

Masahiro Mishina

List of Publications by Year in descending order

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121
papers

2,186
citations

304743

22
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265206

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130
all docs

130
docs citations

130
times ranked

2536
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Nondominant Hemisphere and Undamaged Area During Word Repetition in Poststroke Aphasics. <i>Stroke</i> , 1996, 27, 897-903.	2.0	164
2	Low density of sigma1 receptors in early Alzheimer's disease. <i>Annals of Nuclear Medicine</i> , 2008, 22, 151-156.	2.2	151
3	Function of sigma1 receptors in Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2005, 112, 103-107.	2.1	136
4	Auditory Triggered Mental Imagery of Shape Involves Visual Association Areas in Early Blind Humans. <i>NeuroImage</i> , 2001, 14, 129-139.	4.2	134
5	Adenosine A2A Receptors Measured with [11C]TMSX PET in the Striata of Parkinson's Disease Patients. <i>PLoS ONE</i> , 2011, 6, e17338.	2.5	122
6	Crossed Cerebellar Diaschisis in Patients With Cortical Infarction. <i>Stroke</i> , 2004, 35, 472-476.	2.0	87
7	Evaluation of distribution of adenosine A2A receptors in normal human brain measured with [11C]TMSX PET. <i>Synapse</i> , 2007, 61, 778-784.	1.2	67
8	Midbrain hypometabolism as early diagnostic sign for progressive supranuclear palsy. <i>Acta Neurologica Scandinavica</i> , 2004, 110, 128-135.	2.1	58
9	First visualization of adenosine A2A receptors in the human brain by positron emission tomography with [11C]TMSX. <i>Synapse</i> , 2005, 55, 133-136.	1.2	54
10	Preserved benzodiazepine receptors in Alzheimer's disease measured with C-11 flumazenil PET and I-123 iomazenil SPECT in comparison with CBF. <i>Annals of Nuclear Medicine</i> , 1999, 13, 309-315.	2.2	53
11	Stroke-associated infection independently predicts 3-month poor functional outcome and mortality. <i>Journal of Neurology</i> , 2018, 265, 370-375.	3.6	52
12	Identification of Four Different Forms of Syntaxin 3. <i>Biochemical and Biophysical Research Communications</i> , 1995, 211, 997-1005.	2.1	49
13	Hereditary spastic paraplegia with a thin corpus callosum and thalamic involvement in Japan. <i>Neurology</i> , 1998, 51, 1751-1754.	1.1	46
14	Efficacy of Edaravone, a Free Radical Scavenger, for the Treatment of Acute Lacunar Infarction. <i>Neurologia Medico-Chirurgica</i> , 2005, 45, 344-348.	2.2	44
15	Sex Differences in the Pharmacokinetics of Levodopa in Elderly Patients With Parkinson Disease. <i>Clinical Neuropharmacology</i> , 2014, 37, 173-176.	0.7	41
16	Voxel- and ROI-based statistical analyses of PET parameters for guidance in the surgical treatment of intractable mesial temporal lobe epilepsy. <i>Annals of Nuclear Medicine</i> , 2008, 22, 495-503.	2.2	32
17	Intrasubject correlation between static scan and distribution volume images for [11C]flumazenil PET. <i>Annals of Nuclear Medicine</i> , 2000, 14, 193-198.	2.2	31
18	Quantification of adenosine A2A receptors in the human brain using [11C]TMSX and positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 679-687.	6.4	30

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19	A NEW SELECTIVE, DIFFERENTIAL AGAR MEDIUM FOR ISOLATION OF VIBRIO CHOLERAE O1: PMT (POLYMYXIN-MANNOSE-TELLURITE) AGAR. Japanese Journal of Medical Science and Biology, 1990, 43, 37-41.	0.4	28
20	Cerebellar activation during ataxic gait in olivopontocerebellar atrophy: a PET study. Acta Neurologica Scandinavica, 1999, 100, 369-376.	2.1	27
21	Metabolite analysis of [11C]flumazenil in human plasma: Assessment as the standardized value for quantitative PET studies. Annals of Nuclear Medicine, 1998, 12, 55-59.	2.2	24
22	The relationship between stroke severity and prior direct oral anticoagulant therapy in patients with acute ischaemic stroke and non-valvular atrial fibrillation. European Journal of Neurology, 2017, 24, 1399-1406.	3.3	24
23	Ketamine for acute neuropathic pain in patients with spinal cord injury. Journal of Clinical Neuroscience, 2013, 20, 804-807.	1.5	23
24	Prospective assessment of concomitant lumbar and chronic subdural hematoma: is migration from the intracranial space involved in their manifestation?. Journal of Neurosurgery: Spine, 2014, 20, 157-163.	1.7	23
25	Adenosine Receptor PET Imaging in Human Brain. International Review of Neurobiology, 2014, 119, 51-69.	2.0	23
26	Administration of Free Radical Scavenger Edaravone Associated With Higher Frequency of Hemorrhagic Transformation in Patients With Cardiogenic Embolism. Neurologia Medico-Chirurgica, 2008, 48, 292-297.	2.2	22
27	Early Cognitive Assessment Following Acute Stroke: Feasibility and Comparison between Mini-Mental State Examination and Montreal Cognitive Assessment. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104688.	1.6	21
28	Robust estimation of the arterial input function for Logan plots using an intersectional searching algorithm and clustering in positron emission tomography for neuroreceptor imaging. NeuroImage, 2008, 40, 26-34.	4.2	19
29	Differential effects of age on human striatal adenosine A ₁ and A _{2A} receptors. Synapse, 2012, 66, 832-839.	1.2	18
30	Prior Direct Oral Anticoagulant Therapy is Related to Small Infarct Volume and No Major Artery Occlusion in Patients With Stroke and Non-valvular Atrial Fibrillation. Journal of the American Heart Association, 2018, 7, e009507.	3.7	18
31	Quantitative Evaluation of 18F-Flutemetamol PET in Patients With Cognitive Impairment and Suspected Alzheimer's Disease: A Multicenter Study. Frontiers in Neurology, 2020, 11, 578753.	2.4	18
32	Bilateral Representation of Language Function. Journal of Neuroimaging, 1998, 8, 246-249.	2.0	17
33	Distribution volume as an alternative to the binding potential for sigma1 receptor imaging. Annals of Nuclear Medicine, 2007, 21, 533-535.	2.2	17
34	Early Cognitive Impairment after Minor Stroke: Associated Factors and Functional Outcome. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104749.	1.6	17
35	Treatment of cervical OPLL by cervical anterior fusion using autologous vertebral bone grafts. Acta Neurochirurgica, 2009, 151, 1549-1555.	1.7	16
36	Simple Solution for Preventing Cerebrospinal Fluid Loss and Brain Shift During Multitrack Deep Brain Stimulation Surgery in the Semisupine Position: Polyethylene Glycol Hydrogel Dural Sealant Capping. Neurologia Medico-Chirurgica, 2013, 53, 1-6.	2.2	16

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37	Adenosine A ₁ receptors measured with ¹¹ C-MPDX PET in early Parkinson's disease. <i>Synapse</i> , 2017, 71, e21979.	1.2	16
38	Concomitant Cranial and Lumbar Subdural Hematomas -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2010, 50, 402-404.	2.2	14
39	Dissecting posterior inferior cerebellar artery aneurysm presenting with subarachnoid hemorrhage right after anticoagulant and antiplatelet therapy against ischemic event. <i>World Neurosurgery</i> , 2007, 68, 103-107.	1.3	13
40	Impact of polyunsaturated fatty acid consumption prior to ischemic stroke. <i>Acta Neurologica Scandinavica</i> , 2013, 127, 181-185.	2.1	13
41	Test-retest variability of adenosine A _{2A} binding in the human brain with ¹¹ C-TMSX and PET. <i>EJNMMI Research</i> , 2014, 4, 76.	2.5	13
42	Prevalence and clinical characteristics of cortical superficial siderosis in patients with acute stroke. <i>Journal of Neurology</i> , 2017, 264, 2413-2419.	3.6	13
43	Presynaptic and postsynaptic nigrostriatal dopaminergic functions in multiple system atrophy. <i>NeuroReport</i> , 2008, 19, 145-150.	1.2	12
44	Development of PET radiopharmaceuticals and their clinical applications at the Positron Medical Center. <i>Geriatrics and Gerontology International</i> , 2010, 10, S180-96.	1.5	12
45	Limb-shaking TIA: Cortical myoclonus associated with ICA stenosis. <i>Neurology</i> , 2016, 86, 307-309.	1.1	12
46	Low Free Triiodothyronine Predicts 3-Month Poor Outcome After Acute Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2804-2809.	1.6	12
47	Safety of Anticoagulant Therapy Including Direct Oral Anticoagulants in Patients With Acute Spontaneous Intracerebral Hemorrhage. <i>Circulation Journal</i> , 2019, 83, 441-446.	1.6	12
48	Positron Emission Tomography for Brain Research. <i>Journal of Nippon Medical School</i> , 2008, 75, 68-76.	0.9	12
49	Increased regional cerebral blood flow but normal distribution of GABA _A receptor in the visual cortex of subjects with early-onset blindness. <i>NeuroImage</i> , 2003, 19, 125-131.	4.2	11
50	Anterior Cerebral Artery Dissection Presenting Subarachnoid Hemorrhage and Cerebral Infarction. <i>Journal of Nippon Medical School</i> , 2012, 79, 153-158.	0.9	11
51	Peptide Tag-Induced Horseradish Peroxidase-Mediated Preparation of a Streptavidin-Immobilized Redox-Sensitive Hydrogel. <i>Biomacromolecules</i> , 2016, 17, 1978-1984.	5.4	11
52	Benign Mesenchymoma of the Sole. <i>Annals of Plastic Surgery</i> , 1984, 13, 150-153.	0.9	10
53	Striatal Distribution of Dopamine Transporters and Dopamine D ₂ Receptors at Different Stages of Parkinson's Disease. <i>Neuroradiology Journal</i> , 2011, 24, 235-241.	1.2	10
54	Multicenter Prospective Analysis of Stroke Patients Taking Oral Anticoagulants: The PASTA Registry - Study Design and Characteristics. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104456.	1.6	10

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55	Accurate etiology diagnosis in patients with stroke and atrial fibrillation: A role for brain natriuretic peptide. <i>Journal of the Neurological Sciences</i> , 2019, 400, 153-157.	0.6	10
56	Risk factors, etiology, and outcome of ischemic stroke in young adults: A Japanese multicenter prospective study. <i>Journal of the Neurological Sciences</i> , 2020, 417, 117068.	0.6	10
57	Changes in Whole-Blood microRNA Profiles during the Onset and Treatment Process of Cerebral Infarction: A Human Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3107.	4.1	10
58	A Case of Dural Arteriovenous Fistulas at the Craniocervical Junction Presenting with Occipital/Neck Pain Associated with Sleep. <i>Internal Medicine</i> , 2012, 51, 925-928.	0.7	9
59	Efficacy of Tracheostomy for Central Alveolar Hypoventilation Syndrome Caused by Lateral Medullary Infarction. <i>Journal of Nippon Medical School</i> , 2014, 81, 276-284.	0.9	9
60	Ambient Temperature Change Increases in Stroke Onset: Analyses Based on the Japanese Regional Metrological Measurements. <i>Journal of Nippon Medical School</i> , 2015, 82, 281-286.	0.9	9
61	Age-Related Decrease in Male Extra-Striatal Adenosine A1 Receptors Measured Using ¹¹ C-MPDX PET. <i>Frontiers in Pharmacology</i> , 2017, 8, 903.	3.5	9
62	Insufficient Warfarin Therapy Is Associated With Higher Severity of Stroke Than No Anticoagulation in Patients With Atrial Fibrillation and Acute Anterior-Circulation Stroke. <i>Circulation Journal</i> , 2018, 82, 1437-1442.	1.6	9
63	Benzodiazepine receptor imaging with iomazenil SPECT in aphasic patients with cerebral infarction. <i>Annals of Nuclear Medicine</i> , 1999, 13, 223-229.	2.2	8
64	The Potentially Protective Effect of Donepezil in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2014, 38, 170-177.	1.5	8
65	Acute Poststroke Depression Is Associated with Thalamic Lesions and Clinical Outcomes: A Caseâ€“Control Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 499-505.	1.6	8
66	Anticoagulants, Reperfusion Therapy, and Outcomes in Ischemic Stroke Patients With Non-Valvular Atrial Fibrillationâ€“A Single-Center, 6-Year Experience of 546 Consecutive Patients â€“. <i>Circulation Journal</i> , 2018, 82, 2647-2654.	1.6	8
67	Characteristics of Acute Spontaneous Intracerebral Hemorrhage in Patients Receiving Oral Anticoagulants. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1007-1014.	1.6	8
68	Generative image transformer (GIT): unsupervised continuous image generative and transformable model for [¹²³ I]FP-CIT SPECT images. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1203-1213.	2.2	8
69	Radiological study of the sandwich method in cervical anterior fusion using autologous vertebral bone grafts. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 450-454.	1.5	7
70	Incidental Detection of Thyroid Nodules at Magnetic Resonance Imaging of the Cervical Spine. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 77-81.	2.2	7
71	Aortic Arch Atherosclerosis in Ischaemic Stroke of Unknown Origin Affects Prognosis. <i>Cerebrovascular Diseases Extra</i> , 2014, 4, 92-101.	1.5	7
72	Characteristics of Ischemic Versus Hemorrhagic Stroke in Patients Receiving Oral Anticoagulants: Results of the PASTA Study. <i>Internal Medicine</i> , 2022, 61, 801-810.	0.7	7

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73	Short-term plasticity of central benzodiazepine receptors in status epilepticus: case report. <i>Acta Neurologica Scandinavica</i> , 2008, 117, 285-288.	2.1	6
74	Effects of olmesartan and imidapril on the plasma adiponectin, P-selectin, and MDA-LDL levels of diabetic nephropathy patients. <i>Clinica Chimica Acta</i> , 2012, 413, 348-349.	1.1	6
75	Pharmacokinetics of Levodopa before and after Gastrointestinal Resection in Parkinson's Disease. <i>Case Reports in Neurology</i> , 2015, 7, 181-185.	0.7	6
76	Low Free Triiodothyronine at Admission Predicts Poststroke Infection. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 397-403.	1.6	6
77	MRI scout images can detect the acute intracerebral hemorrhage on CT. <i>Journal of the Neurological Sciences</i> , 2018, 387, 147-149.	0.6	5
78	Ischemic stroke during anticoagulant interruption by healthcare professionals in stroke patients with atrial fibrillation. <i>Journal of the Neurological Sciences</i> , 2019, 400, 113-118.	0.6	5
79	The role of the prefrontal cortex in the go/no-go task in humans: a positron emission tomography study. <i>Japanese Psychological Research</i> , 2000, 42, 36-44.	1.1	4
80	Correlation between each task of the Mini-Mental State Examination and regional glucose hypometabolism in at-rest Alzheimer's disease patients. <i>Geriatrics and Gerontology International</i> , 2007, 7, 124-130.	1.5	4
81	Selective Posterior Decompression of the Cervical Spine. <i>Neurologia Medico-Chirurgica</i> , 2011, 51, 108-112.	2.2	4
82	Detailed Study of Graft Sinking and Worsening of the Fused Segment Angle in Patients With Cervical Disease Treated With the Williams-Isu Method. <i>Neurologia Medico-Chirurgica</i> , 2011, 51, 208-213.	2.2	4
83	Hemothorax after the Intravenous Administration of Tissue Plasminogen Activator in a Patient with Acute Ischemic Stroke and Rib Fractures. <i>Journal of Nippon Medical School</i> , 2014, 81, 43-47.	0.9	4
84	Relative risk values of age, acrolein, IL-6 and CRP as markers of periventricular hyperintensities: a cross-sectional study. <i>BMJ Open</i> , 2014, 4, e005598-e005598.	1.9	4
85	Thrombolysis, Complete Recanalization, Diffusion Reversal, and Luxury Perfusion in Hyperacute Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 238-239.	1.6	4
86	Effect of brain atrophy in quantitative analysis of 123I-ioflupane SPECT. <i>Annals of Nuclear Medicine</i> , 2019, 33, 579-585.	2.2	4
87	Negative-FLAIR vascular hyperintensities serve as a marker of no recanalization during hospitalization in acute stroke. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 233-237.	1.5	4
88	Multiple Vascular Accidents Including Rupture of a Sinus of Valsalva Aneurysm, a Minor Ischemic Stroke and Intracranial Arterial Anomaly in a Patient with Systemic Congenital Abnormalities: A Case Report. <i>Case Reports in Neurology</i> , 2013, 5, 195-200.	0.7	3
89	The Prevalence of and Factors Related to Vascular Hyperintensity on T1-Weighted Imaging in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2017, 44, 203-209.	1.7	3
90	Combination of the Williams's Isu method and the transvertebral approach to treat cervical disease. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 396-400.	1.5	2

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91	Long-term Observation of Lateral Medullary Infarction due to Vertebral Artery Dissection Assessed with Multimodal Neuroimaging. Journal of Nippon Medical School, 2015, 82, 68-72.	0.9	2
92	Density of metabotropic glutamate receptors subtype 1 in Parkinson's disease compared to healthy elderly - a ITMM PET study -. Journal of the Neurological Sciences, 2017, 381, 806-807.	0.6	1
93	Neural Plasticity and Compensation for Human Brain Damage. Nihon Ika Daigaku Igakkai Zasshi, 2014, 10, 101-105.	0.0	1
94	Evaluation of Surgical Treatments for the Major Lesion of Bilateral Silicotuberculosis. Tohoku Journal of Experimental Medicine, 1977, 123, 191-196.	1.2	0
95	Regional imbalance of striatal dopaminergic function in Parkinson's disease visualized with 11C-CFT and 11C-raclopride PET. Parkinsonism and Related Disorders, 2006, 12, S90.	2.2	0
96	Clinical pathway for local stroke network and rehabilitation in suburban area. Nosotchu, 2009, 31, 515-520.	0.1	0
97	A Case of Wallenberg Syndrome due to Vertebral Artery Dissection. Nihon Ika Daigaku Igakkai Zasshi, 2011, 7, 175-178.	0.0	0
98	Early computed tomography signs as early predictors of hemorrhagic transformation under heparinization in patients with cardiogenic embolism. Geriatrics and Gerontology International, 2012, 12, 418-424.	1.5	0
99	Human Brain Imaging of Adenosine Receptors. , 2014, , 161-186.		0
100	Relationship between density of metabotropic glutamate receptors subtype 1 and asymmetrical parkinsonism in Parkinson's disease - a ITMM PET study -. Journal of the Neurological Sciences, 2017, 381, 807.	0.6	0
101	[P1377]: REGIONAL DIFFERENCE OF BRAIN AMYLOID ACCUMULATION BETWEEN SUBTYPES OF LEWY BODY DISEASE AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P408.	0.8	0
102	P1604: CLINICAL FEATURES OF BONE FRACTURES IN PATIENTS WITH DEMENTIA RECEIVING INTERVENTIONS BY A DEMENTIA CARE TEAM. Alzheimer's and Dementia, 2018, 14, P570.	0.8	0
103	In Hyperacute Recanalization Therapy, Early Hospital Arrival Improves Outcome in Patients with Large Artery Occlusion. European Neurology, 2018, 79, 335-341.	1.4	0
104	A case of pure bilateral horizontal gaze palsy due to multiple sclerosis. Neurology and Clinical Neuroscience, 2020, 8, 215-217.	0.4	0
105	Abstract P659: Pre-Stroke Chads 2 Scores Should Be Associated With Onset Severity and Functional Outcome in Acute Stroke Patients With Atrial Fibrillation During Oral Anticoagulants: A Sub-Analysis of PASTA Registry Study. Stroke, 2021, 52, .	2.0	0
106	Benzodiazepine Receptor Binding in Japanese Subtype of Hereditary Spastic Paraplegia with a Thin Corpus Callosum. , 2001, , 389-393.		0
107	Distribution of adenosine A2A receptors in human brain using [C-11]TMSX PET. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S659-S659.	4.3	0
108	Ipsilateral thalamic diaschisis in patients with cortical infarction: Logistic regression analysis. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S143-S143.	4.3	0

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109	View and development of stroke care unit (SCU) with current state and the future. Journal of the Japanese Society of Intensive Care Medicine, 2006, 13, 411-416.	0.0	0
110	Benefits of helicopter emergency medical service for acute stroke patients in Chiba Prefecture. Nosotchu, 2008, 30, 545-550.	0.1	0
111	Effects of the Inba Clinical Pathway for Local Stroke Network as a Stroke Liaison Critical Pathway. Nihon Ika Daigaku Igakkai Zasshi, 2012, 8, 246-254.	0.0	0
112	Effectiveness of endovascular treatment using a Merci clot Retriever device for wake-up ischemic strokes. Nosotchu, 2012, 34, 228-234.	0.1	0
113	Abstract TP161: Low Free Triiodothyronine on Admission Should Be Associated With Post-stroke Infection in Acute Stroke Patients. Stroke, 2017, 48, .	2.0	0
114	Abstract TP323: Prevalence And Clinical Character Of Cortical Superficial Siderosis In Stroke Patient. Stroke, 2017, 48, .	2.0	0
115	Abstract TP200: Urinary Albumin/creatinine Ratio Should Be Associated With White Matter Lesion Severity in First-ever Stroke Patients. Stroke, 2017, 48, .	2.0	0
116	Abstract TP237: In Hyperacute Recanalization Therapy, Early Hospital Arrival Should Improve Outcome in Patients With Large Artery Occlusion but Not Without It. Stroke, 2017, 48, .	2.0	0
117	Abstract TP164: Low Free Triiodothyronine Should Be Associated With 3-Month Poor Functional Outcome After Acute Stroke. Stroke, 2018, 49, .	2.0	0
118	Abstract WP195: Current Status of Reperfusion Therapy and Functional Outcome in Acute Ischemic Stroke Patients With Non-Valvular Atrial Fibrillation: a Single-Center, Six-Year Experience of Consecutive 546 Patients. Stroke, 2018, 49, .	2.0	0
119	Semi-automatic ROI placement system for analysis of brain PET images based on elastic model: application to diagnosis of Alzheimer's disease. Keio Journal of Medicine, 2000, 49 Suppl 1, A105-6.	1.1	0
120	Benzodiazepine receptor distribution and cerebral blood flow in early blindness—a PET study. Keio Journal of Medicine, 2000, 49 Suppl 1, A114-6.	1.1	0
121	Abstract 2408: Relationship between Outcome and Polyunsaturated Fatty Acids level in Acute Ischemic Stroke. Stroke, 2012, 43, .	2.0	0