

Nobukazu Miyamoto

List of Publications by Year in descending order

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47
papers

1,378
citations

394421

19
h-index

345221

36
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47
docs citations

47
times ranked

2111
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes Promote Oligodendrogenesis after White Matter Damage via Brain-Derived Neurotrophic Factor. <i>Journal of Neuroscience</i> , 2015, 35, 14002-14008.	3.6	183
2	Oligodendrocyte precursors induce early blood-brain barrier opening after white matter injury. <i>Journal of Clinical Investigation</i> , 2013, 123, 782-6.	8.2	140
3	Oxidative Stress Interferes With White Matter Renewal After Prolonged Cerebral Hypoperfusion in Mice. <i>Stroke</i> , 2013, 44, 3516-3521.	2.0	130
4	Age-Related Decline in Oligodendrogenesis Retards White Matter Repair in Mice. <i>Stroke</i> , 2013, 44, 2573-2578.	2.0	90
5	Crosstalk between cerebral endothelium and oligodendrocyte. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1055-1066.	5.4	85
6	Phosphodiesterase III Inhibition Promotes Differentiation and Survival of Oligodendrocyte Progenitors and Enhances Regeneration of Ischemic White Matter Lesions in the Adult Mammalian Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 299-310.	4.3	81
7	Astrocyte-Derived Exosomes Treated With a Semaphorin 3A Inhibitor Enhance Stroke Recovery via Prostaglandin D ₂ Synthase. <i>Stroke</i> , 2018, 49, 2483-2494.	2.0	78
8	The effects of A1/A2 astrocytes on oligodendrocyte lineage cells against white matter injury under prolonged cerebral hypoperfusion. <i>Glia</i> , 2020, 68, 1910-1924.	4.9	67
9	Subcortical ischemic vascular disease: Roles of oligodendrocyte function in experimental models of subcortical white-matter injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 187-198.	4.3	47
10	Demographic, Clinical, and Radiologic Predictors of Neurologic Deterioration in Patients with Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, 205-210.	1.6	46
11	Influenza-associated MOG antibody-positive longitudinally extensive transverse myelitis: a case report. <i>BMC Neurology</i> , 2014, 14, 224.	1.8	40
12	Adrenomedullin promotes differentiation of oligodendrocyte precursor cells into myelin-basic-protein expressing oligodendrocytes under pathological conditions in vitro. <i>Stem Cell Research</i> , 2015, 15, 68-74.	0.7	31
13	Aging, Aortic Arch Calcification, and Multiple Brain Infarcts Are Associated with Aortogenic Brain Embolism. <i>Cerebrovascular Diseases</i> , 2013, 35, 282-290.	1.7	28
14	A-Kinase Anchor Protein 12 Is Required for Oligodendrocyte Differentiation in Adult White Matter. <i>Stem Cells</i> , 2018, 36, 751-760.	3.2	27
15	Protein Kinase A-Dependent Suppression of Reactive Oxygen Species in Transient Focal Ischemia in Adrenomedullin-Deficient Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1769-1779.	4.3	25
16	Rosuvastatin may stabilize atherosclerotic aortic plaque: Transesophageal echocardiographic study in the EPISTEME trial. <i>Atherosclerosis</i> , 2015, 239, 476-482.	0.8	24
17	Adequate Adherence to Direct Oral Anticoagulant is Associated with Reduced Ischemic Stroke Severity in Patients with Atrial Fibrillation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1773-1780.	1.6	23
18	Protective Role of Levetiracetam Against Cognitive Impairment And Brain White Matter Damage in Mouse prolonged Cerebral Hypoperfusion. <i>Neuroscience</i> , 2019, 414, 255-264.	2.3	22

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19	Pathophysiological dual action of adiponectin after transient focal ischemia in mouse brain. <i>Brain Research</i> , 2009, 1297, 169-176.	2.2	19
20	The Effects of Astrocyte and Oligodendrocyte Lineage Cell Interaction on White Matter Injury under Chronic Cerebral Hypoperfusion. <i>Neuroscience</i> , 2019, 406, 167-175.	2.3	19
21	Pleiotropic Effects of Exosomes as a Therapy for Stroke Recovery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6894.	4.1	16
22	Benefits of Prestroke Use of Angiotensin Type 1 Receptor Blockers on Ischemic Stroke Severity. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2012, 21, 363-368.	1.6	14
23	Analysis of the Usefulness of the WORSEN Score for Predicting the Deterioration of Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2834-2839.	1.6	14
24	Analysis of Clinical Symptoms and Brain MRI of Heat Stroke: 2 Case Reports and a Literature Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104511.	1.6	14
25	Specific mechanisms of subarachnoid hemorrhage accompanied by ischemic stroke in essential thrombocythemia: two case reports and a literature review. <i>Journal of Neurology</i> , 2019, 266, 1869-1878.	3.6	13
26	AKAP12 Supports Blood-Brain Barrier Integrity against Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9078.	4.1	11
27	Adrenomedullin Deficiency and Aging Exacerbate Ischemic White Matter Injury after Prolonged Cerebral Hypoperfusion in Mice. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	10
28	Arterial Thoracic Outlet Syndrome and Cerebellar Infarction Following a Stress Fracture of the First Rib and Extensive Callus Formation. <i>JBJS Case Connector</i> , 2017, 7, e64-e64.	0.3	10
29	Characteristics of Clinical Symptoms, Cerebral Images and Stroke Etiology in Vertebro-Basilar Artery Fenestration-Related Infarction. <i>Brain Sciences</i> , 2020, 10, 243.	2.3	9
30	Pontine hemorrhage accompanied by neuromyelitis optica spectrum disorder. <i>Journal of Neuroimmunology</i> , 2019, 330, 19-22.	2.3	8
31	The Importance of Combined Antithrombotic Treatment for Capsular Warning Syndrome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3095-3099.	1.6	7
32	Endothelial Cell Proliferation in Swine Experimental Aneurysm after Coil Embolization. <i>PLoS ONE</i> , 2014, 9, e89047.	2.5	7
33	Cerebral artery dissection secondary to antiphospholipid syndrome: A report of two cases and a literature review. <i>Lupus</i> , 2021, 30, 118-124.	1.6	6
34	Limb-Shaking Transient Ischemic Attack Induced by Middle Cerebral Artery Dissection after Lung Surgery. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, e197-e198.	1.6	4
35	Possible Neuroprotective Effects of L-Carnitine on White-Matter Microstructural Damage and Cognitive Decline in Hemodialysis Patients. <i>Nutrients</i> , 2021, 13, 1292.	4.1	4
36	Acute Hearing Loss Caused by Decreasing Anterior Inferior Cerebellar Arterial Perfusion in a Patient with Vertebral Artery Stenosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, e119-e121.	1.6	3

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37	Fatal ischemic stroke caused by cerebral small arteritis in a patient with giant cell arteritis. Journal of the Neurological Sciences, 2018, 391, 22-24.	0.6	3
38	Bilateral Caudate Nucleus Infarctions Following Upper Gastrointestinal Bleeding. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, e219-e220.	1.6	3
39	Conjugate Eye Deviation Caused by Upper Medial Medullary Infarction: A Case Report. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, e221-e223.	1.6	3
40	Pioglitazone Prevents Hemorrhagic Infarction After Transient Focal Ischemia in Type 2 Diabetes. Neuroscience Research, 2021, 170, 314-321.	1.9	3
41	Cerebral Microbleeds and Chronic Kidney Disease in Acute Ischemic Stroke Patients with Atrial Fibrillation. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104650.	1.6	3
42	Three Cases of Cervicocephalic Artery Dissection in an Amusement Park. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, e467-e471.	1.6	2
43	Differences in tissue proliferation and maturation between Matrix2 and bare platinum coil embolization in experimental swine aneurysms. Journal of Neuroradiology, 2016, 43, 43-50.	1.1	2
44	Analysis for Stroke Etiology in Duplicated/Accessory MCA-Related Cerebral Infarction: Two Case Report and Brief Literature Review. Diagnostics, 2021, 11, 205.	2.6	2
45	Histological and Transmission Electron Microscopy Results after Embolization with HydroSoft/HydroFrame Coils in Experimental Swine Aneurysm. BioMed Research International, 2019, 2019, 1-9.	1.9	1
46	Temporal Profile of CT and T2*-Weighted Gradient-Echo MRI in a Patient with Unilateral Thalamostriate Vein Thrombosis. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 389-391.	1.6	1
47	Consideration on the perioperative management of Parkinson's disease patients after deep brain stimulation: A case of septic shock. Journal of the Japanese Society of Intensive Care Medicine, 2019, 26, 407-408.	0.0	0