

# Hajime Miyata

## List of Publications by Year in descending order

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66  
papers

3,267  
citations

257450

24  
h-index

155660

55  
g-index

71  
all docs

71  
docs citations

71  
times ranked

4005  
citing authors

#	ARTICLE	IF	CITATIONS
1	International consensus classification of hippocampal sclerosis in temporal lobe epilepsy: A Task Force report from the <scp>ILAE</scp> Commission on Diagnostic Methods. <i>Epilepsia</i> , 2013, 54, 1315-1329.	5.1	816
2	Assessment and surgical outcomes for mild type I and severe type II cortical dysplasia: A critical review and the UCLA experience. <i>Epilepsia</i> , 2009, 50, 1310-1335.	5.1	345
3	FDG-PET/MRI coregistration improves detection of cortical dysplasia in patients with epilepsy. <i>Neurology</i> , 2008, 71, 1594-1601.	1.1	295
4	Epileptogenesis in pediatric cortical dysplasia: The dysmature cerebral developmental hypothesis. <i>Epilepsy and Behavior</i> , 2006, 9, 219-235.	1.7	184
5	Defining Clinicoâ€Neuropathological Subtypes of Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. <i>Brain Pathology</i> , 2012, 22, 402-411.	4.1	163
6	Insulin signaling pathways in cortical dysplasia and TSCâ€tubers: Tissue microarray analysis. <i>Annals of Neurology</i> , 2004, 56, 510-519.	5.3	136
7	Low-grade epilepsy-associated neuroepithelial tumours â€” the 2016 WHO classification. <i>Nature Reviews Neurology</i> , 2016, 12, 732-740.	10.1	113
8	International recommendation for a comprehensive neuropathologic workup of epilepsy surgery brain tissue: A consensus Task Force report from the <scp>ILAE</scp> Commission on Diagnostic Methods. <i>Epilepsia</i> , 2016, 57, 348-358.	5.1	110
9	Neurodevelopmental Disorders as a Cause of Seizures: Neuropathologic, Genetic, and Mechanistic Considerations. <i>Brain Pathology</i> , 2002, 12, 212-233.	4.1	105
10	The <scp>ILAE</scp> consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the <scp>ILAE</scp> diagnostic methods commission. <i>Epilepsia</i> , 2022, 63, 1899-1919.	5.1	88
11	Selective subtemporal amygdalohippocampectomy for refractory temporal lobe epilepsy: operative and neuropsychological outcomes. <i>Journal of Neurosurgery</i> , 2007, 106, 134-141.	1.6	81
12	Good interobserver and intraobserver agreement in the evaluation of the new ILAE classification of focal cortical dysplasias. <i>Epilepsia</i> , 2012, 53, 1341-1348.	5.1	63
13	Putaminal lesion in multiple system atrophy: postmortem MR-pathological correlations. <i>Neuroradiology</i> , 2008, 50, 559-567.	2.2	58
14	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. <i>Epilepsia</i> , 2021, 62, 1416-1428.	5.1	54
15	Review: Challenges in the histopathological classification of ganglioglioma and DNT: microscopic agreement studies and a preliminary genotypeâ€phenotype analysis. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 95-107.	3.2	46
16	Ezrin and moesin expression within the developing human cerebrum and tuberous sclerosis-associated cortical tubers. <i>Acta Neuropathologica</i> , 2002, 104, 188-196.	7.7	38
17	Analysis of proliferating neuronal progenitors and immature neurons in the human hippocampus surgically removed from control and epileptic patients. <i>Scientific Reports</i> , 2019, 9, 18194.	3.3	37
18	Lissencephaly with agenesis of corpus callosum and rudimentary dysplastic cerebellum: a subtype of lissencephaly with cerebellar hypoplasia. <i>Acta Neuropathologica</i> , 2004, 107, 69-81.	7.7	34

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19	Brainstem neuropathology in a mouse model of Niemann-Pick disease type C. <i>Journal of the Neurological Sciences</i> , 2008, 268, 108-116.	0.6	31
20	Development of Purkinje cells in humans: an immunohistochemical study using a monoclonal antibody against the inositol 1, 4, 5-triphosphate type 1 receptor (IP 3 R1). <i>Acta Neuropathologica</i> , 1999, 98, 226-232.	7.7	30
21	Surgical pathology of epilepsy-associated non-neoplastic cerebral lesions: A brief introduction with special reference to hippocampal sclerosis and focal cortical dysplasia. <i>Neuropathology</i> , 2013, 33, 442-458.	1.2	30
22	Co-Occurrence of Types 1 and 2 PrPres in Sporadic Creutzfeldt-Jakob Disease MM1. <i>American Journal of Pathology</i> , 2011, 178, 1309-1315.	3.8	29
23	Attenuation of vascularity by preoperative radiosurgery facilitates total removal of a hypervascular hemangioblastoma at the cerebello-pontine angle: Case report. <i>World Neurosurgery</i> , 2004, 62, 238-243.	1.3	27
24	A Japanese girl with leukoencephalopathy with vanishing white matter. <i>Brain and Development</i> , 2001, 23, 58-61.	1.1	25
25	Tissue Microarrays in the Study of Non-Neoplastic Disease of the Nervous System. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002, 61, 653-662.	1.7	25
26	Partial suppression of structural distortion in epitaxially grown $\text{BaBiO}_3$ films. <i>Physical Review B</i> , 2008, 78, .	3.2	23
27	Adult-onset angiocentric glioma of epithelioid cell—predominant type of the mesial temporal lobe suggestive of a rare but distinct clinicopathological subset within a spectrum of angiocentric cortical ependymal tumors. <i>Neuropathology</i> , 2012, 32, 479-491.	1.2	23
28	Toward a refined genotype-phenotype classification scheme for the international consensus classification of Focal Cortical Dysplasia. <i>Brain Pathology</i> , 2021, 31, e12956.	4.1	22
29	Same same but different: A Web-based deep learning application revealed classifying features for the histopathologic distinction of cortical malformations. <i>Epilepsia</i> , 2020, 61, 421-432.	5.1	17
30	Microsomal prostaglandin E synthase-1 is a critical factor in dopaminergic neurodegeneration in Parkinson's disease. <i>Neurobiology of Disease</i> , 2019, 124, 81-92.	4.4	16
31	Excitatory amino acid transporter 2 downregulation correlates with thalamic neuronal death following kainic acid-induced status epilepticus in rat. <i>Neuropathology</i> , 2015, 35, 1-9.	1.2	14
32	Enhanced neurogenesis and possible synaptic reorganization in the piriform cortex of adult rat following kainic acid-induced status epilepticus. <i>Neuropathology</i> , 2018, 38, 135-143.	1.2	14
33	Medulloblastoma in an adult suggestive of external granule cells as its origin: A histological and immunohistochemical study. <i>Brain Tumor Pathology</i> , 1998, 15, 31-35.	1.7	13
34	Benign hereditary chorea 2: Pathological findings in an autopsy case. <i>Neuropathology</i> , 2012, 32, 557-565.	1.2	12
35	Cytomegalovirus ventriculoencephalitis in a reduced-intensity conditioning cord blood transplant recipient. <i>Transplant Infectious Disease</i> , 2010, 12, 441-445.	1.7	11
36	Brainstem Schwannoma —Case Report—. <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 880-883.	2.2	10

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37	Does Edema Formation Occur in the Rabbit Brain Exposed to Head-Down Tilt?. <i>The Japanese Journal of Physiology</i> , 2000, 50, 141-147.	0.9	10
38	A case of Tolosa-Hunt syndrome affecting both the cavernous sinuses and the hypophysis, and associated with C3 and C4 aneurysms. <i>World Neurosurgery</i> , 2006, 65, 304-307.	1.3	10
39	Pyramidal tract abnormalities in the human fetus and infant with trisomy 18 syndrome. <i>Neuropathology</i> , 2014, 34, 219-226.	1.2	9
40	Alpha-like activity in terminal stage of Creutzfeldt-Jakob disease. <i>Acta Neurologica Scandinavica</i> , 2001, 104, 118-122.	2.1	8
41	Immunohistochemical expression of fibroblast growth factor (FGF)-2 in epilepsy-associated malformations of cortical development (MCDs). <i>Neuropathology</i> , 2008, 28, 372-381.	1.2	8
42	Variable histopathology features of neuronal dyslamination in the cerebral neocortex adjacent to epilepsy-associated vascular malformations suggest complex pathogenesis of focal cortical dysplasia ILAE type IIIc. <i>Brain Pathology</i> , 2022, 32, e13052.	4.1	8
43	Lens Epithelial Cell Damage and Apoptosis in Atopic Cataract Histopathological and Immunohistochemical Studies. <i>Japanese Journal of Ophthalmology</i> , 2000, 44, 695-696.	1.9	7
44	Pathologically Confirmed Cryptic Vascular Malformation as a Cause of Convexity Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2012, 70, E1322-E1328.	1.1	6
45	6-Formylpterin protects retinal neurons from transient ischemia-reperfusion injury in rats: A morphological and immunohistochemical study. <i>Neuropathology</i> , 2003, 23, 161-168.	1.2	5
46	Mixed germ cell tumors with abundant sarcomatous component in the temporal lobe after radiochemotherapy of neurohypophyseal germinoma: a case report. <i>Brain Tumor Pathology</i> , 2006, 23, 83-89.	1.7	5
47	Immunohistochemical expression of fibroblast growth factor-2 in developing human cerebrum and epilepsy-associated malformations of cortical development. <i>Neuropathology</i> , 2011, 31, 589-598.	1.2	5
48	Pathological Consideration for Hemostatic Clot on Ruptured Cerebral Aneurysms. <i>Surgery for Cerebral Stroke</i> , 2012, 40, 223-228.	0.0	5
49	A topographic analysis of the proliferating tumor cells in an autopsied brain with infiltrative thalamic glioma. <i>Brain Tumor Pathology</i> , 2002, 19, 5-10.	1.7	4
50	High pressure synthesis and properties of ternary titanium (III) fluorides in the system $KF-TiF_3$ containing regular pentagonal bipyramids $[TiF_7]$ . <i>Journal of Solid State Chemistry</i> , 2010, 183, 256-261.	2.9	4
51	Protective effects of connexins in atheromatous plaques in patients of carotid artery stenosis. <i>Neuropathology</i> , 2017, 37, 97-104.	1.2	4
52	Craniopharyngioma With High FDG Uptake. <i>Clinical Nuclear Medicine</i> , 2012, 37, 77-79.	1.3	3
53	Thyrotoxicosis Presenting as Unilateral Drop Foot. <i>Internal Medicine</i> , 2017, 56, 2053-2056.	0.7	3
54	Inositol 1,4,5-Triphosphate Receptor Protein Immunohistochemistry of Cerebellar Purkinje Cells in Two Dogs with Hypoglycemia. <i>Veterinary Pathology</i> , 2004, 41, 82-86.	1.7	2

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55	Postmortem analysis of pallidotomy in Parkinson's disease. <i>Journal of Neurology</i> , 2005, 252, 100-102.	3.6	2
56	Temporal analysis of histopathology and cytokine expression in the rat cerebral cortex after insulin-induced hypoglycemia. <i>Neuropathology</i> , 2020, 40, 240-250.	1.2	2
57	Dual pathology in a patient with temporal lobe epilepsy associated with neocortical glial scar after brain abscess and end folium sclerosis/hippocampal sclerosis type 3. <i>Neuropathology</i> , 2021, 41, 42-48.	1.2	2
58	N-linked Oligosaccharides Predominantly Distribute in Rat Cerebellar Cortex. <i>Okajimas Folia Anatomica Japonica</i> , 2001, 78, 129-140.	1.2	2
59	Isolated cortical tuber in an infant with genetically confirmed tuberous sclerosis complex 1 presenting with symptomatic West syndrome. <i>Neuropathology</i> , 2021, 41, 58-64.	1.2	1
60	Application of Energy-dispersive X-ray Microanalysis on the Diagnosis of Atypical Calcific Band Keratopathy. <i>Okajimas Folia Anatomica Japonica</i> , 2005, 82, 19-24.	1.2	1
61	Analysis of Carotid Plaque Using Virtual Histology IVUS During Carotid Endarterectomy: Comparison with Pathological Findings. <i>Surgery for Cerebral Stroke</i> , 2011, 39, 323-328.	0.0	1
62	Pathological Considerations for Ruptured and Fusiform Aneurysms at the Distal Posterior Inferior Cerebellar Artery: Two Case Reports. <i>Surgery for Cerebral Stroke</i> , 2011, 39, 58-62.	0.0	1
63	Tumefactive eosinophil-rich non-granulomatous small vessel vasculitis in the cerebrum in a patient with idiopathic hypereosinophilic syndrome. <i>Neuropathology</i> , 2022, , .	1.2	1
64	Application of Stress Intensity Factors for Deep Surface Cracks to Crack Growth Evaluation. , 2013, , .		0
65	Long-term survival of a patient with carcinomatous meningitis caused by non-small cell lung cancer: The advantage of absence of primary tumor recurrence. <i>Neurology and Clinical Neuroscience</i> , 2015, 3, 226-228.	0.4	0
66	Stochastic process of pragmatic information for 2D spiral wave turbulence in globally and locally coupled Alief-Panfilov oscillators. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0