

Masahiro Kameda

List of Publications by Year in descending order

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69
papers

1,802
citations

304743

22
h-index

289244

40
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74
all docs

74
docs citations

74
times ranked

2869
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for Management of Idiopathic Normal Pressure Hydrocephalus (Third Edition): Endorsed by the Japanese Society of Normal Pressure Hydrocephalus. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 63-97.	2.2	203
2	Intravenous administration of mesenchymal stem cells exerts therapeutic effects on parkinsonian model of rats: Focusing on neuroprotective effects of stromal cell-derived factor-1 α . <i>BMC Neuroscience</i> , 2010, 11, 52.	1.9	140
3	Electrical Stimulation of the Cerebral Cortex Exerts Antiapoptotic, Angiogenic, and Anti-Inflammatory Effects in Ischemic Stroke Rats Through Phosphoinositide 3-Kinase/Akt Signaling Pathway. <i>Stroke</i> , 2009, 40, e598-605.	2.0	112
4	Anti-high mobility group box 1 antibody exerts neuroprotection in a rat model of Parkinson's disease. <i>Experimental Neurology</i> , 2016, 275, 220-231.	4.1	109
5	Neuroprotective Effects of Liraglutide for Stroke Model of Rats. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21513-21524.	4.1	104
6	Embryonic neural stem cells transplanted in middle cerebral artery occlusion model of rats demonstrated potent therapeutic effects, compared to adult neural stem cells. <i>Brain Research</i> , 2008, 1234, 172-182.	2.2	94
7	Intra-Arterial Transplantation of Allogeneic Mesenchymal Stem Cells Mounts Neuroprotective Effects in a Transient Ischemic Stroke Model in Rats: Analyses of Therapeutic Time Window and Its Mechanisms. <i>PLoS ONE</i> , 2015, 10, e0127302.	2.5	86
8	Animal Models for Parkinson's Disease Research: Trends in the 2000s. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5402.	4.1	86
9	Neuroprotective effects of edaravone-administration on 6-OHDA-treated dopaminergic neurons. <i>BMC Neuroscience</i> , 2008, 9, 75.	1.9	71
10	Cell Therapy for Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 1551-1559.	2.5	70
11	Cell therapy for central nervous system disorders: Current obstacles to progress. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 595-602.	3.9	47
12	Striatal Stimulation Nurtures Endogenous Neurogenesis and Angiogenesis in Chronic-Phase Ischemic Stroke Rats. <i>Cell Transplantation</i> , 2011, 20, 1049-1064.	2.5	41
13	Comparison of the therapeutic potential of adult and embryonic neural precursor cells in a rat model of Parkinson disease. <i>Journal of Neurosurgery</i> , 2008, 108, 149-159.	1.6	35
14	Delayed postoperative hyponatremia after endoscopic transsphenoidal surgery for pituitary adenoma. <i>Acta Neurochirurgica</i> , 2019, 161, 707-715.	1.7	34
15	Cost-effectiveness analysis of shunt surgery for idiopathic normal pressure hydrocephalus based on the SINPHONI and SINPHONI-2 trials. <i>Acta Neurochirurgica</i> , 2017, 159, 995-1003.	1.7	33
16	Spinal Cord Stimulation Exerts Neuroprotective Effects against Experimental Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e101468.	2.5	32
17	Electrical Stimulation Enhances Migratory Ability of Transplanted Bone Marrow Stromal Cells in a Rodent Ischemic Stroke Model. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 57-68.	1.6	31
18	A Segmental Copy Number Loss of the SFMBT1 Gene Is a Genetic Risk for Shunt-Responsive, Idiopathic Normal Pressure Hydrocephalus (iNPH): A Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0166615.	2.5	30

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19	The neuroprotective and neurorescue effects of carbamylated erythropoietin Fc fusion protein (CEPO-Fc) in a rat model of Parkinson's disease. <i>Brain Research</i> , 2013, 1502, 55-70.	2.2	28
20	BDNF-secreting capsule exerts neuroprotective effects on epilepsy model of rats. <i>Brain Research</i> , 2011, 1368, 281-289.	2.2	27
21	Mannitol enhances therapeutic effects of intra-arterial transplantation of mesenchymal stem cells into the brain after traumatic brain injury. <i>Neuroscience Letters</i> , 2013, 554, 156-161.	2.1	27
22	Urinary 8-OHdG elevations in a partial lesion rat model of parkinson's disease correlate with behavioral symptoms and nigrostriatal dopaminergic depletion. <i>Journal of Cellular Physiology</i> , 2011, 226, 1390-1398.	4.1	26
23	Cell encapsulation enhances antidepressant effect of the mesenchymal stem cells and counteracts depressive-like behavior of treatment-resistant depressed rats. <i>Molecular Psychiatry</i> , 2020, 25, 1202-1214.	7.9	24
24	Erythropoietin exerts anti-epileptic effects with the suppression of aberrant new cell formation in the dentate gyrus and upregulation of neuropeptide Y in seizure model of rats. <i>Brain Research</i> , 2009, 1296, 127-136.	2.2	22
25	Cognitive functions in Parkinson's disease: Relation to disease severity and hallucination. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 415-420.	2.2	20
26	Congenital Glioblastoma with Distinct Clinical and Molecular Characteristics: Case Reports and a Literature Review. <i>World Neurosurgery</i> , 2017, 101, 817.e5-817.e14.	1.3	20
27	Hippocampal neurogenesis of Wistar Kyoto rats is congenitally impaired and correlated with stress resistance. <i>Behavioural Brain Research</i> , 2017, 329, 148-156.	2.2	17
28	Vagus Nerve Stimulation with Mild Stimulation Intensity Exerts Anti-Inflammatory and Neuroprotective Effects in Parkinson's Disease Model Rats. <i>Biomedicine</i> , 2021, 9, 789.	3.2	17
29	Long-Term Continuous Cervical Spinal Cord Stimulation Exerts Neuroprotective Effects in Experimental Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 164.	3.4	16
30	A Case of Unexpected Symptomatic Vasospasm after Clipping Surgery for an Unruptured Intracranial Aneurysm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, e25-e27.	1.6	13
31	Simultaneous combination of electromagnetic navigation with visual evoked potential in endoscopic transsphenoidal surgery: clinical experience and technical considerations. <i>Acta Neurochirurgica</i> , 2017, 159, 1043-1048.	1.7	13
32	Efficacy of Dural Sealant System for Preventing Brain Shift and Improving Accuracy in Deep Brain Stimulation Surgery. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 199-205.	2.2	13
33	Precise MEP monitoring with a reduced interval is safe and useful for detecting permissive duration for temporary clipping. <i>Scientific Reports</i> , 2020, 10, 3507.	3.3	12
34	Study protocol of a Phase I/IIa clinical trial of Ad-SGE-REIC for treatment of recurrent malignant glioma. <i>Future Oncology</i> , 2020, 16, 151-159.	2.4	12
35	Efficacy of Fiber Tractography in the Stereotactic Surgery of the Thalamus for Patients with Essential Tremor. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 392-401.	2.2	11
36	Lithium counteracts depressive behavior and augments the treatment effect of selective serotonin reuptake inhibitor in treatment-resistant depressed rats. <i>Brain Research</i> , 2019, 1717, 52-59.	2.2	10

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37	The therapeutic potential of human umbilical cord blood transplantation for neonatal hypoxic-ischemic brain injury and ischemic stroke. <i>Acta Medica Okayama</i> , 2012, 66, 429-34.	0.2	10
38	Perioperative Management Center (PERIO) for Neurosurgical Patients. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 574-579.	2.2	9
39	Combination of the tubular retractor and brain spatulas provides an adequate operative field in surgery for deep-seated lesions: Case series and technical note. , 2018, 9, 220.		9
40	Regenerative Medicine for Epilepsy: From Basic Research to Clinical Application. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23390-23401.	4.1	8
41	Regenerative Medicine for Parkinson's Disease. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 113-123.	2.2	8
42	Characteristics and prognostic factors of Parkinson's disease patients with abnormal postures subjected to subthalamic nucleus deep brain stimulation. <i>Parkinsonism and Related Disorders</i> , 2018, 57, 44-49.	2.2	8
43	Detailed Arterial Anatomy and Its Anastomoses of the Sphenoid Ridge and Olfactory Groove Meningiomas with Special Reference to the Recurrent Branches from the Ophthalmic Artery. <i>American Journal of Neuroradiology</i> , 2020, 41, 2082-2087.	2.4	8
44	Long-Term Potentiation Enhances Neuronal Differentiation in the Chronic Hypoperfusion Model of Rats. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 29.	3.4	7
45	Identification of Somatotopic Organization and Optimal Stimulation Site Within the Subthalamic Nucleus for Parkinson's Disease. <i>Operative Neurosurgery</i> , 2019, 17, 239-246.	0.8	7
46	Hemodynamic features of offending vessels at neurovascular contact in patients with trigeminal neuralgia and hemifacial spasm. <i>Journal of Neurosurgery</i> , 2019, 130, 1870-1876.	1.6	6
47	Huge abdominal cerebrospinal fluid pseudocyst following ventriculoperitoneal shunt: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 361.	0.8	6
48	Utilization of a Simple Surgical Guide for Multidirectional Cranial Distraction Osteogenesis in Craniosynostosis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2797.	0.6	6
49	Pregnancy and delivery after myelomeningocele repair, ventriculoperitoneal shunt implantation, and augmentation cystoplasty. <i>Child's Nervous System</i> , 2017, 33, 1015-1017.	1.1	5
50	Growth Curves for Intracranial Volume and Two-dimensional Parameters for Japanese Children without Cranial Abnormality: Toward Treatment of Craniosynostosis. <i>Neurologia Medico-Chirurgica</i> , 2022, 62, 89-96.	2.2	5
51	Spinal Surgery after Bilateral Subthalamic Stimulation for Patients with Parkinson's Disease: A Retrospective Outcome Analysis of Pain and Functional Control. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 607-618.	2.2	3
52	Traumatic Globe Luxation with Complete Optic Nerve Transection Caused by Heavy Object Compression. <i>Acta Medica Okayama</i> , 2018, 72, 85-88.	0.2	3
53	Frameless Stereotactic Biopsy with Intraoperative Computed Tomography "Assessment of Efficacy and Real Target Registration Error". <i>Neurologia Medico-Chirurgica</i> , 2022, 62, 195-202.	2.2	2
54	GDNF-pretreatment enhances the survival of neural stem cells following transplantation in Parkinson's disease model of rats: Q-dot imaging for transplanted cells. <i>Neuroscience Research</i> , 2010, 68, e356.	1.9	1

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55	Morphological improvement after multi-directional cranial distraction osteogenesis procedure for syndromic craniosynostosis. <i>Neurosurgical Focus Video</i> , 2021, 4, V17.	0.3	1
56	Bilateral Posterolateral Sulcus Approach for the Removal of Spinal Intramedullary Metastatic Adenocarcinoma: A Technical Case Report. <i>Neurologia Medico-Chirurgica</i> , 2022, 62, .	2.2	1
57	Evaluation of the Effectiveness of the Tap Test by Combining the Use of Functional Gait Assessment and Global Rating of Change. <i>Frontiers in Neurology</i> , 2022, 13, 846429.	2.4	1
58	Impact of Early Intervention for Idiopathic Normal Pressure Hydrocephalus on Long-Term Prognosis in Prodromal Phase. <i>Frontiers in Neurology</i> , 2022, 13, 866352.	2.4	1
59	The long-term results of subthalamic nucleus stimulation for Parkinson's disease. <i>Brain Stimulation</i> , 2015, 8, 428.	1.6	0
60	「脳脊髄液減少症」の診断と治療. <i>Okayama Igakkai Zasshi</i> , 2008, 120, 153-157.	0.0	0
61	Gene therapy for cerebral infarct: Focusing on ex vivo gene therapy. <i>Nosotchu</i> , 2009, 31, 420-424.	0.1	0
62	Electrical stimulation on cerebral infarct. <i>Nosotchu</i> , 2010, 32, 563-565.	0.1	0
63	Potential of a 3D Display System for Neurosurgical Simulation in Cadaveric Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015, 76, .	0.8	0
64	Team Medicine for Pediatric Patients with Cerebral Infarct Caused by Non-Moyamoya Disease. <i>Surgery for Cerebral Stroke</i> , 2017, 45, 476-482.	0.0	0
65	Multifocal Dysembryoplastic Neuroepithelial Tumor showing Various Imaging Findings : A Case Report. <i>Japanese Journal of Neurosurgery</i> , 2018, 27, 317-322.	0.0	0
66	Duraplasty with Dura Wave [®] in Surgery for Chiari Type I Malformation. <i>Spinal Surgery</i> , 2020, 34, 317-319.	0.0	0
67	SURG-21. ENDO- AND EXOSCOPIC SURGERY FOR PEDIATRIC NEUROSURGICAL OPERATION. <i>Neuro-Oncology</i> , 2020, 22, iii464-iii464.	1.2	0
68	Anatomical Limitation of Posterior Spinal Myelotomy for Intramedullary Hemorrhage Associated with Ependymoma or Cavernous Malformation of the High Cervical Spine. <i>Neurologia Medico-Chirurgica</i> , 2022, , .	2.2	0
69	Pyogenic Ventriculitis After Anterior Skull Base Surgery Treated With Endoscopic Ventricular Irrigation And Reconstruction Using a Vascularized Flap. <i>Acta Medica Okayama</i> , 2021, 75, 243-248.	0.2	0