

Daisuke Ito

List of Publications by Year in descending order

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101
papers

8,242
citations

81839

39
h-index

48277

88
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110
all docs

110
docs citations

110
times ranked

12145
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	10,742
2	Microglia-specific localisation of a novel calcium binding protein, Iba1. <i>Molecular Brain Research</i> , 1998, 57, 1-9.	2.5	1,228
3	A Novel Gene Iba1 in the Major Histocompatibility Complex Class III Region Encoding an EF Hand Protein Expressed in a Monocytic Lineage. <i>Biochemical and Biophysical Research Communications</i> , 1996, 224, 855-862.	1.0	769
4	Modeling familial Alzheimer's disease with induced pluripotent stem cells. <i>Human Molecular Genetics</i> , 2011, 20, 4530-4539.	1.4	527
5	Enhanced Expression of Iba1, Ionized Calcium-Binding Adapter Molecule 1, After Transient Focal Cerebral Ischemia In Rat Brain. <i>Stroke</i> , 2001, 32, 1208-1215.	1.0	515
6	Mitochondrial dysfunction associated with increased oxidative stress and α -synuclein accumulation in PARK2 iPSC-derived neurons and postmortem brain tissue. <i>Molecular Brain</i> , 2012, 5, 35.	1.3	333
7	Characterization of Stanniocalcin 2, a Novel Target of the Mammalian Unfolded Protein Response with Cytoprotective Properties. <i>Molecular and Cellular Biology</i> , 2004, 24, 9456-9469.	1.1	166
8	Nuclear transport impairment of amyotrophic lateral sclerosis-linked mutations in FUS/TLS. <i>Annals of Neurology</i> , 2011, 69, 152-162.	2.8	153
9	Characterization of the dipeptide repeat protein in the molecular pathogenesis of c9FTD/ALS. <i>Human Molecular Genetics</i> , 2015, 24, 1630-1645.	1.4	136
10	FUS is Phosphorylated by DNA-PK and Accumulates in the Cytoplasm after DNA Damage. <i>Journal of Neuroscience</i> , 2014, 34, 7802-7813.	1.7	129
11	Seipinopathy: a novel endoplasmic reticulum stress-associated disease. <i>Brain</i> , 2009, 132, 8-15.	3.7	121
12	The DNA damage response (DDR) is induced by the C9orf72 repeat expansion in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2017, 26, 2882-2896.	1.4	116
13	Characterization of Alternative Isoforms and Inclusion Body of the TAR DNA-binding Protein-43. <i>Journal of Biological Chemistry</i> , 2010, 285, 608-619.	1.6	115
14	Temporal Profile and Cellular Localization of Interleukin-6 Protein after Focal Cerebral Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 1256-1262.	2.4	108
15	C242T Polymorphism of NADPH Oxidase p22PHOX Gene and Ischemic Cerebrovascular Disease in the Japanese Population. <i>Stroke</i> , 2000, 31, 936-939.	1.0	100
16	Molecular pathogenesis of seipin/BSCL2-related motor neuron diseases. <i>Annals of Neurology</i> , 2007, 61, 237-250.	2.8	82
17	Association Between Platelet Glycoprotein Iba1 Genotype and Ischemic Cerebrovascular Disease. <i>Stroke</i> , 2000, 31, 493-497.	1.0	81
18	Activation of NG2-positive oligodendrocyte progenitor cells during post-ischemic reperfusion in the rat brain. <i>NeuroReport</i> , 2001, 12, 2169-2174.	0.6	76

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19	Characterization of seipin/BSCL2, a protein associated with spastic paraplegia 17. <i>Neurobiology of Disease</i> , 2008, 31, 266-277.	2.1	72
20	Establishment of Induced Pluripotent Stem Cells from Centenarians for Neurodegenerative Disease Research. <i>PLoS ONE</i> , 2012, 7, e41572.	1.1	72
21	RNA binding proteins and the pathological cascade in ALS/FTD neurodegeneration. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	72
22	Polymorphism in the Promoter of Lipopolysaccharide Receptor CD14 and Ischemic Cerebrovascular Disease. <i>Stroke</i> , 2000, 31, 2661-2664.	1.0	69
23	Conjoint pathologic cascades mediated by ALS/FTLD-U linked RNA-binding proteins TDP-43 and FUS. <i>Neurology</i> , 2011, 77, 1636-1643.	1.5	69
24	The human lipodystrophy protein seipin is an ER membrane adaptor for the adipogenic PA phosphatase lipin 1. <i>Molecular Metabolism</i> , 2013, 2, 38-46.	3.0	69
25	Disturbance of proteasomal and autophagic protein degradation pathways by amyotrophic lateral sclerosis-linked mutations in ubiquilin 2. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 324-331.	1.0	65
26	Stanniocalcin 2 Is a Negative Modulator of Store-Operated Calcium Entry. <i>Molecular and Cellular Biology</i> , 2011, 31, 3710-3722.	1.1	62
27	Mislocated FUS is sufficient for gain-of-toxic-function amyotrophic lateral sclerosis phenotypes in mice. <i>Brain</i> , 2016, 139, 2380-2394.	3.7	61
28	Immunohistochemical Detection of Leukemia Inhibitory Factor After Focal Cerebral Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 661-668.	2.4	55
29	Amplification of JC virus regulatory DNA sequences from cerebrospinal fluid: diagnostic value for progressive multifocal leukoencephalopathy. <i>Archives of Virology</i> , 1998, 143, 249-262.	0.9	54
30	Hyalinosis cutis et mucosae: a case report. <i>Journal of Neurology</i> , 2000, 247, 58-60.	1.8	52
31	N88S seipin mutant transgenic mice develop features of seipinopathy/BSCL2-related motor neuron disease via endoplasmic reticulum stress. <i>Human Molecular Genetics</i> , 2011, 20, 3831-3840.	1.4	52
32	Cerebral neurons express interleukin-6 after transient forebrain ischemia in gerbils. <i>Neuroscience Letters</i> , 1999, 262, 117-120.	1.0	50
33	Evidence of a link between ubiquilin 2 and optineurin in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2015, 24, 1617-1629.	1.4	49
34	Activated phosphorylation of cyclic AMP response element binding protein is associated with preservation of striatal neurons after focal cerebral ischemia in the rat. <i>Neuroscience</i> , 2000, 100, 345-354.	1.1	47
35	Up-regulation of the Ire1-mediated signaling molecule, Bip, in ischemic rat brain. <i>NeuroReport</i> , 2001, 12, 4023-4028.	0.6	47
36	Randomized double-blind placebo-controlled multicenter trial of okukansan for neuropsychiatric symptoms in Alzheimer's disease. <i>Geriatrics and Gerontology International</i> , 2017, 17, 211-218.	0.7	46

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37	Enhanced Aggregation of Androgen Receptor in Induced Pluripotent Stem Cell-derived Neurons from Spinal and Bulbar Muscular Atrophy. <i>Journal of Biological Chemistry</i> , 2013, 288, 8043-8052.	1.6	45
38	Degeneration of mesencephalic dopaminergic neurons in klotho mouse related to vitamin D exposure. <i>Brain Research</i> , 2011, 1382, 109-117.	1.1	44
39	Accelerating progress in induced pluripotent stem cell research for neurological diseases. <i>Annals of Neurology</i> , 2012, 72, 167-174.	2.8	41
40	Roles of Ataxin-2 in Pathological Cascades Mediated by TAR DNA-binding Protein 43 (TDP-43) and Fused in Sarcoma (FUS). <i>Journal of Biological Chemistry</i> , 2012, 287, 41310-41323.	1.6	40
41	Persistent CREB Phosphorylation with Protection of Hippocampal CA1 Pyramidal Neurons Following Temporary Occlusion of the Middle Cerebral Artery in the Rat. <i>Experimental Neurology</i> , 2000, 161, 462-471.	2.0	39
42	Evaluation of [¹⁸ F]PI-2620, a second-generation selective tau tracer, for assessing four-repeat tauopathies. <i>Brain Communications</i> , 2021, 3, fcab190.	1.5	36
43	Genotype Distribution of the 46C/T Polymorphism of Coagulation Factor XII in the Japanese Population: Absence of Its Association with Ischemic Cerebrovascular Disease. <i>Thrombosis and Haemostasis</i> , 2000, 83, 178-179.	1.8	34
44	<i>TFG</i>-Related Neurologic Disorders: New Insights Into Relationships Between Endoplasmic Reticulum and Neurodegeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 299-305.	0.9	31
45	Multiple sclerosis associated with interferon-alpha therapy for chronic myelogenous leukemia. <i>American Journal of Hematology</i> , 2002, 70, 149-153.	2.0	29
46	Molecular Cloning and Characterization of Annexin V-Binding Proteins with Highly Hydrophilic Peptide Structure. <i>Journal of Neurochemistry</i> , 2002, 67, 89-97.	2.1	29
47	The psychological impact of disclosing amyloid status to Japanese elderly: a preliminary study on asymptomatic patients with subjective cognitive decline. <i>International Psychogeriatrics</i> , 2018, 30, 635-639.	0.6	29
48	Hydrogen peroxide enhances phagocytic activity of ameboid microglia. <i>Neuroscience Letters</i> , 1998, 240, 5-8.	1.0	27
49	Phosphorylation of Cyclic Adenosine Monophosphate Response Element Binding Protein in Oligodendrocytes in the Corpus Callosum after Focal Cerebral Ischemia in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 1177-1188.	2.4	27
50	G501C polymorphism of oxidized LDL receptor gene (OLR1) and ischemic stroke. <i>Brain Research</i> , 2006, 1121, 246-249.	1.1	27
51	Extremely Low Prevalence of Amyloid Positron Emission Tomography Positivity in Parkinson's Disease without Dementia. <i>European Neurology</i> , 2017, 77, 231-237.	0.6	27
52	Characterization of inclusion bodies with cytoprotective properties formed by seipinopathy-linked mutant seipin. <i>Human Molecular Genetics</i> , 2012, 21, 635-646.	1.4	26
53	Histochemical and immunohistochemical evidence for hepatic zone 3 distribution of alcohol dehydrogenase in rats. <i>Hepatology</i> , 1990, 12, 66-69.	3.6	25
54	Dendritic Homeostasis Disruption in a Novel Frontotemporal Dementia Mouse Model Expressing Cytoplasmic Fused in Sarcoma. <i>EBioMedicine</i> , 2017, 24, 102-115.	2.7	25

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55	T280M and V249I polymorphisms of fractalkine receptor CX3CR1 and ischemic cerebrovascular disease. <i>Neuroscience Letters</i> , 2005, 374, 132-135.	1.0	23
56	Evidence of TRK-Fused Gene (TFG1) function in the ubiquitin-proteasome system. <i>Neurobiology of Disease</i> , 2014, 66, 83-91.	2.1	23
57	Neuroanatomical Characterisation of the Expression of the Lipodystrophy and Motor-Neuropathy Gene Bslc2 in Adult Mouse Brain. <i>PLoS ONE</i> , 2012, 7, e45790.	1.1	23
58	Notch3 gene polymorphism and ischaemic cerebrovascular disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 382-384.	0.9	21
59	Corneal Endothelial Degeneration in Dentatorubral-Pallidoluyian Atrophy. <i>Archives of Neurology</i> , 2002, 59, 289.	4.9	19
60	Progressive multifocal leukoencephalopathy developed in incomplete Heerfordt syndrome, a rare manifestation of sarcoidosis, without steroid therapy responding to cidofovir. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 153-156.	0.6	19
61	<i>Plasmodium falciparum</i> Exported Protein 1 is localized to dense granules in merozoites. <i>Parasitology International</i> , 2018, 67, 637-639.	0.6	19
62	A diagnostic strategy for Parkinsonian syndromes using quantitative indices of DAT SPECT and MIBG scintigraphy: an investigation using the classification and regression tree analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1833-1841.	3.3	15
63	Disclosure of Amyloid Status for Risk of Alzheimer Disease to Cognitively Normal Research Participants With Subjective Cognitive Decline: A Longitudinal Study. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2020, 35, 153331752090455.	0.9	14
64	Swift Transformation and Locomotion of Polymorphonuclear Leukocytes and Microglia as Observed by VEC-DIC Microscopy (Video Microscopy).. <i>Keio Journal of Medicine</i> , 1996, 45, 213-224.	0.5	14
65	A novel voltage-sensitive Na ⁺ and Ca ²⁺ channel blocker, NS-7, prevents suppression of cyclic AMP-dependent protein kinase and reduces infarct area in the acute phase of cerebral ischemia in rat. <i>Brain Research</i> , 2002, 924, 98-108.	1.1	13
66	Retinopathy: An Overlooked Adverse Effect of Interferon-beta Treatment of Multiple Sclerosis. <i>Keio Journal of Medicine</i> , 2009, 58, 54-56.	0.5	13
67	Impact of a combination of quantitative indices representing uptake intensity, shape, and asymmetry in DAT SPECT using machine learning: comparison of different volume of interest settings. <i>EJNMMI Research</i> , 2019, 9, 7.	1.1	13
68	Paroxysmal hypertensive crises induced by selegiline in a patient with Parkinson's disease. <i>Journal of Neurology</i> , 2001, 248, 533-534.	1.8	12
69	A561C polymorphism of E-selectin is associated with ischemic cerebrovascular disease in the Japanese population without diabetes mellitus and hypercholesterolemia. <i>Brain Research</i> , 2006, 1108, 221-223.	1.1	12
70	PfMSA180 is a novel <i>Plasmodium falciparum</i> vaccine antigen that interacts with human erythrocyte integrin associated protein (CD47). <i>Scientific Reports</i> , 2019, 9, 5923.	1.6	12
71	De novo design of RNA-binding proteins with a prion-like domain related to ALS/FTD proteinopathies. <i>Scientific Reports</i> , 2017, 7, 16871.	1.6	11
72	Promise of Nucleic Acid Therapeutics for Amyotrophic Lateral Sclerosis. <i>Annals of Neurology</i> , 2022, 91, 13-20.	2.8	11

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73	A novel compound heterozygous dysferlin mutation in Miyoshi myopathy siblings responding to dantrolene. <i>European Journal of Neurology</i> , 2007, 14, 1288-1291.	1.7	10
74	Can we predict amyloid deposition by objective cognition and regional cerebral blood flow in patients with subjective cognitive decline?. <i>Psychogeriatrics</i> , 2019, 19, 325-332.	0.6	10
75	Uncoupling of cerebral blood flow and glucose utilization in the regenerating facial nucleus after axotomy. <i>Neuroscience Research</i> , 1999, 35, 207-215.	1.0	9
76	A case of progressive supranuclear palsy with predominant cerebellar ataxia diagnosed by [18F]PM-PBB3 tau PET. <i>Journal of the Neurological Sciences</i> , 2021, 425, 117440.	0.3	9
77	Antibodies against a Plasmodium falciparum RON12 inhibit merozoite invasion into erythrocytes. <i>Parasitology International</i> , 2019, 68, 87-91.	0.6	8
78	Characterization of mitochondrial carrier proteins of malaria parasite Plasmodium falciparum based on in vitro translation and reconstitution. <i>Parasitology International</i> , 2020, 79, 102160.	0.6	8
79	Quantitative evaluation of the tracer distribution in dopamine transporter SPECT for objective interpretation. <i>Annals of Nuclear Medicine</i> , 2018, 32, 363-371.	1.2	7
80	Alpha-synuclein dynamics in induced pluripotent stem cell-derived dopaminergic neurons from a Parkinson's disease patient (<i>PARK4</i>) with <i>SNCA</i> triplication. <i>FEBS Open Bio</i> , 2021, 11, 354-366.	1.0	7
81	A case of tauopathy with auditory agnosia and dysprosody diagnosed by [18F]PM-PBB3 tau PET scan. <i>Neurological Sciences</i> , 2021, 42, 3471-3474.	0.9	5
82	Findings of ¹⁸ F-PI-2620 tau PET imaging in patients with Alzheimer's disease and healthy controls in relation to the plasma tau181 levels in a Japanese sample. <i>Neuropsychopharmacology Reports</i> , 0, .	1.1	5
83	Alternative Activation of Macrophages in Mice Peritoneal Cavities and Diaphragms by Newborn Larvae of <i>Trichinella spiralis</i> . <i>Yonago Acta Medica</i> , 2020, 63, 34-41.	0.3	4
84	Molecular cloning and characterization of plerocercoid-immunosuppressive factor from <i>Spirometra erinaceieuropaei</i> . <i>Parasitology International</i> , 2020, 76, 102062.	0.6	4
85	Plasmodium yoelii Erythrocyte Binding Like Protein Interacts With Basigin, an Erythrocyte Surface Protein. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 656620.	1.8	4
86	Genotype distribution of the 46C/T polymorphism of coagulation factor XII in the Japanese population: absence of its association with ischemic cerebrovascular disease. <i>Thrombosis and Haemostasis</i> , 2000, 83, 178-9.	1.8	4
87	Progressive Ataxia and Palatal Tremor Showing Characteristic Tau Depositions in [¹⁸ F]PM-PBB3 PET. <i>Movement Disorders</i> , 2022, 37, 1317-1319.	2.2	4
88	Extensive splicing changes in an ALS/FTD transgenic mouse model overexpressing cytoplasmic fused in sarcoma. <i>Scientific Reports</i> , 2020, 10, 4857.	1.6	3
89	Impact of the cerebrospinal fluid-mask algorithm on the diagnostic performance of 123I-iodoflupane SPECT: an investigation of parkinsonian syndromes. <i>EJNMMI Research</i> , 2019, 9, 85.	1.1	3
90	Establishment of KEIOi005-A iPSC line from urine-derived cells (UDCs) of a mild Alzheimer's disease (AD) donor with multiple risk SNPs for sporadic Alzheimer's disease (sAD). <i>Stem Cell Research</i> , 2022, 62, 102802.	0.3	3

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91	Slow-progressive ataxia with a methionine-to-arginine point mutation in codon 232 in the prion protein gene (PRNP). <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 696-698.	0.6	2
92	Investigation of Unfolded-Protein Response in Cells Expressing Familial Alzheimer's Disease-Linked Presenilin Variants. , 2003, 232, 203-216.		1
93	The First Report of a Japanese Case of Seipinopathy with a <i>BSCL2</i> N88S Mutation. <i>Internal Medicine</i> , 2018, 57, 613-615.	0.3	1
94	Effect of different parietal hypoperfusion on neuropsychological characteristics in mild cognitive impairment. <i>Psychogeriatrics</i> , 2021, 21, 618-626.	0.6	1
95	Activation and proliferation of oligodendrocyte progenitor cells after brain ischemia in the rat. <i>International Congress Series</i> , 2003, 1252, 435-444.	0.2	0
96	Drug-induced intracranial cystic lesion: A complication of antibiotic treatment through an Ommaya reservoir. <i>Neurology and Clinical Neuroscience</i> , 2013, 1, 41-41.	0.2	0
97	Meningoencephalopathy as a clinical manifestation of Epstein-Barr virus-associated hemophagocytic syndrome. <i>Neurology and Clinical Neuroscience</i> , 2013, 1, 84-86.	0.2	0
98	Sjögren's syndrome with paresis of the internal branch of the superior laryngeal nerve. <i>Neurology and Clinical Neuroscience</i> , 2014, 2, 207-209.	0.2	0
99	The utility of simple questions to evaluate cognitive impairment. <i>PLoS ONE</i> , 2020, 15, e0233225.	1.1	0
100	Influence of a clinical trial in the decision-making processes of patients with amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2021, , 1.	1.8	0
101	Postischemic Hyperperfusion Does Not Necessarily Indicate Good Recovery of Brain Tissue. From the Viewpoint of PKA-Mediated Intracellular Signal Transduction. , 2001, , 168-177.		0