Satoru Takahashi

List of Publications by Year
in descending order

43	596	759233 12	677142 22
papers	citations	h-index	g-index

44	44	44	986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early onset epileptic encephalopathy caused by de novo <scp>SCN</scp>8A mutations. Epilepsia, 2014, 55, 994-1000.	5.1	142
2	Serial neuroimages of acute necrotizing encephalopathy associated with human herpesvirus 6 infection. Brain and Development, 1995, 17, 356-359.	1.1	49
3	Nationwide survey of glucose transporter-1 deficiency syndrome (GLUT-1DS) in Japan. Brain and Development, 2015, 37, 780-789.	1.1	35
4	Improved prefrontal activity in AD/HD children treated with atomoxetine: A NIRS study. Brain and Development, 2015, 37, 76-87.	1.1	34
5	Outcome of ketogenic diets in GLUT1 deficiency syndrome in Japan: A nationwide survey. Brain and Development, 2016, 38, 628-637.	1.1	31
6	Genetic landscape of Rett syndrome-like phenotypes revealed by whole exome sequencing. Journal of Medical Genetics, 2019, 56, 396-407.	3.2	30
7	Evaluation of 17Î²-hydroxysteroid dehydrogenase activity using androgen receptor-mediated transactivation. Journal of Steroid Biochemistry and Molecular Biology, 2020, 196, 105493.	2.5	20
8	Ictal HMPAO-Single Photon Emission Computed Tomography Findings in Reading Epilepsy in a Japanese Boy. Epilepsia, 1995, 36, 1161-1163.	5.1	17
9	PRRT2 mutations in Japanese patients with benign infantile epilepsy and paroxysmal kinesigenic dyskinesia. Seizure: the Journal of the British Epilepsy Association, 2019, 71, 1-5.	2.0	16
10	Diethylstilbestrol administration inhibits theca cell androgen and granulosa cell estrogen production in immature rat ovary. Scientific Reports, 2017, 7, 8374.	3.3	15
11	A haploinsufficiency of FOXG1 identified in a boy with congenital variant of Rett syndrome. Brain and Development, 2014, 36, 725-729.	1.1	14
12	Electroclinical features of epileptic encephalopathy caused by <scp>SCN8A</scp> mutation. Pediatrics International, 2015, 57, 758-762.	0.5	13
13	Relation between circulating levels of GH, IGF-1, ghrelin and somatic growth in Rett syndrome. Brain and Development, 2014, 36, 794-800.	1.1	12
14	MeCP2_e2 partially compensates for lack of MeCP2_e1: A male case of Rett syndrome. Molecular Genetics & Genomic Medicine, 2020, 8, e1088.	1.2	12
15	11-Ketotestosterone is a major androgen produced in porcine adrenal glands and testes. Journal of Steroid Biochemistry and Molecular Biology, 2021, 210, 105847.	2.5	12
16	Molecular analysis and anticonvulsant therapy in two patients with glucose transporter 1 deficiency syndrome: A successful use of zonisamide for controlling the seizures. Epilepsy Research, 2008, 80, 18-22.	1.6	11
17	Severity of low pre-pregnancy body mass index and perinatal outcomes: the Japan Environment and Childrenâ€™s Study. BMC Pregnancy and Childbirth, 2022, 22, 121.	2.4	10
18	Profiles of 5Î±-Reduced Androgens in Humans and Eels: 5Î±-Dihydrotestosterone and 11-Ketodihydrotestosterone Are Active Androgens Produced in Eel Gonads. Frontiers in Endocrinology, 2021, 12, 657360.	3.5	9

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19	Oxidative stress markers and phosphorus magnetic resonance spectroscopy in a patient with GLUT1 deficiency treated with modified Atkins diet. Brain and Development, 2012, 34, 372-375.	1.1	8
20	Reversible White Matter Lesions During Ketogenic Diet Therapy in Glucose Transporter 1 Deficiency Syndrome. Pediatric Neurology, 2013, 49, 493-496.	2.1	8
21	Novel NARS2 variant causing leigh syndrome with normal lactate levels. Human Genome Variation, 2022, 9, 12.	0.7	8
22	A novel mutation in LICAM gene in a Japanese patient with x-linked hydrocephalus. Japanese Journal of Human Genetics, 1996, 41, 431-437.	0.8	7
23	MECP2 mutation in a boy with severe apnea and sick sinus syndrome. Brain and Development, 2018, 40, 714-718.	1.1	7
24	Cyclooxygenaseâ€2 is acutely induced by CCAAT/enhancerâ€binding protein Î² to produce prostaglandin E 2 and F 2Î± following gonadotropin stimulation in Leydig cells. Molecular Reproduction and Development, 2019, 86, 786-797.	2.0	7
25	Human herpesvirus-6 infection-associated acute encephalopathy without skin rash. Brain and Development, 2015, 37, 829-832.	1.1	6
26	Hypoplastic hippocampus in atypical Rett syndrome with a novel FOXG1 mutation. Brain and Development, 2018, 40, 49-52.	1.1	6
27	Atypical Rett syndrome in a girl with mosaic triple X and MECP2 variant. Molecular Genetics & Genomic Medicine, 2020, 8, e1122.	1.2	6
28	A generic assay for the identification of splicing variants that induce nonsense-mediated decay in Pompe disease. European Journal of Human Genetics, 2021, 29, 422-433.	2.8	6
29	Early diagnosis of MECP2 duplication syndrome: Insights from a nationwide survey in Japan. Journal of the Neurological Sciences, 2021, 422, 117321.	0.6	6
30	Pyruvate dehydrogenase complex deficiency with multiple minor anomalies. Pediatrics International, 1997, 39, 230-232.	0.5	5
31	Focal frontal epileptiform discharges in a patient with eyelid myoclonia and absence seizures. Epilepsy & Behavior Case Reports, 2015, 4, 35-37.	1.5	5
32	Successful treatment of normokalemic periodic paralysis with hydrochlorothiazide. Brain and Development, 2018, 40, 833-836.	1.1	5
33	Benign infantile convulsion as a diagnostic clue of paroxysmal kinesigenic dyskinesia: a case series. Journal of Medical Case Reports, 2014, 8, 174.	0.8	4
34	Congenital basal meningoceles with different outcomes: a case series. Journal of Medical Case Reports, 2017, 11, 359.	0.8	4
35	Life-threatening muscle complications of COL4A1-related disorder. Brain and Development, 2020, 42, 93-97.	1.1	3
36	A Complex Phenotype of a Patient with Spastic Paraplegia Type 4 Caused by a Novel Pathogenic Variant in the <i>SPAST</i> Gene. Case Reports in Neurology, 2022, 13, 763-771.	0.7	3

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37	Characterization of intragenic tandem duplication in the PAFAH1B1 gene leading to isolated lissencephaly sequence. Molecular Cytogenetics, 2015, 8, 84.	0.9	2
38	Evolution into moyamoya disease in an infant with internal carotid artery aneurysms. ENeurologicalSci, 2017, 6, 80-82.	1.3	2
39	Analyses of Molecular Characteristics and Enzymatic Activities of Ovine HSD17B3. Animals, 2021, 11, 2876.	2.3	2
40	A novel mutation in slc2a1 gene causing glut-1 deficiency syndrome in a young adult patient. Turkish Journal of Pediatrics, 2019, 61, 946.	0.6	2
41	The role of molecular analysis of SLC2A1 in the diagnostic workup of glucose transporter 1 deficiency syndrome. Journal of the Neurological Sciences, 2020, 416, 117041.	0.6	1
42	Stereotyped Upper Limb Movement in MECP2 Duplication Syndrome. Neurology, 2021, 97, 92-94.	1.1	1
43	Takahashiâ€™s response to Ravnâ€™s correspondence. Clinical Genetics, 2009, 75, 100-100.	2.0	0