Takehiro Nakagaki

List of Publications by Year
in descending order

35	1,136	471509 17	395702 33
papers	citations	h-index	g-index

36	36	36	1435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrasensitive human prion detection in cerebrospinal fluid by real-time quaking-induced conversion. Nature Medicine, 2011, 17, 175-178.	30.7	511
2	FK506 reduces abnormal prion protein through the activation of autolysosomal degradation and prolongs survival in prion-infected mice. Autophagy, 2013, 9, 1386-1394.	9.1	78
3	Prion-Like Seeding of Misfolded Î±-Synuclein in the Brains of Dementia with Lewy Body Patients in RT-QUIC. Molecular Neurobiology, 2018, 55, 3916-3930.	4.0	55
4	Ubiquitin-specific protease 14 modulates degradation of cellular prion protein. Scientific Reports, 2015, 5, 11028.	3.3	44
5	Increased expression of p62/SQSTM1 in prion diseases and its association with pathogenic prion protein. Scientific Reports, 2014, 4, 4504.	3.3	44
6	Liquidâ€“liquid phase separation of full-length prion protein initiates conformational conversion inÂvitro. Journal of Biological Chemistry, 2021, 296, 100367.	3.4	35
7	Structure-Based Drug Discovery for Prion Disease Using a Novel Binding Simulation. EBioMedicine, 2016, 9, 238-249.	6.1	34
8	Conformational Properties of Prion Strains Can Be Transmitted to Recombinant Prion Protein Fibrils in Real-Time Quaking-Induced Conversion. Journal of Virology, 2014, 88, 11791-11801.	3.4	30
9	Protective Role of Interferon Regulatory Factor 3-Mediated Signaling against Prion Infection. Journal of Virology, 2012, 86, 4947-4955.	3.4	29
10	Structure-based drug discovery for combating influenza virus by targeting the PAâ€“PB1 interaction. Scientific Reports, 2017, 7, 9500.	3.3	27
11	A direct assessment of human prion adhered to steel wire using real-time quaking-induced conversion. Scientific Reports, 2016, 6, 24993.	3.3	25
12	Type I interferon protects neurons from prions inin vivomodels. Brain, 2019, 142, 1035-1050.	7.6	22
13	Hyperefficient PrP^{Sc} amplification of mouseâ€adapted BSE and scrapie strain by protein misfolding cyclic amplification technique. FEBS Journal, 2009, 276, 2841-2848.	4.7	21
14	Characterisation of radioiodinated flavonoid derivatives for SPECT imaging of cerebral prion deposits. Scientific Reports, 2016, 5, 18440.	3.3	21
15	Strain-Dependent Effect of Macroautophagy on Abnormally Folded Prion Protein Degradation in Infected Neuronal Cells. PLoS ONE, 2015, 10, e0137958.	2.5	21
16	Rapid and Quantitative Assay of Amyloid-Seeding Activity in Human Brains Affected with Prion Diseases. PLoS ONE, 2015, 10, e0126930.	2.5	19
17	Prion-Seeding Activity Is widely Distributed in Tissues of Sporadic Creutzfeldt-Jakob Disease Patients. EBioMedicine, 2016, 12, 150-155.	6.1	18
18	Bone marrow stroma cells are susceptible to prion infection. Biochemical and Biophysical Research Communications, 2008, 377, 957-961.	2.1	12

#	Article	IF	Citations
19	Analysis of mRNA expression for steroidogenic enzymes in the remaining adrenal cortices attached to adrenocortical adenomas.. European Journal of Endocrinology, 2008, 158, 867-878.	3.7	12
20	Development of Î±-Synuclein Real-Time Quaking-Induced Conversion as a Diagnostic Method for Î±-Synucleinopathies. Frontiers in Aging Neuroscience, 2021, 13, 703984.	3.4	12
21	Postmortem Quantitative Analysis of Prion Seeding Activity in the Digestive System. Molecules, 2019, 24, 4601.	3.8	10
22	Identification of Alprenolol Hydrochloride as an Anti-prion Compound Using Surface Plasmon Resonance Imaging. Molecular Neurobiology, 2019, 56, 367-377.	4.0	10
23	Development of radioiodinated acridine derivatives for in vivo imaging of prion deposits in the brain. Bioorganic and Medicinal Chemistry, 2017, 25, 1085-1093.	3.0	8
24	Prion protein interacts with the metabotropic glutamate receptor 1 and regulates the organization of Ca2+ signaling. Biochemical and Biophysical Research Communications, 2020, 525, 447-454.	2.1	8
25	Administration of FK506 from Late Stage of Disease Prolongs Survival of Human Prion-Inoculated Mice. Neurotherapeutics, 2020, 17, 1850-1860.	4.4	6
26	Persistent prion infection disturbs the function of Oct-1, resulting in the down-regulation of murine interferon regulatory factor-3. Scientific Reports, 2015, 4, 6006.	3.3	5
27	Development of Radioiodinated Benzofuran Derivatives for in Vivo Imaging of Prion Deposits in the Brain. ACS Infectious Diseases, 2019, 5, 2003-2013.	3.8	5
28	Detection of Prions in a Cadaver for Anatomical Practice. New England Journal of Medicine, 2022, 386, 2245-2246.	27.0	4
29	Formalin RT-QuIC assay detects prion-seeding activity in formalin-fixed brain samples from sporadic Creutzfeldtâ€“Jakob disease patients. Neurobiology of Disease, 2021, 159, 105504.	4.4	3
30	Feasibility studies of radioiodinated pyridyl benzofuran derivatives as potential SPECT imaging agents for prion deposits in the brain. Nuclear Medicine and Biology, 2020, 90-91, 41-48.	0.6	2
31	Novel Compounds Identified by Structure-Based Prion Disease Drug Discovery Using In Silico Screening Delay the Progression of an Illness in Prion-Infected Mice. Neurotherapeutics, 2020, 17, 1836-1849.	4.4	1
32	Difference in driver gene expression patterns between perihilar and peripheral intrahepatic cholangiocarcinoma in an experimental mouse model. Journal of Hepato-Biliary-Pancreatic Sciences, 2020, 27, 477-486.	2.6	1
33	Dextran sulphate inhibits an association of prions with plasma membrane at the early phase of infection. Neuroscience Research, 2021, 171, 34-40.	1.9	1
34	Ubiquitin-specific protease 14 modulates degradation of cellular prion protein. Scientific Reports, 2015, 5, .	3.3	1
35	Synthesis and Characterization of Hydroxyethylamino- and Pyridyl-Substituted 2-Vinyl Chromone Derivatives for Detection of Cerebral Abnormal Prion Protein Deposits. Chemical and Pharmaceutical Bulletin, 2022, 70, 211-219.	1.3	1