

Brent Race

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4949500/publications.pdf>

Version: 2024-02-01

28
papers

1,465
citations

394421

19
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid End-Point Quantitation of Prion Seeding Activity with Sensitivity Comparable to Bioassays. <i>PLoS Pathogens</i> , 2010, 6, e1001217.	4.7	386
2	Susceptibilities of Nonhuman Primates to Chronic Wasting Disease. <i>Emerging Infectious Diseases</i> , 2009, 15, 1366-1376.	4.3	133
3	Fatal Transmissible Amyloid Encephalopathy: A New Type of Prion Disease Associated with Lack of Prion Protein Membrane Anchoring. <i>PLoS Pathogens</i> , 2010, 6, e1000800.	4.7	120
4	Resistance to Chronic Wasting Disease in Transgenic Mice Expressing a Naturally Occurring Allelic Variant of Deer Prion Protein. <i>Journal of Virology</i> , 2007, 81, 4533-4539.	3.4	75
5	Sporadic Creutzfeldt-Jakob disease prion infection of human cerebral organoids. <i>Acta Neuropathologica Communications</i> , 2019, 7, 90.	5.2	67
6	Inactivation of Prions and Amyloid Seeds with Hypochlorous Acid. <i>PLoS Pathogens</i> , 2016, 12, e1005914.	4.7	66
7	Microglia Are Critical in Host Defense against Prion Disease. <i>Journal of Virology</i> , 2018, 92, .	3.4	61
8	Chronic Wasting Disease Agents in Nonhuman Primates. <i>Emerging Infectious Diseases</i> , 2014, 20, 833-837.	4.3	59
9	Lack of Transmission of Chronic Wasting Disease to <i>Cynomolgus</i> Macaques. <i>Journal of Virology</i> , 2018, 92, .	3.4	56
10	Crucial Role for Prion Protein Membrane Anchoring in the Neuroinvasion and Neural Spread of Prion Infection. <i>Journal of Virology</i> , 2011, 85, 1484-1494.	3.4	51
11	Prion Seeding Activities of Mouse Scrapie Strains with Divergent PrP ^{Sc} Protease Sensitivities and Amyloid Plaque Content Using RT-QuIC and eQuIC. <i>PLoS ONE</i> , 2012, 7, e48969.	2.5	51
12	Prion Infectivity in Fat of Deer with Chronic Wasting Disease. <i>Journal of Virology</i> , 2009, 83, 9608-9610.	3.4	49
13	Cryo-EM structure of anchorless RML prion reveals variations in shared motifs between distinct strains. <i>Nature Communications</i> , 2022, 13, .	12.8	46
14	Human cerebral organoids as a therapeutic drug screening model for Creutzfeldt-Jakob disease. <i>Scientific Reports</i> , 2021, 11, 5165.	3.3	40
15	Detection of Prion Infectivity in Fat Tissues of Scrapie-Infected Mice. <i>PLoS Pathogens</i> , 2008, 4, e1000232.	4.7	28
16	Distinct patterns of spread of prion infection in brains of mice expressing anchorless or anchored forms of prion protein. <i>Acta Neuropathologica Communications</i> , 2014, 2, 8.	5.2	28
17	Transmission studies of chronic wasting disease to transgenic mice overexpressing human prion protein using the RT-QuIC assay. <i>Veterinary Research</i> , 2019, 50, 6.	3.0	26
18	Transmission of CJD from nasal brushings but not spinal fluid or RT-QuIC product. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 932-944.	3.7	23

#	ARTICLE	IF	CITATIONS
19	Increased Infectivity of Anchorless Mouse Scrapie Prions in Transgenic Mice Overexpressing Human Prion Protein. <i>Journal of Virology</i> , 2015, 89, 6022-6032.	3.4	21
20	Familial human prion diseases associated with prion protein mutations Y226X and G131V are transmissible to transgenic mice expressing human prion protein. <i>Acta Neuropathologica Communications</i> , 2018, 6, 13.	5.2	18
21	Early Generation of New PrPSc on Blood Vessels after Brain Microinjection of Scrapie in Mice. <i>MBio</i> , 2015, 6, e01419-15.	4.1	13
22	Prion protein N1 cleavage peptides stimulate microglial interaction with surrounding cells. <i>Scientific Reports</i> , 2020, 10, 6654.	3.3	13
23	Innate immune responses after stimulation with Toll-like receptor agonists in ex vivo microglial cultures and an in vivo model using mice with reduced microglia. <i>Journal of Neuroinflammation</i> , 2021, 18, 194.	7.2	11
24	Inactivation of chronic wasting disease prions using sodium hypochlorite. <i>PLoS ONE</i> , 2019, 14, e0223659.	2.5	9
25	Phosphorylated human tau associates with mouse prion protein amyloid in scrapie-infected mice but does not increase progression of clinical disease. <i>Prion</i> , 2016, 10, 319-330.	1.8	6
26	Reduction of Chronic Wasting Disease Prion Seeding Activity following Digestion by Mountain Lions. <i>MSphere</i> , 2021, 6, e0081221.	2.9	6
27	Prion-associated cerebral amyloid angiopathy is not exacerbated by human phosphorylated tau aggregates in scrapie-infected mice expressing anchorless prion protein. <i>Neurobiology of Disease</i> , 2020, 144, 105057.	4.4	2
28	Reduced SOD2 expression does not influence prion disease course or pathology in mice. <i>PLoS ONE</i> , 2021, 16, e0259597.	2.5	1