, e1003692.	2.1	24
13	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
14	Characterization of Conformation-dependent Prion Protein Epitopes. <i>Journal of Biological Chemistry</i> , 2012, 287, 37219-37232.	1.6	28
15	In Vitro Amplification of Misfolded Prion Protein Using Lysate of Cultured Cells. <i>PLoS ONE</i> , 2011, 6, e18047.	1.1	22
16	Cell-Based Quantification of Chronic Wasting Disease Prions. <i>Journal of Virology</i> , 2010, 84, 8322-8326.	1.5	69