

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 | Cryo-EM structure of anchorless RML prion reveals variations in shared motifs between distinct strains. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 46 |
| 2 | Human cerebral organoids as a therapeutic drug screening model for Creutzfeldtâ€“Jakob disease. <i>Scientific Reports</i> , 2021, 11, 5165. | 3.3 | 40 |
| 3 | 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 |
| 4 | Reduced SOD2 expression does not influence prion disease course or pathology in mice. <i>PLoS ONE</i> , 2021, 16, e0259597. | 2.5 | 1 |
| 5 | Reduction of Chronic Wasting Disease Prion Seeding Activity following Digestion by Mountain Lions. <i>MSphere</i> , 2021, 6, e0081221. | 2.9 | 6 |
| 6 | 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 |
| 7 | Transmission of CJD from nasal brushings but not spinal fluid or RTâ€“QuIC product. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 932-944. | 3.7 | 23 |
| 8 | Prion protein N1 cleavage peptides stimulate microglial interaction with surrounding cells. <i>Scientific Reports</i> , 2020, 10, 6654. | 3.3 | 13 |
| 9 | Inactivation of chronic wasting disease prions using sodium hypochlorite. <i>PLoS ONE</i> , 2019, 14, e0223659. | 2.5 | 9 |
| 10 | 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 |
| 11 | Sporadic Creutzfeldt-Jakob disease prion infection of human cerebral organoids. <i>Acta Neuropathologica Communications</i> , 2019, 7, 90. | 5.2 | 67 |
| 12 | Lack of Transmission of Chronic Wasting Disease to Cynomolgus Macaques. <i>Journal of Virology</i> , 2018, 92, . | 3.4 | 56 |
| 13 | Microglia Are Critical in Host Defense against Prion Disease. <i>Journal of Virology</i> , 2018, 92, . | 3.4 | 61 |
| 14 | 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 |
| 15 | 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 |
| 16 | Inactivation of Prions and Amyloid Seeds with Hypochlorous Acid. <i>PLoS Pathogens</i> , 2016, 12, e1005914. | 4.7 | 66 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Chronic Wasting Disease Agents in Nonhuman Primates. <i>Emerging Infectious Diseases</i> , 2014, 20, 833-837. | 4.3 | 59 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Rapid End-Point Quantitation of Prion Seeding Activity with Sensitivity Comparable to Bioassays. <i>PLoS Pathogens</i> , 2010, 6, e1001217. | 4.7 | 386 |
| 25 | Susceptibilities of Nonhuman Primates to Chronic Wasting Disease. <i>Emerging Infectious Diseases</i> , 2009, 15, 1366-1376. | 4.3 | 133 |
| 26 | Prion Infectivity in Fat of Deer with Chronic Wasting Disease. <i>Journal of Virology</i> , 2009, 83, 9608-9610. | 3.4 | 49 |
| 27 | Detection of Prion Infectivity in Fat Tissues of Scrapie-Infected Mice. <i>PLoS Pathogens</i> , 2008, 4, e1000232. | 4.7 | 28 |
| 28 | 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 |