

Jifeng Bian

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

500
citations

687363

13
h-index

940533

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. PLoS Pathogens, 2021, 17, e1009748.	4.7	30
2	Incomplete glycosylation during prion infection unmasks a prion protein epitope that facilitates prion detection and strain discrimination. Journal of Biological Chemistry, 2020, 295, 10420-10433.	3.4	15
3	Prion disease is accelerated in mice lacking stress-induced heat shock protein 70 (HSP70). Journal of Biological Chemistry, 2019, 294, 13619-13628.	3.4	23
4	Primary structural differences at residue 226 of deer and elk PrP dictate selection of distinct CWD prion strains in gene-targeted mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12478-12487.	7.1	40
5	Unique Structural Features of Mule Deer Prion Protein Provide Insights into Chronic Wasting Disease. ACS Omega, 2019, 4, 19913-19924.	3.5	5
6	Comparative analysis of prions in nervous and lymphoid tissues of chronic wasting disease-infected cervids. Journal of General Virology, 2018, 99, 753-758.	2.9	16
7	Prion replication without host adaptation during interspecies transmissions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1141-1146.	7.1	45
8	PrPC expression and prion seeding activity in the alimentary tract and lymphoid tissue of deer. PLoS ONE, 2017, 12, e0183927.	2.5	19
9	Insights into Chronic Wasting Disease and Bovine Spongiform Encephalopathy Species Barriers by Use of Real-Time Conversion. Journal of Virology, 2015, 89, 9524-9531.	3.4	45
10	Quinacrine promotes replication and conformational mutation of chronic wasting disease prions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6028-6033.	7.1	53
11	Brain injury-induced proteolysis is reduced in a novel calpastatin-overexpressing transgenic mouse. Journal of Neurochemistry, 2013, 125, 909-920.	3.9	26
12	Epigenetic Dominance of Prion Conformers. PLoS Pathogens, 2013, 9, e1003692.	4.7	24
13	Intranasal Inoculation of White-Tailed Deer (<i>Odocoileus virginianus</i>) with Lyophilized Chronic Wasting Disease Prion Particulate Complexed to Montmorillonite Clay. PLoS ONE, 2013, 8, e62455.	2.5	40
14	Characterization of Conformation-dependent Prion Protein Epitopes. Journal of Biological Chemistry, 2012, 287, 37219-37232.	3.4	28
15	In Vitro Amplification of Misfolded Prion Protein Using Lysate of Cultured Cells. PLoS ONE, 2011, 6, e18047.	2.5	22
16	Cell-Based Quantification of Chronic Wasting Disease Prions. Journal of Virology, 2010, 84, 8322-8326.	3.4	69