

Takehiro Nakagaki

List of Publications by Year in descending order

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35
papers

1,136
citations

471509

17
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Hydroxyethylamino- and Pyridyl-Substituted 2-Vinyl Chromone Derivatives for Detection of Cerebral Abnormal Prion Protein Deposits. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 211-219.	1.3	1
2	Detection of Prions in a Cadaver for Anatomical Practice. <i>New England Journal of Medicine</i> , 2022, 386, 2245-2246.	27.0	4
3	Development of β -Synuclein Real-Time Quaking-Induced Conversion as a Diagnostic Method for β -Synucleinopathies. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 703984.	3.4	12
4	Dextran sulphate inhibits an association of prions with plasma membrane at the early phase of infection. <i>Neuroscience Research</i> , 2021, 171, 34-40.	1.9	1
5	Formalin RT-QuIC assay detects prion-seeding activity in formalin-fixed brain samples from sporadic Creutzfeldt-Jakob disease patients. <i>Neurobiology of Disease</i> , 2021, 159, 105504.	4.4	3
6	Liquid-liquid phase separation of full-length prion protein initiates conformational conversion in <i>A</i> vitro. <i>Journal of Biological Chemistry</i> , 2021, 296, 100367.	3.4	35
7	Feasibility studies of radioiodinated pyridyl benzofuran derivatives as potential SPECT imaging agents for prion deposits in the brain. <i>Nuclear Medicine and Biology</i> , 2020, 90-91, 41-48.	0.6	2
8	Novel Compounds Identified by Structure-Based Prion Disease Drug Discovery Using In Silico Screening Delay the Progression of an Illness in Prion-Infected Mice. <i>Neurotherapeutics</i> , 2020, 17, 1836-1849.	4.4	1
9	Administration of FK506 from Late Stage of Disease Prolongs Survival of Human Prion-Inoculated Mice. <i>Neurotherapeutics</i> , 2020, 17, 1850-1860.	4.4	6
10	Difference in driver gene expression patterns between perihilar and peripheral intrahepatic cholangiocarcinoma in an experimental mouse model. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2020, 27, 477-486.	2.6	1
11	Prion protein interacts with the metabotropic glutamate receptor 1 and regulates the organization of Ca ²⁺ signaling. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 447-454.	2.1	8
12	Development of Radioiodinated Benzofuran Derivatives for <i>in Vivo</i> Imaging of Prion Deposits in the Brain. <i>ACS Infectious Diseases</i> , 2019, 5, 2003-2013.	3.8	5
13	Type I interferon protects neurons from prions in <i>in vivo</i> models. <i>Brain</i> , 2019, 142, 1035-1050.	7.6	22
14	Postmortem Quantitative Analysis of Prion Seeding Activity in the Digestive System. <i>Molecules</i> , 2019, 24, 4601.	3.8	10
15	Identification of Alprenolol Hydrochloride as an Anti-prion Compound Using Surface Plasmon Resonance Imaging. <i>Molecular Neurobiology</i> , 2019, 56, 367-377.	4.0	10
16	Prion-Like Seeding of Misfolded β -Synuclein in the Brains of Dementia with Lewy Body Patients in RT-QuIC. <i>Molecular Neurobiology</i> , 2018, 55, 3916-3930.	4.0	55
17	Development of radioiodinated acridine derivatives for <i>in vivo</i> imaging of prion deposits in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1085-1093.	3.0	8
18	Structure-based drug discovery for combating influenza virus by targeting the PA-PB1 interaction. <i>Scientific Reports</i> , 2017, 7, 9500.	3.3	27

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19	Characterisation of radioiodinated flavonoid derivatives for SPECT imaging of cerebral prion deposits. <i>Scientific Reports</i> , 2016, 5, 18440.	3.3	21
20	Prion-Seeding Activity Is widely Distributed in Tissues of Sporadic Creutzfeldt-Jakob Disease Patients. <i>EBioMedicine</i> , 2016, 12, 150-155.	6.1	18
21	A direct assessment of human prion adhered to steel wire using real-time quaking-induced conversion. <i>Scientific Reports</i> , 2016, 6, 24993.	3.3	25
22	Structure-Based Drug Discovery for Prion Disease Using a Novel Binding Simulation. <i>EBioMedicine</i> , 2016, 9, 238-249.	6.1	34
23	Ubiquitin-specific protease 14 modulates degradation of cellular prion protein. <i>Scientific Reports</i> , 2015, 5, 11028.	3.3	44
24	Persistent prion infection disturbs the function of Oct-1, resulting in the down-regulation of murine interferon regulatory factor-3. <i>Scientific Reports</i> , 2015, 4, 6006.	3.3	5
25	Rapid and Quantitative Assay of Amyloid-Seeding Activity in Human Brains Affected with Prion Diseases. <i>PLoS ONE</i> , 2015, 10, e0126930.	2.5	19
26	Ubiquitin-specific protease 14 modulates degradation of cellular prion protein. <i>Scientific Reports</i> , 2015, 5, .	3.3	1
27	Strain-Dependent Effect of Macroautophagy on Abnormally Folded Prion Protein Degradation in Infected Neuronal Cells. <i>PLoS ONE</i> , 2015, 10, e0137958.	2.5	21
28	Conformational Properties of Prion Strains Can Be Transmitted to Recombinant Prion Protein Fibrils in Real-Time Quaking-Induced Conversion. <i>Journal of Virology</i> , 2014, 88, 11791-11801.	3.4	30
29	Increased expression of p62/SQSTM1 in prion diseases and its association with pathogenic prion protein. <i>Scientific Reports</i> , 2014, 4, 4504.	3.3	44
30	FK506 reduces abnormal prion protein through the activation of autolysosomal degradation and prolongs survival in prion-infected mice. <i>Autophagy</i> , 2013, 9, 1386-1394.	9.1	78
31	Protective Role of Interferon Regulatory Factor 3-Mediated Signaling against Prion Infection. <i>Journal of Virology</i> , 2012, 86, 4947-4955.	3.4	29
32	Ultrasensitive human prion detection in cerebrospinal fluid by real-time quaking-induced conversion. <i>Nature Medicine</i> , 2011, 17, 175-178.	30.7	511
33	Hyperefficient PrP ^{Sc} amplification of mouse-adapted BSE and scrapie strain by protein misfolding cyclic amplification technique. <i>FEBS Journal</i> , 2009, 276, 2841-2848.	4.7	21
34	Bone marrow stroma cells are susceptible to prion infection. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 957-961.	2.1	12
35	Analysis of mRNA expression for steroidogenic enzymes in the remaining adrenal cortices attached to adrenocortical adenomas.. <i>European Journal of Endocrinology</i> , 2008, 158, 867-878.	3.7	12