Marcelo A Barria

List of Publications by Year
in descending order

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18 papers	713 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	829 citing authors

#	Article	IF	Citations
1	Generation of a New Form of Human PrPSc in Vitro by Interspecies Transmission from Cervid Prions. Journal of Biological Chemistry, 2011, 286, 7490-7495.	3.4	110
2	De Novo Generation of Infectious Prions In Vitro Produces a New Disease Phenotype. PLoS Pathogens, 2009, 5, e1000421.	4.7	107
3	Estimating prion concentration in fluids and tissues by quantitative PMCA. Nature Methods, 2010, 7, 519-520.	19.0	106
4	TDP-43 as a potential biomarker for amyotrophic lateral sclerosis: a systematic review and meta-analysis. BMC Neurology, 2018, 18, 90.	1.8	63
5	Distribution of Misfolded Prion Protein Seeding Activity Alone Does Not Predict Regions of Neurodegeneration. PLoS Biology, 2016, 14, e1002579.	5.6	52
6	Molecular Barriers to Zoonotic Transmission of Prions. Emerging Infectious Diseases, 2014, 20, 88-97.	4.3	50
7	Susceptibility of Human Prion Protein to Conversion by Chronic Wasting Disease Prions. Emerging Infectious Diseases, 2018, 24, 1482-1489.	4.3	34
8	UK Iatrogenic Creutzfeldtâ€“Jakob disease: investigating human prion transmission across genotypic barriers using human tissue-based and molecular approaches. Acta Neuropathologica, 2017, 133, 579-595.	7.7	31
9	Exploring the zoonotic potential of animal prion diseases. Prion, 2014, 8, 85-91.	1.8	28
10	Rapid amplification of prions from variant Creutzfeldtâ€“Jakob disease cerebrospinal fluid. Journal of Pathology: Clinical Research, 2018, 4, 86-92.	3.0	26
11	Phenotypic diversity of genetic Creutzfeldtâ€“Jakob disease: a histo-molecular-based classification. Acta Neuropathologica, 2021, 142, 707-728.	7.7	24
12	The prion protein protease sensitivity, stability and seeding activity in variably protease sensitive prionopathy brain tissue suggests molecular overlaps with sporadic Creutzfeldt-Jakob disease. Acta Neuropathologica Communications, 2014, 2, 152.	5.2	23
13	Prion Diseases: A Unique Transmissible Agent or a Model for Neurodegenerative Diseases?. Biomolecules, 2021, 11, 207.	4.0	15
14	Variant CJD: Reflections a Quarter of a Century on. Pathogens, 2021, 10, 1413.	2.8	15
15	Understanding Intra-Species and Inter-Species Prion Conversion and Zoonotic Potential Using Protein Misfolding Cyclic Amplification. Frontiers in Aging Neuroscience, 2021, 13, 716452.	3.4	10
16	Genotype-dependent Molecular Evolution of Sheep Bovine Spongiform Encephalopathy (BSE) Prions in Vitro Affects Their Zoonotic Potential. Journal of Biological Chemistry, 2014, 289, 26075-26088.	3.4	8
17	Prion strains associated with iatrogenic CJD in French and UK human growth hormone recipients. Acta Neuropathologica Communications, 2021, 9, 145.	5.2	7
18	Epitope mapping of the protease resistant products of RT-QuIC does not allow the discrimination of sCJD subtypes. PLoS ONE, 2019, 14, e0218509.	2.5	4