

# Jifeng Bian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/879921/publications.pdf>

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	Cell-Based Quantification of Chronic Wasting Disease Prions. <i>Journal of Virology</i> , 2010, 84, 8322-8326.	3.4	69
2	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.	7.1	53
3	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.	3.4	45
4	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.	7.1	45
5	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.	2.5	40
6	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.	7.1	40
7	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.	4.7	30
8	Characterization of Conformation-dependent Prion Protein Epitopes. <i>Journal of Biological Chemistry</i> , 2012, 287, 37219-37232.	3.4	28
9	Brain injury-induced proteolysis is reduced in a novel calpastatin-overexpressing transgenic mouse. <i>Journal of Neurochemistry</i> , 2013, 125, 909-920.	3.9	26
10	Epigenetic Dominance of Prion Conformers. <i>PLoS Pathogens</i> , 2013, 9, e1003692.	4.7	24
11	Prion disease is accelerated in mice lacking stress-induced heat shock protein 70 (HSP70). <i>Journal of Biological Chemistry</i> , 2019, 294, 13619-13628.	3.4	23
12	In Vitro Amplification of Misfolded Prion Protein Using Lysate of Cultured Cells. <i>PLoS ONE</i> , 2011, 6, e18047.	2.5	22
13	PrPC expression and prion seeding activity in the alimentary tract and lymphoid tissue of deer. <i>PLoS ONE</i> , 2017, 12, e0183927.	2.5	19
14	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.	2.9	16
15	Incomplete glycosylation during prion infection unmasks a prion protein epitope that facilitates prion detection and strain discrimination. <i>Journal of Biological Chemistry</i> , 2020, 295, 10420-10433.	3.4	15
16	Unique Structural Features of Mule Deer Prion Protein Provide Insights into Chronic Wasting Disease. <i>ACS Omega</i> , 2019, 4, 19913-19924.	3.5	5