Masahito Kawabori

List of Publications by Year
in descending order

64	1,758	304368 22	288905 40
papers	citations	h-index	g-index

67	67	67	2579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Triggering Receptor Expressed on Myeloid Cells 2 (TREM2) Deficiency Attenuates Phagocytic Activities of Microglia and Exacerbates Ischemic Damage in Experimental Stroke. Journal of Neuroscience, 2015, 35, 3384-3396.	1.7	277
2	Inflammatory Responses in Brain Ischemia. Current Medicinal Chemistry, 2015, 22, 1258-1277.	1.2	210
3	The role of the microglia in acute CNS injury. Metabolic Brain Disease, 2015, 30, 381-392.	1.4	116
4	Clinical Trials of Stem Cell Therapy for Cerebral Ischemic Stroke. International Journal of Molecular Sciences, 2020, 21, 7380.	1.8	92
5	Intracerebral, but not intravenous, transplantation of bone marrow stromal cells enhances functional recovery in rat cerebral infarct: An optical imaging study. Neuropathology, 2012, 32, 217-226.	0.7	67
6	Clinical Trials of Stem Cell Treatment for Spinal Cord Injury. International Journal of Molecular Sciences, 2020, 21, 3994.	1.8	59
7	Timing and cell dose determine therapeutic effects of bone marrow stromal cell transplantation in rat model of cerebral infarct. Neuropathology, 2013, 33, 140-148.	0.7	51
8	Near-Infrared Fluorescence Labeling Allows Noninvasive Tracking of Bone Marrow Stromal Cells Transplanted Into Rat Infarct Brain. Neurosurgery, 2011, 68, 1036-1047.	0.6	46
9	FTY720 (Fingolimod) Ameliorates Brain Injury through Multiple Mechanisms and is a Strong Candidate for Stroke Treatment. Current Medicinal Chemistry, 2020, 27, 2979-2993.	1.2	45
10	Clinical significance of STA-MCA double anastomosis for hemodynamic compromise in post-JET/COSS era. Acta Neurochirurgica, 2014, 156, 77-83.	0.9	43
11	Research on advanced intervention using novel bone marrOW stem cell (RAINBOW): a study protocol for a phase I, open-label, uncontrolled, dose-response trial of autologous bone marrow stromal cell transplantation in patients with acute ischemic stroke. BMC Neurology, 2017, 17, 179.	0.8	42
12	Cell Therapy for Chronic TBI. Neurology, 2021, 96, .	1.5	41
13	Brain Structure, Connectivity, and Cognitive Changes Following Revascularization Surgery in Adult Moyamoya Disease. Neurosurgery, 2019, 85, E943-E952.	0.6	38
14	Therapeutic Effects of Intra-Arterial Delivery of Bone Marrow Stromal Cells in Traumatic Brain Injury of Ratsâ€"In Vivo Cell Tracking Study by Near-Infrared Fluorescence Imaging. Neurosurgery, 2012, 70, 435-444.	0.6	34
15	FTY720 Protects Against Ischemiaâ€"Reperfusion Injury by Preventing the Redistribution of Tight Junction Proteins and Decreases Inflammation in the Subacute Phase in an Experimental Stroke Model. Translational Stroke Research, 2020, 11, 1103-1116.	2.3	34
16	Characteristics of Symptomatic Intracerebral Hemorrhage in Patient Receiving Direct Oral Anticoagulants: Comparison with Warfarin. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1338-1342.	0.7	28
17	Triggering Receptor Expressed on Myeloid Cells-2 Correlates to Hypothermic Neuroprotection in Ischemic Stroke. Therapeutic Hypothermia and Temperature Management, 2013, 3, 189-198.	0.3	27
18	Transplanted bone marrow stromal cells protect neurovascular units and ameliorate brain damage in strokeâ€prone spontaneously hypertensive rats. Neuropathology, 2012, 32, 522-533.	0.7	26

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19	A possible mechanism of isolated oculomotor nerve palsy by apoplexy of pituitary adenoma without cavernous sinus invasion: a report of two cases. Acta Neurochirurgica, 2011, 153, 2453-2456.	0.9	24
20	Cervical Epidural Arteriovenous Fistula With Radiculopathy Mimicking Cervical Spondylosis -Case Report-. Neurologia Medico-Chirurgica, 2009, 49, 108-113.	1.0	23
21	Spontaneous Giant Aneurysm of the Superficial Temporal Artery -Case Report-. Neurologia Medico-Chirurgica, 2009, 49, 198-201.	1.0	23
22	Biological Features of Human Bone Marrow Stromal Cells (hBMSC) Cultured with Animal Protein-Free Mediumâ€"Safety and Efficacy of Clinical Use for Neurotransplantation. Translational Stroke Research, 2011, 2, 307-315.	2.3	23
23	Association of cognitive function with cerebral blood flow in children with moyamoya disease. Journal of Neurosurgery: Pediatrics, 2020, 25, 62-68.	0.8	23
24	Sphingolipids in cardiovascular and cerebrovascular systems: Pathological implications and potential therapeutic targets. World Journal of Cardiology, 2013, 5, 75.	0.5	23
25	Effective Surgical Revascularization Improves Cerebral Hemodynamics and Resolves Headache in Pediatric Moyamoya Disease. World Neurosurgery, 2013, 80, 612-619.	0.7	22
26	Efficacy of â€˜drive and retrieveâ€™ as a cooperative method for prompt endovascular treatment for acute ischemic stroke. Journal of NeuroInterventional Surgery, 2019, 11, 757-761.	2.0	21
27	Postoperative Intracerebral Hemorrhage After Combined Revascularization Surgery in Moyamoya Disease: Profiles and Clinical Associations. World Neurosurgery, 2018, 120, e593-e600.	0.7	20
28	Susceptibility-Weighted Magnetic Resonance Imaging Detects Impaired Cerebral Hemodynamics in the Superior Sagittal Sinus Thrombosis -Case Report-. Neurologia Medico-Chirurgica, 2009, 49, 248-251.	1.0	18
29	[18F]DPA-714 PET imaging shows immunomodulatory effect of intravenous administration of bone marrow stromal cells after transient focal ischemia. EJNMMI Research, 2018, 8, 35.	1.1	18
30	FTY720 Attenuates Neuropathic Pain after Spinal Cord Injury by Decreasing Systemic and Local Inflammation in a Rat Spinal Cord Compression Model. Journal of Neurotrauma, 2020, 37, 1720-1728.	1.7	16
31	Carotid Endarterectomy for Internal Carotid Artery Stenosis Associated with Persistent Primitive Hypoglossal Artery: Efficacy of Intraoperative Multi-modality Monitoring. Minimally Invasive Neurosurgery, 2009, 52, 263-266.	0.9	15
32	Cerebral Hyperperfusion Syndrome After Revascularization Surgery in Moyamoya Disease: Region-Symptom Mapping and Estimating a Critical Threshold. World Neurosurgery, 2018, 114, e388-e395.	0.7	15
33	Bone Marrow Stromal Cell Transplantation Attenuates Cognitive Dysfunction due to Chronic Cerebral Ischemia in Rats. Dementia and Geriatric Cognitive Disorders, 2010, 30, 293-301.	0.7	14
34	Vascular Smooth Muscle Cell Derived from IPS Cell of Moyamoya Disease - Comparative Characterization with Endothelial Cell Transcriptome. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105305.	0.7	14
35	Long-Term Clinical Outcome and Prognosis After Thrombectomy in Patients With Concomitant Malignancy. Frontiers in Neurology, 2020, 11, 572589.	1.1	14
36	Cervical Myelopathy by C1 Posterior Tubercle Impingement in a Patient With DISH. Spine, 2009, 34, E709-E711.	1.0	13

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37	Visualization of the Superparamagnetic Iron Oxide (SPIO)-Labeled Bone Marrow Stromal Cells Using a 3.0-T MRIâ€"a Pilot Study for Clinical Testing of Neurotransplantation. Translational Stroke Research, 2012, 3, 99-106.	2.3	13
38	Mesenchymal Stem Cell Sheet Promotes Functional Recovery and Palliates Neuropathic Pain in a Subacute Spinal Cord Injury Model. Stem Cells International, 2021, 2021, 1-18.	1.2	13
39	Bilateral Chronic Subdural Hematomas of the Posterior Fossae. Neurologia Medico-Chirurgica, 2012, 52, 822-825.	1.0	11
40	Combined structural and diffusion tensor imaging detection of ischemic injury in moyamoya disease: relation to disease advancement and cerebral hypoperfusion. Journal of Neurosurgery, 2020, 134, 1-10.	0.9	11
41	Intracerebral Hemorrhage From a Ruptured Aneurysm at the Site of Anastomosis 27 Years After Superficial Temporal Artery-Middle Cerebral Artery Bypass -Case Report-. Neurologia Medico-Chirurgica, 2010, 50, 1012-1014.	1.0	10
42	Neurohypophyseal germinoma with abundant fibrous tissue. Brain Tumor Pathology, 2012, 29, 58-62.	1.1	10
43	Serial Arterial Spin Labeling May Be Useful in Assessing the Therapeutic Course of Cerebral Venous Thrombosis: Case Reports. Neurologia Medico-Chirurgica, 2017, 57, 557-561.	1.0	10
44	Evaluation of Novel Stereotactic Cannula for Stem Cell Transplantation against Central Nervous System Disease. Stem Cells International, 2020, 2020, 1-8.	1.2	10
45	Human Recombinant Peptide Sponge Enables Novel, Less Invasive Cell Therapy for Ischemic Stroke. Stem Cells International, 2018, 2018, 1-8.	1.2	7
46	The validity of the acute stroke assessment using rapid pseudo-continuous arterial spin labeling (ASAP-ASL) method for acute thrombectomy. Journal of Neurosurgical Sciences, 2021, 65, 480-485.	0.3	7
47	Therapeutic Strategies for Patients with Internal Carotid or Middle Cerebral Artery Occlusion Complicated by Severe Coronary Artery Disease. World Neurosurgery, 2010, 73, 345-350.	0.7	5
48	Reversible Cerebral Angiopathy after Viral Infection in a Pediatric Patient with Genetic Variant of RNF213. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104549.	0.7	5
49	Spontaneous Echo Contrast and Thrombus Formation at the Carotid Bifurcation After Carotid Endarterectomy. Neurologia Medico-Chirurgica, 2012, 52, 885-891.	1.0	4
50	Diagnostic impact of baseline cerebral blood flow in patients with acute ischemic stroke prior to intravenous recombinant tissue plasminogen activator therapy. Clinical Neurology and Neurosurgery, 2013, 115, 1464-1469.	0.6	4
51	Mollaret Meningitis with a High Level of Cytokines in the Cerebrospinal Fluid Successfully Treated by Indomethacin. Internal Medicine, 2019, 58, 1163-1166.	0.3	4
52	Experience of 123I-iomazenil SPECT study for crossed cerebellocerebral diaschisis: Report of two cases. Clinical Neurology and Neurosurgery, 2012, 114, 1274-1276.	0.6	3
53	Direct common carotid artery puncture for acute thrombectomy against ischemic stroke. Journal of Neurosurgical Sciences, 2018, 62, 612-614.	0.3	3
54	Intraoperative real-time identification of abnormal vessels within the bright field by superselective arterial injection of saline and its slow-motion recording using a high frame rate digital camera during surgical treatment of spinal arteriovenous shunts: technical note. Journal of Neurosurgery: Spine, 2018, 29, 576-581.	0.9	3

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55	Outcomes of Combined Revascularization Surgery for Moyamoya Disease without Preoperative Cerebral Angiography. World Neurosurgery, 2022, 165, e446-e451.	0.7	3
56	Intravenous transplantation of amnion-derived mesenchymal stem cells promotes functional recovery and alleviates intestinal dysfunction after spinal cord injury. PLoS ONE, 2022, 17, e0270606.	1.1	3
57	Pituitary Apoplexy Manifesting as Massive Intracerebral Hemorrhage. Neurologia Medico-Chirurgica, 2012, 52, 587-590.	1.0	2
58	Neuroprotective effects of combination therapy of regional cold perfusion and hemoglobin-based oxygen carrier administration on rat transient cerebral ischemia. Brain Research, 2020, 1746, 147012.	1.1	1
59	Route, Cell Dose, and Timing. , 2017, , 73-85.		0
60	Identification of plaque location using intraoperative indocyanine green during carotid endarterectomy for patient with near occlusion. Journal of Neurosurgical Sciences, 2021, 65, 397-401.	0.3	0
61	A Rare Case of Idiopathic Temporal Muscle Abscess in a Nine-month-old Infant. Internal Medicine, 2019, 58, 2699-2702.	0.3	0
62	Cell Therapy against CNS Diseases : Current Status and Future Perspectives. Japanese Journal of Neurosurgery, 2020, 29, 777-783.	0.0	0
63	Induction of large cerebral aneurysms by intraperitoneal administration of Î²-aminopropionitrile fumarate in male rats. Journal of Neurosurgical Sciences, 2020, , .	0.3	0
64	Stem Cell Therapy for Traumatic Brain Injury : The Current and Future Perspectives. Japanese Journal of Neurosurgery, 2022, 31, 154-158.	0.0	0