Akira Sano

List of Publications by Year
in descending order

84 papers	3,279 citations	159585 30 h-index	155660 55 g-index
86 all docs	86 docs citations	86 times ranked	3689 citing authors

#	Article	IF	Citations
1	DNA analysis of benign adult familial myoclonic epilepsy reveals associations between the pathogenic TTTCA repeat insertion in SAMD12 and the nonpathogenic TTTTA repeat expansion in TNRC6A. Journal of Human Genetics, 2021, 66, 419-429.	2.3	11
2	Positional cloning and comprehensive mutation analysis identified a novel KDM2B mutation in a Japanese family with minor malformations, intellectual disability, and schizophrenia. Journal of Human Genetics, 2021, 66, 597-606.	2.3	8
3	A PRIMPOL mutation and variants in multiple genes may contribute to phenotypes in a familial case with chronic progressive external ophthalmoplegia symptoms. Neuroscience Research, 2020, 157, 58-63.	1.9	11
4	Discriminating chorea-acanthocytosis from Huntington's disease with single-case voxel-based morphometry analysis. Journal of the Neurological Sciences, 2020, 408, 116545.	0.6	5
5	Sleep Disorders in Four Patients With Myotonic Dystrophy Type 1. Frontiers in Neurology, 2020, 11, 12.	2.4	5
6	Chorea-acanthocytosis with a novel mutation in the vacuolar protein sorting 13 homolog a gene: A case report. Journal of the Neurological Sciences, 2020, 412, 116731.	0.6	1
7	Novel VPS13A Gene Mutations in a South Asian, Indian Patient with Choreaâ€‘acanthocytosis. Neurology India, 2020, 68, 206.	0.4	0
8	Novel pathogenic XK mutations in McLeod syndrome and interaction between XK protein and chorein. Neurology: Genetics, 2019, 5, e328.	1.9	22
9	Working Memory-Related Prefrontal Hemodynamic Responses in University Students: A Correlation Study of Subjective Well-Being and Lifestyle Habits. Frontiers in Behavioral Neuroscience, 2019, 13, 213.	2.0	4
10	Novel pathogenic VPS13A gene mutations in Japanese patients with chorea-acanthocytosis. Neurology: Genetics, 2019, 5, e332.	1.9	12
11	A patient with McLeod syndrome showing involvement of the central sensorimotor tracts for the legs. BMC Neurology, 2019, 19, 301.	1.8	3
12	ExpansionsÂofÂintronic TTTCA and TTTTA repeats in benign adult familial myoclonic epilepsy. Nature Genetics, 2018, 50, 581-590.	21.4	238
13	Mouse model of chorea-acanthocytosis exhibits male infertility caused by impaired sperm motility as a result of ultrastructural morphological abnormalities in the mitochondrial sheath in the sperm midpiece. Biochemical and Biophysical Research Communications, 2018, 503, 915-920.	2.1	13
14	Seizures as presenting and prominent symptom in choreaâ€acanthocytosis with c.2343del <scp>VPS</scp>13A gene mutation. Epilepsia, 2016, 57, 549-556.	5.1	16
15	Chorein interacts with Î±â€tubulin and histone deacetylase 6, and overexpression preserves cell viability during nutrient deprivation in human embryonic kidney 293 cells. FASEB Journal, 2016, 30, 3726-3732.	0.5	4
16	Case of McLeod syndrome with a novel genetic mutation. Neurology and Clinical Neuroscience, 2016, 4, 115-117.	0.4	2
17	The effects of olanzapine treatment on brain regional glucose metabolism in neuroleptic-naive first-episode schizophrenic patients. Human Psychopharmacology, 2016, 31, 419-426.	1.5	4
18	Phenotypic abnormalities in a chorea-acanthocytosis mouse model are modulated by strain background. Biochemical and Biophysical Research Communications, 2016, 472, 118-124.	2.1	14

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19	New type of encephalomyelitis responsive to trimethoprim/sulfamethoxazole treatment in Japan. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e143.	6.0	7
20	Chorein, the protein responsible for chorea-acanthocytosis, interacts with Î²-adducin and Î²-actin. Biochemical and Biophysical Research Communications, 2013, 441, 96-101.	2.1	36
21	Different Clinical Phenotypes in Siblings with a Presenilin-1 P264L Mutation. Dementia and Geriatric Cognitive Disorders, 2012, 33, 132-140.	1.5	8
22	Subcellular localization and putative role of VPS13A/chorein in dopaminergic neuronal cells. Biochemical and Biophysical Research Communications, 2012, 419, 511-516.	2.1	19
23	Heteroplasmic m.1624C>T mutation of the mitochondrial tRNAVal gene in a proband and his mother with repeated consciousness disturbances. Mitochondrion, 2012, 12, 617-622.	3.4	4
24	Quetiapine-induced frequent premature ventricular contraction. General Hospital Psychiatry, 2012, 34, 211.e1-211.e3.	2.4	4
25	Comprehensive analysis of the genes responsible for neuroacanthocytosis in mood disorder and schizophrenia. Neuroscience Research, 2011, 69, 196-202.	1.9	9
26	Mitochondrial DNA deletion mutations in patients with neuropsychiatric symptoms. Neuroscience Research, 2011, 69, 331-336.	1.9	33
27	Chronological changes in prosaposin in the developing rat brain. Neuroscience Research, 2011, 71, 22-34.	1.9	6
28	Exome sequencing identifies a novel missense variant in RRM2B associated with autosomal recessive progressive external ophthalmoplegia. Genome Biology, 2011, 12, R92.	9.6	42
29	Adultâ€type metachromatic leukodystrophy with compound heterozygous ARSA mutations: A case report and phenotypic comparison with a previously reported case. Psychiatry and Clinical Neurosciences, 2011, 65, 105-108.	1.8	10
30	Novel pathogenic mutations and copy number variations in the VPS13A Gene in patients with choreaâ€acanthocytosis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 620-631.	1.7	57
31	Familial Semantic Dementia with P301L Mutation in the Tau Gene. Dementia and Geriatric Cognitive Disorders, 2011, 31, 334-340.	1.5	23
32	Remapping and mutation analysis of benign adult familial myoclonic epilepsy in a Japanese pedigree. Journal of Human Genetics, 2011, 56, 742-747.	2.3	32
33	Chorea-acanthocytosis with upper motor neuron degeneration and 3419_3420 delCA and 3970_3973 delAGTC VPS13A mutations. Acta Neuropathologica, 2010, 119, 271-273.	7.7	6
34	Gene expression and association analyses of the phosphodiesterase 4B (PDE4B) gene in major depressive disorder in the Japanese population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 527-534.	1.7	27
35	Microarray comparative genomic hybridization analysis of 59 patients with schizophrenia. Journal of Human Genetics, 2008, 53, 914-919.	2.3	8
36	Positive association of the PDE4B (phosphodiesterase 4B) gene with schizophrenia in the Japanese population. Journal of Psychiatric Research, 2008, 43, 7-12.	3.1	49

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37	No association between the NDE1 gene and schizophrenia in the Japanese population. Schizophrenia Research, 2008, 99, 367-369.	2.0	5
38	Expression patterns in alternative splicing forms of prosaposin mRNA in the rat facial nerve nucleus after facial nerve transection. Neuroscience Research, 2008, 60, 82-94.	1.9	22
39	Psychiatric Morbidity in Neuroacanthocytosis. , 2008, , 219-223.		0
40	Neurologic phenotypes associated with acanthocytosis. Neurology, 2007, 68, 92-98.	1.1	155
41	Gene expression and association analysis of vascular endothelial growth factor in major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 658-663.	4.8	88
42	In vivo distribution and localization of chorein. Biochemical and Biophysical Research Communications, 2007, 353, 431-435.	2.1	59
43	Brain-specific transcript variants of 5â€² and 3â€² ends of mouse VPS13A and VPS13C. Biochemical and Biophysical Research Communications, 2007, 353, 902-907.	2.1	13
44	Differences in two mice strains on kainic acid-induced amygdalar seizures. Biochemical and Biophysical Research Communications, 2007, 357, 1078-1083.	2.1	23
45	Anterior pericaudate white matter is important for the secondary generalization of kainic acid-induced limbic seizures in rats. Clinical Neurophysiology, 2007, 118, e192-e193.	1.5	0
46	Clinical and molecular genetic assessment of a chorea-acanthocytosis pedigree. Journal of the Neurological Sciences, 2007, 263, 124-132.	0.6	45
47	The Val66Met polymorphism of the brainâ€derived neurotrophic factor gene is associated with psychotic feature and suicidal behavior in Japanese major depressive patients. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 1003-1006.	1.7	72
48	A new phenotype of chorea-acanthocytosis with dilated cardiomyopathy and myopathy. Movement Disorders, 2007, 22, 1669-1670.	3.9	14
49	Distribution of prosaposin in the rat nervous system. Cell and Tissue Research, 2007, 330, 197-207.	2.9	19
50	Chorein deficiency leads to upregulation of gephyrin and GABAA receptor. Biochemical and Biophysical Research Communications, 2006, 351, 438-442.	2.1	18
51	Gene expression and association analysis of LIM (PDLIM5) in major depression. Neuroscience Letters, 2006, 400, 203-207.	2.1	41
52	Delayed Vertical Rectus Abdominis Myocutaneous Flap for Anterior Chest Wall Reconstruction. Aesthetic Plastic Surgery, 2006, 30, 120-124.	0.9	12
53	Self-mutilation in choreaâ€“acanthocytosis: Manifestation of movement disorder or psychopathology?. Movement Disorders, 2006, 21, 2268-2269.	3.9	25
54	Association of AKT1 haplotype with the risk of schizophrenia in Iranian population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 383-386.	1.7	74

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55	A gene-targeted mouse model for chorea-acanthocytosis. Journal of Neurochemistry, 2005, 92, 759-766.	3.9	55
56	Changes in expression of prosaposin in the rat facial nerve nucleus after facial nerve transection. Neuroscience Research, 2005, 52, 220-227.	1.9	21
57	The silencer activity of the novel human serotonin transporter linked polymorphic regions. Neuroscience Letters, 2002, 327, 13-16.	2.1	37
58	Positional Candidate Approach for the Gene Responsible for Benign Adult Familial Myoclonicâ€ƒ Epilepsy. Epilepsia, 2002, 43, 26-31.	5.1	126
59	The gene encoding a newly discovered protein, chorein, is mutated in chorea-acanthocytosis. Nature Genetics, 2001, 28, 121-122.	21.4	301
60	Localization of a Gene for Benign Adult Familial Myoclonic Epilepsy to Chromosome 8q23.3-q24.1. American Journal of Human Genetics, 1999, 65, 745-751.	6.2	145
61	Association between serotonin transporter gene polymorphism and anxiety-related traits. Biological Psychiatry, 1999, 45, 368-370.	1.3	189
62	Prosaposin, a Neurotrophic Factor: Presence and Properties in Milk. Journal of Dairy Science, 1997, 80, 264-272.	3.4	51
63	Expression of basic fibroblast growth factor-like immunoreactivity in the nuclei of regenerating hepatocytes. Cell and Tissue Research, 1997, 288, 517-527.	2.9	3
64	Cytochrome P-450 2D6 gene polymorphism is not associated with neuroleptic malignant syndrome. Biological Psychiatry, 1996, 40, 72-74.	1.3	8
65	Prosaposin Facilitates Sciatic Nerve Regeneration In Vivo. Journal of Neurochemistry, 1996, 66, 2019-2025.	3.9	92
66	A Hydrophilic Peptide Comprising 18 Amino Acid Residues of the Prosaposin Sequence Has Neurotrophic Activity In Vitro and In Vivo. Journal of Neurochemistry, 1996, 66, 2197-2200.	3.9	89
67	Somatic mosaicism of CAG repeat in dentatorubral-pallidoluysian atrophy (DRPLA). Human Molecular Genetics, 1995, 4, 663-666.	2.9	77
68	Anticipation in hereditary dentatorubral-pallidoluysian atrophy. Human Genetics, 1994, 93, 699-702.	3.8	25
69	Distribution of prosaposin-like immunoreactivity in rat brain. Journal of Comparative Neurology, 1993, 334, 590-602.	1.6	50
70	A 40-nucleotide repeat polymorphism in the human dopamine transporter gene. Human Genetics, 1993, 91, 405-6.	3.8	127
71	Isolation and Identification of Methylarginines from Bovine Brain. Journal of Neurochemistry, 1992, 58, 1127-1130.	3.9	30
72	Saposin-C from bovine spleen; complete amino acid sequence and relation between the structure and its biological activity. BBA - Proteins and Proteomics, 1992, 1120, 75-80.	2.1	23

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73	Distribution of Free Methylarginines in Rat Tissues and in the Bovine Brain. Journal of Neurochemistry, 1992, 59, 2012-2016.	3.9	63
74	Secretion of sphingolipid hydrolase activator precursor, prosaposin. Biochemical and Biophysical Research Communications, 1991, 176, 668-674.	2.1	112
75	Isolation and characterization of prosaposin from human milk. Biochemical and Biophysical Research Communications, 1991, 181, 286-292.	2.1	74
76	Isolation and identification of Î±-(Î²-alanyl)hypusine from bovine brain. Biochimica Et Biophysica Acta - General Subjects, 1991, 1073, 233-235.	2.4	7
77	Further studies on D-3-aminoisobutyrate-pyruvate aminotransferase. Biochimica Et Biophysica Acta - General Subjects, 1990, 1035, 128-131.	2.4	1
78	Sphingolipid hydrolase activator proteins and their precursors. Biochemical and Biophysical Research Communications, 1989, 165, 1191-1197.	2.1	78
79	The carbohydrate moiety of the activator protein for glucosylceramide Î²-glucosidase. Biochemical and Biophysical Research Communications, 1988, 154, 1197-1203.	2.1	19
80	Distribution of ?-(?-Aminobutyryl)-Hypusine. Journal of Neurochemistry, 1987, 48, 681-683.	3.9	2
81	Isolation and Identification of ?-(?-Aminobutyryl)-Hypusine. Journal of Neurochemistry, 1986, 46, 1046-1049.	3.9	10
82	A rapid and sensitive method for the determination of hypusine in proteins and its distribution and developmental changes. Biochimica Et Biophysica Acta - General Subjects, 1984, 800, 135-139.	2.4	18
83	Multiplicity of Phosphate Acceptor Proteins for Muscle Glycogen Phosphorylase Kinase. Journal of Biochemistry, 1980, 88, 1129-1134.	1.7	3
84	Inhibitory and Stimulatory Effects of Guanyl-5'-yl Imidodiphosphate on the Adenylate Cyclase Activity of Rat Synaptosomal Fractions1. Journal of Biochemistry, 1980, 87, 267-271.	1.7	4