

Prions and the Potential Transmissibility of Protein Mis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Shadoo binds lipid membranes and undergoes aggregation and fibrillization. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 519-525.	1.0	10
2	Accelerated, Spleen-Based Titration of Variant Creutzfeldt-Jakob Disease Infectivity in Transgenic Mice Expressing Human Prion Protein with Sensitivity Comparable to That of Survival Time Bioassay. <i>Journal of Virology</i> , 2014, 88, 8678-8686.	1.5	25
3	Prions of Vertebrates. <i>Prion</i> , 2014, 8, 60-66.	0.9	77
4	The Structure of Human Prions: From Biology to Structural Models—Considerations and Pitfalls. <i>Viruses</i> , 2014, 6, 3875-3892.	1.5	43
5	Conformational Stability of Mammalian Prion Protein Amyloid Fibrils Is Dictated by a Packing Polymorphism within the Core Region. <i>Journal of Biological Chemistry</i> , 2014, 289, 2643-2650.	1.6	46
6	G-quadruplexes within prion mRNA: the missing link in prion disease?. <i>Nucleic Acids Research</i> , 2014, 42, 9327-9333.	6.5	23
7	Negative Purifying Selection Drives Prion and Doppel Protein Evolution. <i>Journal of Molecular Evolution</i> , 2014, 79, 12-20.	0.8	6
8	Deciphering aggregates, prefibrillar oligomers and protofibrils of cytochrome c. <i>Amino Acids</i> , 2014, 46, 1839-1851.	1.2	18
9	Parallel In-register Intermolecular β -Sheet Architectures for Prion-seeded Prion Protein (PrP) Amyloids. <i>Journal of Biological Chemistry</i> , 2014, 289, 24129-24142.	1.6	157
10	Prion, prionoids and infectious amyloid. <i>Parkinsonism and Related Disorders</i> , 2014, 20, S80-S84.	1.1	10
11	Protocol for further laboratory investigations into the distribution of infectivity of Atypical BSE. <i>EFSA Journal</i> , 2014, 12, 3798.	0.9	16
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14	Detection and Discrimination of Classical and Atypical L-Type Bovine Spongiform Encephalopathy by Real-Time Quaking-Induced Conversion. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1115-1120.	1.8	49
15	Camelid single-domain antibody fragments: Uses and prospects to investigate protein misfolding and aggregation, and to treat diseases associated with these phenomena. <i>Biochimie</i> , 2015, 111, 82-106.	1.3	35
16	Yeast Prions: Structure, Biology, and Prion-Handling Systems. <i>Microbiology and Molecular Biology Reviews</i> , 2015, 79, 1-17.	2.9	123
17	The role of copper ions in pathophysiology and fluorescent sensors for the detection thereof. <i>Chemical Communications</i> , 2015, 51, 5556-5571.	2.2	104

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19	Charge Neutralization of the Central Lysine Cluster in Prion Protein (PrP) Promotes PrP ^{Sc} -like Folding of Recombinant PrP Amyloids. <i>Journal of Biological Chemistry</i> , 2015, 290, 1119-1128.	1.6	42
20	Yeast Prions: Proteins Templating Conformation and an Anti-prion System. <i>PLoS Pathogens</i> , 2015, 11, e1004584.	2.1	8
21	Animal models for prion-like diseases. <i>Virus Research</i> , 2015, 207, 5-24.	1.1	10
22	Common Mechanisms in Neurodegenerative Diseases. , 2015, , 183-200.		1
23	From static to dynamic: the need for structural ensembles and a predictive model of RNA folding and function. <i>Current Opinion in Structural Biology</i> , 2015, 30, 125-133.	2.6	36
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26	Factors That Improve RT-QuIC Detection of Prion Seeding Activity. <i>Viruses</i> , 2016, 8, 140.	1.5	67
27	Prion Strain Differences in Accumulation of PrP ^{Sc} on Neurons and Glia Are Associated with Similar Expression Profiles of Neuroinflammatory Genes: Comparison of Three Prion Strains. <i>PLoS Pathogens</i> , 2016, 12, e1005551.	2.1	74
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30	Novel Dimer Compounds That Bind α -Synuclein Can Rescue Cell Growth in a Yeast Model Overexpressing α -Synuclein. A Possible Prevention Strategy for Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1671-1680.	1.7	11
31	Strain conformation controls the specificity of cross-species prion transmission in the yeast model. <i>Prion</i> , 2016, 10, 269-282.	0.9	5
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33	Mammalian prions and their wider relevance in neurodegenerative diseases. <i>Nature</i> , 2016, 539, 217-226.	13.7	193
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35	<i>Ex vivo</i> mammalian prions are formed of paired double helical prion protein fibrils. <i>Open Biology</i> , 2016, 6, 160035.	1.5	55
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39	Species-dependent structural polymorphism of Y145Stop prion protein amyloid revealed by solid-state NMR spectroscopy. <i>Nature Communications</i> , 2017, 8, 753.	5.8	59
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49	<i>Hermes</i> Transposon Mutagenesis Shows [URE3] Prion Pathology Prevented by a Ubiquitin-Targeting Protein: Evidence for Carbon/Nitrogen Assimilation Cross Talk and a Second Function for Ure2p in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2018, 209, 789-800.	1.2	18
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51	Transmissibility versus Pathogenicity of Self-Propagating Protein Aggregates. <i>Viruses</i> , 2019, 11, 1044.	1.5	24
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66	Role of the central lysine cluster and scrapie templating in the transmissibility of synthetic prion protein aggregates. <i>PLoS Pathogens</i> , 2017, 13, e1006623.	2.1	31
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