Amami Kato

List of Publications by Year in descending order

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136885 128225 3,981 135 32 60 h-index citations g-index papers 139 139 139 3751 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	Neural Sources of Vagus Nerve Stimulation–Induced Slow Cortical Potentials. Neuromodulation, 2022, 25, 407-413.	0.4	O
2	De novo appearance of intracranial Rosai-Dorfman disease during long-term follow-up: A case report. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2020, 22, 100891.	0.2	O
3	The Japan Neurosurgical Database: Overview and Results of the First-year Survey. Neurologia Medico-Chirurgica, 2020, 60, 165-190.	1.0	13
4	Protective Effects of Moist Film on Sensory Outcomes of the Great Auricular Nerve after Carotid Endarterectomy. Surgery for Cerebral Stroke, 2020, 48, 196-199.	0.0	0
5	Significance of Elevated HMGB1 Expression in Pituitary Apoplexy. Anticancer Research, 2019, 39, 4491-4494.	0.5	3
6	ACT-13 RESPONSE TO SEIZURE AND TUMOR-PROGRESSION BY TREATMENT WITH PERAMPANEL IN PATIENTS WITH GLIOMAS. Neuro-Oncology Advances, 2019, 1, ii14-ii14.	0.4	0
7	Urgent Carotid Artery Stenting for Carotid-Related Stroke-in-Evolution. Operative Neurosurgery, 2018, 14, 9-15.	0.4	2
8	Seizures and Tumor Progression in Glioma Patients with Uncontrollable Epilepsy Treated with Perampanel. Anticancer Research, 2018, 38, 4361-4366.	0.5	57
9	Clinical outcomes of brain metastases from hepatocellular carcinoma: a multicenter retrospective study and a literature review. International Journal of Clinical Oncology, 2018, 23, 1095-1100.	1.0	7
10	Navigation-assisted trans-inferotemporal cortex selective amygdalohippocampectomy for mesial temporal lobe epilepsy; preserving the temporal stem. Neurological Research, 2017, 39, 223-230.	0.6	5
11	We could predict good responders to vagus nerve stimulation: A surrogate marker by slow cortical potential shift. Clinical Neurophysiology, 2017, 128, 1583-1589.	0.7	9
12	P2.03a-009 Clinical Outcome of Node-Negative Oligometastatic Non-Small Cell Lung Cancer. Journal of Thoracic Oncology, 2017, 12, S892-S893.	0.5	0
13	Clinical Epidemiology and Treatments for Spasticity. Japanese Journal of Neurosurgery, 2017, 26, 882-891.	0.0	0
14	Outcome of vagus nerve stimulation for drugâ€resistant epilepsy: the first three years of a prospective Japanese registry. Epileptic Disorders, 2017, 19, 327-338.	0.7	76
15	Efficacy of Combination Therapy with MET and VEGF Inhibitors for MET-overexpressing Glioblastoma. Anticancer Research, 2017, 37, 3871-3876.	0.5	10
16	Long-term follow-up for ossification of autologous bone plug and skin sinking after periosteum-preserved burr hole surgery., 2017, 8, 204.		6
17	Cosmetic procedure for vagus nerve stimulation. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2016, 6, 1-3.	0.2	1
18	Clinical outcome of nodeâ€negative oligometastatic non–small cell lung cancer. Thoracic Cancer, 2016, 7, 670-675.	0.8	6

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19	Takotsubo cardiomyopathy induced by dopamine infusion after carotid artery stenting. International Journal of Cardiology, 2016, 205, 62-64.	0.8	11
20	Electrical stimulation of the parahippocampal gyrus for prediction of posthippocampectomy verbal memory decline. Journal of Neurosurgery, 2016, 125, 1053-1060.	0.9	7
21	A novel technique for identifying the fistulous point in a direct carotid-cavernous fistula. Journal of Clinical Neuroscience, 2016, 25, 152-155.	0.8	6
22	Transfemoral Stenting of Stenoses at the Common Carotid Artery Origin Using an Anchoring Technique With a Balloon Protection Device. Neurosurgery, 2016, 79, 598-603.	0.6	7
23	Safe and accurate sylvian dissection with the use of indocyanine green videoangiography., 2016, 7, 427.		3
24	The use of fibrin and gelatin fixation to repair a kinked internal carotid artery in carotid endarterectomy., 2016, 7, 434.		3
25	MET Expressed in Glioma Stem Cells Is a Potent Therapeutic Target for Glioblastoma Multiforme. Anticancer Research, 2016, 36, 3571-7.	0.5	13
26	Zigzag Skin Incision Effectively Camouflages the Scar and Alopecia for Moyamoya Disease: Technical Note. Neurologia Medico-Chirurgica, 2015, 55, 210-213.	1.0	2
27	Surgical Accessibility of the Distal Internal Carotid Artery on Carotid Endarterectomy Evaluated Using Magnetic Resonance Angiography. Neurosurgery, 2015, 76, 633-637.	0.6	8
28	C1 transverse process-hyoid bone line for preoperative evaluation of the accessible internal carotid artery on carotid endarterectomy: technical note. Acta Neurochirurgica, 2015, 157, 43-48.	0.9	10
29	Successful Combination of Pallidal and Thalamic Stimulation for Intractable Involuntary Movements in Patients with Neuroacanthocytosis. World Neurosurgery, 2015, 84, 1177.e1-1177.e7.	0.7	13
30	A case of angiographically occult, distal small anterior inferior cerebellar artery aneurysm. , 2015, 6, 97.		3
31	Neural decoding of single vowels during covert articulation using electrocorticography. Frontiers in Human Neuroscience, 2014, 8, 125.	1.0	34
32	Endovascular Microcatheter Provocation Test for the Diagnosis of Glossopharyngeal Neuralgia. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2014, 75, 350-353.	0.4	1
33	Cystic Brain Metastasis in Non–Small-Cell Lung Cancer With <i>ALK</i> Rearrangement. Journal of Clinical Oncology, 2014, 32, e122-e124.	0.8	22
34	Spontaneous Closure of a Dural Arteriovenous Fistula Immediately after Cerebral Angiography Using a Gadolinium Contrast Agent. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, e449-e452.	0.7	5
35	Novel surgical technique to solidify cyst-type metastatic brain tumors using autologous fibrin glue for complete resection., 2014, 5, 100.		3
36	Administration of gefitinib via nasogastric tube effectively improved the performance status of a patient with lung adenocarcinoma-derived meningeal carcinomatosis. International Cancer Conference Journal, 2014, 3, 211-214.	0.2	3

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37	The chicken egg and skull model of endoscopic endonasal transsphenoidal surgery improves trainee drilling skills. Acta Neurochirurgica, 2014, 156, 1403-1407.	0.9	18
38	Altered extrafocal iomazenil activity in mesial temporal lobe epilepsy. Epilepsy Research, 2013, 103, 195-204.	0.8	2
39	Brain areas associated with sentence processing: A functional MRI study and a lesion study. Journal of Neurolinguistics, 2013, 26, 470-478.	0.5	7
40	Which is the Most Appropriate Disconnection Surgery for Refractory Epilepsy in Childhood?. Neurologia Medico-Chirurgica, 2013, 53, 814-820.	1.0	6
41	Surgical Treatment for Multiple Brain Metastases. , 2013, , .		0
42	Slower growth of skull base meningiomas compared with non–skull base meningiomas based on volumetric and biological studies. Journal of Neurosurgery, 2012, 116, 574-580.	0.9	113
43	Neuromodulation Using Intrathecal Baclofen Therapy for Spasticity and Dystonia. Neurologia Medico-Chirurgica, 2012, 52, 463-469.	1.0	13
44	Spinal syringomyelia following subarachnoid hemorrhage. Journal of Clinical Neuroscience, 2012, 19, 594-597.	0.8	16
45	Ictal high-frequency oscillations on scalp EEG recordings in symptomatic West syndrome. Epilepsy Research, 2012, 102, 60-70.	0.8	40
46	Fluorescence-guided surgery for glioblastoma multiforme using high-dose fluorescein sodium with excitation and barrier filters. Journal of Clinical Neuroscience, 2012, 19, 1719-1722.	0.8	57
47	Long-term developmental outcome in patients with West syndrome after epilepsy surgery. Brain and Development, 2012, 34, 731-738.	0.6	26
48	Optimal reconstruction of the bony defect after frontotemporal craniotomy with hydroxyapatite cement. Journal of Clinical Neuroscience, 2011, 18, 280-282.	0.8	12
49	Microsurgical Maneuvers under Side-Viewing Endoscope in the Treatment of Skull Base Lesions. Skull Base, 2011, 21, 115-122.	0.4	12
50	Development of in situ Imaging Probe for Surgical Operation of Deep Brain Stimulation. IEEJ Transactions on Sensors and Micromachines, 2011, 131, 427-428.	0.0	0
51	Language dominance and mapping based on neuromagnetic oscillatory changes: comparison with invasive procedures. Journal of Neurosurgery, 2010, 112, 528-538.	0.9	83
52	Training in endoscopic endonasal transsphenoidal surgery using a skull model and eggs. Acta Neurochirurgica, 2010, 152, 1801-1804.	0.9	22
53	Reorganization of Sensorimotor Function after Functional Hemispherectomy Studied Using Near-Infrared Spectroscopy. Pediatric Neurosurgery, 2010, 46, 313-317.	0.4	14
54	Fluorescence-guided surgery of metastatic brain tumors using fluorescein sodium. Journal of Clinical Neuroscience, 2010, 17, 118-121.	0.8	81

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55	Serial volumetric assessment of the natural history and growth pattern of incidentally discovered meningiomas. Journal of Neurosurgery, 2009, 110, 675-684.	0.9	133
56	Movement induces suppression of interictal spikes in sensorimotor neocortical epilepsy. Epilepsy Research, 2009, 87, 12-17.	0.8	8
57	Surgical technique for a cystic-type metastatic brain tumor: transformation to a solid-type tumor using hydrofiber dressing. World Neurosurgery, 2009, 72, 703-706.	1.3	6
58	Neural decoding using gyral and intrasulcal electrocorticograms. NeuroImage, 2009, 45, 1099-1106.	2.1	89
59	Delayed improvement of stenosis rate in carotid artery stenting without post-stent balloon dilatation. Journal of Neuroendovascular Therapy, 2009, 3, 159-164.	0.1	1
60	Ipsilateral Motor-Related Hyperactivity in Patients With Cerebral Occlusive Vascular Disease. Stroke, 2008, 39, 2769-2775.	1.0	9
61	MRI-Based Correction for Partial-Volume Effect Improves Detectability of Intractable Epileptogenic Foci on ¹²³ I-Iomazenil Brain SPECT Images. Journal of Nuclear Medicine, 2008, 49, 383-389.	2.8	25
62	Motor cortex stimulation in patients with deafferentation pain: activation of the posterior insula and thalamus. Journal of Neurosurgery, 2007, 107, 43-48.	0.9	64
63	Alteration of motor related field in patients with occlusive vascular diseases. International Congress Series, 2007, 1300, 353-356.	0.2	0
64	Temporal dynamics of wakefulness during simulated driving. International Congress Series, 2007, 1300, 429-432.	0.2	4
65	Cerebral motor control in patients with brain tumors around the central sulcus studied with synthetic aperture magnetometry. International Congress Series, 2007, 1300, 713-716.	0.2	0
66	Magnetoencephalographic analysis of cortical oscillatory activity in patients with brain tumors: Synthetic aperture magnetometry (SAM) functional imaging of delta band activity. NeuroImage, 2007, 34, 957-964.	2.1	45
67	Effects of the emotional connotations in words on the frontal areas—A spatially filtered MEG study. Neurolmage, 2007, 35, 420-429.	2.1	38
68	Reduction of intractable deafferentation pain due to spinal cord or peripheral lesion by high-frequency repetitive transcranial magnetic stimulation of the primary motor cortex. Journal of Neurosurgery, 2007, 107, 555-559.	0.9	114
69	Neuroendoscopic palliation for large cystic craniopharyngioma in an elderly patient. British Journal of Neurosurgery, 2007, 21, 618-621.	0.4	7
70	Recent Advancement on Photodynamic Diagnosis and Therapy in the Management of Brain Tumors. The Review of Laser Engineering, 2007, 35, 514-518.	0.0	1
71	A Case of Hypothalamic Hamartoma with Intractable Epilepsy and Emotional Disturbance Successfully Treated with the Stereotactic Radiofrequency Ablation. Journal of the Japan Epilepsy Society, 2007, 25, 81-87.	0.1	0
72	Reduction of intractable deafferentation pain by navigation-guided repetitive transcranial magnetic stimulation of the primary motor cortex. Pain, 2006, 122, 22-27.	2.0	209

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73	Neuromagnetic Changes of Brain Rhythm Evoked by Intravenous Olfactory Stimulation in Humans. Brain Topography, 2006, 18, 189-199.	0.8	21
74	Radiofrequency thermal ablation for recurrent meningioma extending extracranially. Acta Neurochirurgica, 2005, 147, 543-550.	0.9	5
75	Fiber-tracking does not accurately estimate size of fiber bundle in pathological condition: initial neurosurgical experience using neuronavigation and subcortical white matter stimulation. Neurolmage, 2005, 25, 424-429.	2.1	268
76	Perspective of Motor: Related Cerebral Activity to Brain-Computer Interface. Journal of the Robotics Society of Japan, 2005, 23, 790-795.	0.0	0
77	Evaluation of cardiac sympathetic nerve function by myocardial 123I-metaiodobenzylguanidine scintigraphy before and after endoscopic sympathectomy. Journal of Neurosurgery, 2004, 100, 512-516.	0.9	34
78	Increased regional cerebral blood flow in the contralateral thalamus after successful motor cortex stimulation in a patient with poststroke pain. Journal of Neurosurgery, 2004, 100, 935-939.	0.9	41
79	Volumetric thermal devascularization of large meningiomas. Journal of Neurosurgery, 2004, 101, 779-786.	0.9	6
80	Meningioma Arising From the Trigeminal Nerve: A Case Report and Literature Review. Journal of Neuro-Oncology, 2004, 68, 185-187.	1.4	12
81	Determination of language dominance with synthetic aperture magnetometry: comparison with the Wada test. Neurolmage, 2004, 23, 46-53.	2.1	147
82	Bilateral cortical stimulation for deafferentation pain after spinal cord injury. Journal of Neurosurgery, 2004, 101, 687-689.	0.9	32
83	Stereotactic radiofrequency ablation for sessile hypothalamic hamartoma with an image fusion technique. Acta Neurochirurgica, 2003, 145, 697-701.	0.9	37
84	Gamma-band desynchronization in language areas reflects syntactic process of words. Neuroscience Letters, 2003, 339, 135-138.	1.0	33
85	New MEG technology for evaluating focal brain function. International Congress Series, 2003, 1252, 315-319.	0.2	0
86	Endoscopically aided retroperitoneal placement of a lumboperitoneal shunt. Journal of Neurosurgery, 2003, 98, 430-433.	0.9	9
87	Gene Therapy for Ischemic Brain Diseases. Current Gene Therapy, 2003, 3, 49-58.	0.9	10
88	Neuromagnetic gamma-band activity in the primary and secondary somatosensory areas. NeuroReport, 2003, 14, 273-277.	0.6	33
89	Endoscopic Cranioplasty with Calcium Phosphate Cement for Pterional Bone Defect after Frontotemporal Craniotomy: Technical Note. Neurosurgery, 2002, 51, 1094-1096.	0.6	16
90	Endoscopic Cranioplasty with Calcium Phosphate Cement for Pterional Bone Defect after Frontotemporal Craniotomy: Technical Note. Neurosurgery, 2002, 51, 1094-1096.	0.6	15

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91	The application of SAM virtual sensor method for analysis of epileptic discharges: comparison with simultaneously recorded ECoG. International Congress Series, 2002, 1232, 303-310.	0.2	2
92	Synthetic aperture magnetometry analysis of epileptic fast oscillation of MEG. International Congress Series, 2002, 1232, 587-591.	0.2	0
93	Spatiotemporal distributions of brain oscillation during silent reading. International Congress Series, 2002, 1232, 35-39.	0.2	4
94	Frequency-dependent spatial distribution of human somatosensory evoked neuromagnetic fields. Neuroscience Letters, 2002, 318, 73-76.	1.0	78
95	Landau–Kleffner Syndrome: Localization of Epileptogenic Lesion Using Wavelet– Cross-Correlation Analysis. Epilepsy and Behavior, 2001, 2, 288-294.	0.9	7
96	Ultrastructural changes of the vascular endothelium after intra-arterial administration of tumor necrosis factor-alpha (TNFalpha) in rat gliomas. Journal of Neuro-Oncology, 2000, 46, 145-150.	1.4	4
97	Whole-genome analysis of human astrocytic tumors by comparative genomic hybridization. Brain Tumor Pathology, 2000, 17, 21-27.	1.1	13
98	Induction of aquaporin-4 water channel mRNA after focal cerebral ischemia in rat. Molecular Brain Research, 2000, 78, 131-137.	2.5	232
99	Syringe needle located deep in the brain: image-guided removal. World Neurosurgery, 2000, 54, 458-463.	1.3	3
100	Movement-Related Desynchronization of the Cerebral Cortex Studied with Spatially Filtered Magnetoencephalography. NeuroImage, 2000, 12, 298-306.	2.1	199
101	Application of a rigid endoscope to the microsurgical management of 54 cerebral aneurysms: results in 48 patients. Journal of Neurosurgery, 1999, 91, 231-237.	0.9	79
102	Little benefit from mild hypothermia therapy for severely head injured patients with low intracranial pressure. Journal of Neurosurgery, 1999, 91, 185-191.	0.9	97
103	Visualization of epileptogenic phenomena using cross-correlation analysis: localization of epileptic foci and propagation of epileptiform discharges. IEEE Transactions on Biomedical Engineering, 1999, 46, 271-279.	2.5	29
104	Chromosomal aberrations detected by comparative genomic hybridization (CGH) in human astrocytic tumors. Cancer Letters, 1998, 135, 61-66.	3.2	21
105	Aberrant muscle activation in patients after resection of non-primary motor areas: demonstration by surface electromyography. Neuroscience Letters, 1998, 244, 153-156.	1.0	0
106	Stochastic determination of the chromosomal region responsible for expression of human glial fibrillary acidic protein in astrocytic tumors. Neuroscience Letters, 1998, 247, 29-32.	1.0	2
107	Restoration of small bone defects at craniotomy using autologous bone dust and fibrin glue. World Neurosurgery, 1998, 50, 344-346.	1.3	39
108	Temperature distribution produced by laser irradiation in a ventricle model. The use of airflow in neuroendoscopic surgery. Neurological Research, 1998, 20, 11-14.	0.6	3

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109	Mobile fluoroscopic open stereotaxy for MRI-negative angiographic microlesions. Neurological Research, 1998, 20, 713-718.	0.6	2
110	Translucence stereoscopy of interictal magnetoencephalographic epileptiform discharge. Neurological Research, 1998, 20, 572-576.	0.6	5
111	Computational imaging of cerebral perfusion by real time processing of DSA images. Clinical applications. Neurological Research, 1998, 20, 327-332.	0.6	9
112	A peritoneal marker for optimal timing of ventriculo-peritoneal shunt revision in early childhood. Neurological Research, 1998, 20, 526-528.	0.6	1
113	Dysembryoplastic neuroepithelial tumor in the insular cortex. Three dimensional magnetoencephalographic localization of epileptic discharges. Neurological Research, 1998, 20, 433-438.	0.6	14
114	Spatial perception in macroscopic and microscopic surgical manipulations: Differences between experienced and inexperienced surgeons. Neurological Research, 1998, 20, 509-512.	0.6	3
115	Neuromagnetic fields preceding unilateral movements in dextrals and sinistrals. NeuroReport, 1998, 9, 1497-1502.	0.6	61
116	Motor Neglect Following Damage to the Supplementary Motor Area. Neurocase, 1998, 4, 55-63.	0.2	4
117	A reconstruction method of cerebral surface anatomical images for image guided localization. Journal of Clinical Neuroscience, 1997, 4, 80-84.	0.8	3
118	Sinus pericranii: Neuroradiologic Findings and Clinical Management. Pediatric Neurosurgery, 1997, 27, 325-328.	0.4	23
119	Acute Cerebellar Edema Following Intra-arterial Tissue Plasminogen Activator Thrombolysis for Basilar Artery Occlusion —Case Report—. Neurologia Medico-Chirurgica, 1996, 36, 455-457.	1.0	4
120	Bilateral Giant Intracavernous Carotid Artery Aneurysms Mimicking a Cavernous Sinus Neoplasm â€"Case Reportâ€". Neurologia Medico-Chirurgica, 1996, 36, 583-585.	1.0	7
121	Complete regression of anaplastic astrocytoma by intravenous tumor necrosis factor-alpha (TNFα) after recurrence: A case report. World Neurosurgery, 1994, 41, 482-485.	1.3	9
122	A case of Hallervorden-Spatz disease: Progressive and intractable dystonia controlled by bilateral thalamotomy. Brain and Development, 1992, 14, 269-272.	0.6	40
123	Purine Catabolites in Cerebral Interstitial Fluid During Progression of and Recovery from Ischemia. Neurologia Medico-Chirurgica, 1991, 31, 129-134.	1.0	8
124	A frameless, armless navigational system for computer-assisted neurosurgery. Journal of Neurosurgery, 1991, 74, 845-849.	0.9	271
125	Meningeal neoplasms associated with cerebral vascular malformations. World Neurosurgery, 1987, 27, 469-475.	1.3	17
126	Regional Cerebral Ischemia in the Gerbil: Measurement of Regional Cerebral Blood Flow by Quantitative Autoradiography. Journal of Cerebral Blood Flow and Metabolism, 1986, 6, 348-357.	2.4	19

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127	Regional glucose utilization and blood flow in experimental brain tumors studied by double tracer autoradiography. Journal of Neuro-Oncology, 1985, 3, 271-283.	1.4	13
128	Quantification of Glucose Utilization in an Experimental Brain Tumor Model by the Deoxyglucose Method. Journal of Cerebral Blood Flow and Metabolism, 1985, 5, 108-114.	2.4	30
129	Circulatory disturbance of the spinal cord with epidural neoplasm in rats. Journal of Neurosurgery, 1985, 63, 260-265.	0.9	76
130	Evaluation of [¹⁸ F]-4-Fluoroantipyrine as a New Blood Flow Tracer for Multiradionuclide Autoradiography. Journal of Cerebral Blood Flow and Metabolism, 1984, 4, 259-263.	2.4	23
131	An Improved Approach for Measurement of Regional Cerebral Rate Constants in the Deoxyglucose Method with Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 1984, 4, 555-563.	2.4	29
132	Influence of the Input Function on the Calculation of the Local Cerebral Metabolic Rate for Glucose in the Deoxyglucose Method. Journal of Cerebral Blood Flow and Metabolism, 1984, 4, 41-46.	2.4	18
133	Quantitative autoradiographic measurements of blood-brain barrier permeability in the rat glioma model. Journal of Neurosurgery, 1982, 57, 394-398.	0.9	75
134	Regional blood flow and capillary permeability in the ethylnitrosourea-induced rat glioma. Journal of Neurosurgery, 1981, 55, 922-928.	0.9	61
135	Surgical Technique for Metastatic Brain Tumors. , 0, , .		0