Jeong Ho Lee

List of Publications by Year
in descending order

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54 papers	3,394 citations	257450 24 h-index	175258 52 g-index
58 all docs	58 docs citations	58 times ranked	5244 citing authors

#	Article	IF	Citations
1	Efficacy of the Ketogenic Diet for Pediatric Epilepsy According to the Presence of Detectable Somatic		

#	Article	IF	Citations
19	SHP2 mutations induce precocious gliogenesis of Noonan syndrome-derived iPSCs during neural development in vitro. Stem Cell Research and Therapy, 2020, 11, 209.	5.5	9
20	Artifactâ€Free 2D Mapping of Neural Activity In Vivo through Transparent Gold Nanonetwork Array. Advanced Functional Materials, 2020, 30, 2000896.	14.9	54
21	Genetic Architectures and Cell-of-Origin in Glioblastoma. Frontiers in Oncology, 2020, 10, 615400.	2.8	26
22	Glioblastoma Cellular Origin and the Firework Pattern of Cancer Genesis from the Subventricular Zone. Journal of Korean Neurosurgical Society, 2020, 63, 26-33.	1.2	18
23	Precise detection of low-level somatic mutation in resected epilepsy brain tissue. Acta Neuropathologica, 2019, 138, 901-912.	7.7	92
24	Brain somatic mutations observed in Alzheimerâ€™s disease associated with aging and dysregulation of tau phosphorylation. Nature Communications, 2019, 10, 3090.	12.8	103
25	Global Analysis of Intercellular Homeodomain Protein Transfer. Cell Reports, 2019, 28, 712-722.e3.	6.4	28
26	Roles of Primary Cilia in the Developing Brain. Frontiers in Cellular Neuroscience, 2019, 13, 218.	3.7	86
27	Extraciliary roles of the ciliopathy protein JBTS17 in mitosis and neurogenesis. Annals of Neurology, 2019, 86, 99-115.	5.3	10
28	The use of technical replication for detection of low-level somatic mutations in next-generation sequencing. Nature Communications, 2019, 10, 1047.	12.8	43
29	GEN-13 FIREWORK PATTERN OF CANCER GENESIS FOR GLIOBLASTOMA, IDH-WILDTYPE. Neuro-Oncology Advances, 2019, 1, ii8-ii8.	0.7	0
30	Miniature ultrasound ring array transducers for transcranial ultrasound neuromodulation of freely-moving small animals. Brain Stimulation, 2019, 12, 251-255.	1.6	42
31	Brain somatic mutations in MTOR reveal translational dysregulations underlying intractable focal epilepsy. Journal of Clinical Investigation, 2019, 129, 4207-4223.	8.2	45
32	Mechanistic Target of Rapamycin Pathway in Epileptic Disorders. Journal of Korean Neurosurgical Society, 2019, 62, 272-287.	1.2	24
33	Brain somatic mutations in SLC35A2 cause intractable epilepsy with aberrant N-glycosylation. Neurology: Genetics, 2018, 4, e294.	1.9	58
34	BRAF somatic mutation contributes to intrinsic epileptogenicity in pediatric brain tumors. Nature Medicine, 2018, 24, 1662-1668.	30.7	93
35	Human glioblastoma arises from subventricular zone cells with low-level driver mutations. Nature, 2018, 560, 243-247.	27.8	460
36	Brain Somatic Mutations in MTOR Disrupt Neuronal Ciliogenesis, Leading to Focal Cortical Dyslamination. Neuron, 2018, 99, 83-97.e7.	8.1	83

#	Article	IF	Citations
37	Brain Somatic Mutations in Epileptic Disorders. Molecules and Cells, 2018, 41, 881-888.	2.6	18
38	The origin-of-cell harboring cancer-driving mutations in human glioblastoma. BMB Reports, 2018, 51, 481-483.	2.4	9
39	Somatic Mutations in TSC1 and TSC2 Cause Focal Cortical Dysplasia. American Journal of Human Genetics, 2017, 100, 454-472.	6.2	157
40	Next-generation sequencing reveals novel resistance mechanisms and molecular heterogeneity in EGFR-mutant non-small cell lung cancer with acquired resistance to EGFR-TKIs. Lung Cancer, 2017, 113, 106-114.	2.0	48
41	Somatic mutations in disorders with disrupted brain connectivity. Experimental and Molecular Medicine, 2016, 48, e239-e239.	7.7	25
42	Vecuum: identification and filtration of false somatic variants caused by recombinant vector contamination. Bioinformatics, 2016, 32, 3072-3080.	4.1	10
43	Brain somatic mutations in MTOR leading to focal cortical dysplasia. BMB Reports, 2016, 49, 71-72.	2.4	19
44	Brain somatic mutations in MTOR cause focal cortical dysplasia type II leading to intractable epilepsy. Nature Medicine, 2015, 21, 395-400.	30.7	406
45	Molecular genetic decoding of malformations of cortical development. Journal of Genetic Medicine, 2015, 12, 12-18.	0.2	2
46	Evolutionarily Assembled cis-Regulatory Module at a Human Ciliopathy Locus. Science, 2012, 335, 966-969.	12.6	84
47	De novo somatic mutations in components of the PI3K-AKT3-mTOR pathway cause hemimegalencephaly. Nature Genetics, 2012, 44, 941-945.	21.4	628
48	The role of primary cilia in neuronal function. Neurobiology of Disease, 2010, 38, 167-172.	4.4	117
49	Microarray Analysis of Differentially Expressed Genes in the Brains of Tubby Mice. Korean Journal of Physiology and Pharmacology, 2009, 13, 91.	1.2	9
50	Calmodulin dynamically regulates the trafficking of the metabotropic glutamate receptor mGluR5. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12575-12580.	7.1	75
51	Heparin Attenuates the Expression of TNFÎ±-induced Cerebral Endothelial Cell Adhesion Molecule. Korean Journal of Physiology and Pharmacology, 2008, 12, 231.	1.2	7
52	Implementation of Tele-operation Control with Force Feedback of Omini-Directional Mobile Robot (ODMR). , 2007, , .		1
53	Heparin Inhibits NF-ÎºB Activation and Increases Cell Death in Cerebral Endothelial Cells after Oxygen-Glucose Deprivation. Journal of Molecular Neuroscience, 2007, 32, 145-154.	2.3	18
54	Livedoid vasculitis responding to PUVA therapy. International Journal of Dermatology, 2001, 40, 153-157.	1.0	33