

# Keun-Hwa Jung

## List of Publications by Year in descending order

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Version: 2024-02-01

207  
papers

6,218  
citations

87723

38  
h-index

95083

68  
g-index

213  
all docs

213  
docs citations

213  
times ranked

8611  
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-206 regulates brain-derived neurotrophic factor in Alzheimer disease model. <i>Annals of Neurology</i> , 2012, 72, 269-277.	2.8	267
2	Cyclooxygenase-2 inhibitor, celecoxib, inhibits the altered hippocampal neurogenesis with attenuation of spontaneous recurrent seizures following pilocarpine-induced status epilepticus. <i>Neurobiology of Disease</i> , 2006, 23, 237-246.	2.1	258
3	Early Intravenous Infusion of Sodium Nitrite Protects Brain Against In Vivo Ischemia-Reperfusion Injury. <i>Stroke</i> , 2006, 37, 2744-2750.	1.0	233
4	Tocilizumab in Autoimmune Encephalitis Refractory to Rituximab: An Institutional Cohort Study. <i>Neurotherapeutics</i> , 2016, 13, 824-832.	2.1	197
5	HMG-CoA Reductase Inhibitor, Atorvastatin, Promotes Sensorimotor Recovery, Suppressing Acute Inflammatory Reaction After Experimental Intracerebral Hemorrhage. <i>Stroke</i> , 2004, 35, 1744-1749.	1.0	186
6	Systemic transplantation of human adipose stem cells attenuated cerebral inflammation and degeneration in a hemorrhagic stroke model. <i>Brain Research</i> , 2007, 1183, 43-50.	1.1	161
7	Treatment strategies for autoimmune encephalitis. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628561772234.	1.5	156
8	Rituximab treatment for autoimmune limbic encephalitis in an institutional cohort. <i>Neurology</i> , 2016, 86, 1683-1691.	1.5	149
9	Continuous cytosine-b-D-arabinofuranoside infusion reduces ectopic granule cells in adult rat hippocampus with attenuation of spontaneous recurrent seizures following pilocarpine-induced status epilepticus. <i>European Journal of Neuroscience</i> , 2004, 19, 3219-3226.	1.2	148
10	Anti-LGI1 encephalitis is associated with unique HLA subtypes. <i>Annals of Neurology</i> , 2017, 81, 183-192.	2.8	138
11	Circulating endothelial microparticles as a marker of cerebrovascular disease. <i>Annals of Neurology</i> , 2009, 66, 191-199.	2.8	135
12	Altered Expression of the Long Noncoding RNA NEAT1 in Huntington's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 1577-1586.	1.9	133
13	Slowed progression in models of huntington disease by adipose stem cell transplantation. <i>Annals of Neurology</i> , 2009, 66, 671-681.	2.8	114
14	Development of the clinical assessment scale in autoimmune encephalitis. <i>Annals of Neurology</i> , 2019, 85, 352-358.	2.8	107
15	Exosome-Based Delivery of miR-124 in a Huntington's Disease Model. <i>Journal of Movement Disorders</i> , 2017, 10, 45-52.	0.7	104
16	Blockade of AT1 Receptor Reduces Apoptosis, Inflammation, and Oxidative Stress in Normotensive Rats with Intracerebral Hemorrhage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 1051-1058.	1.3	96
17	Anti-N-Methyl-D-Aspartate Receptor Encephalitis in Korea: Clinical Features, Treatment, and Outcome.		

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19	Intracranial plaque enhancement from high resolution vessel wall magnetic resonance imaging predicts stroke recurrence. <i>International Journal of Stroke</i> , 2016, 11, 171-179.	2.9	86
20	Clinical manifestations and outcomes of the treatment of patients with GABAB encephalitis. <i>Journal of Neuroimmunology</i> , 2014, 270, 45-50.	1.1	85
21	Granulocyte colony-stimulating factor stimulates neurogenesis via vascular endothelial growth factor with STAT activation. <i>Brain Research</i> , 2006, 1073-1074, 190-201.	1.1	84
22	Effect of Immunotherapy on Seizure Outcome in Patients with Autoimmune Encephalitis: A Prospective Observational Registry Study. <i>PLoS ONE</i> , 2016, 11, e0146455.	1.1	74
23	Distinct intrathecal interleukin-17/interleukin-6 activation in anti-N-methyl-d-aspartate receptor encephalitis. <i>Journal of Neuroimmunology</i> , 2016, 297, 141-147.	1.1	64
24	Circulating Endothelial Progenitor Cells as a Pathogenetic Marker of Moyamoya Disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1795-1803.	2.4	63
25	Dysregulation of long non-coding RNAs in mouse models of localization-related epilepsy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 433-440.	1.0	59
26	Cerebral Cavernous Malformations With Dynamic and Progressive Course. <i>Archives of Neurology</i> , 2003, 60, 1613.	4.9	58
27	Distinct Expression of Long Non-Coding RNAs in an Alzheimer's Disease Model. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 837-849.	1.2	55
28	Effects of celecoxib on hematoma and edema volumes in primary intracerebral hemorrhage: a multicenter randomized controlled trial. <i>European Journal of Neurology</i> , 2013, 20, 1161-1169.	1.7	54
29	Early diagnosis of Alzheimer's disease from elevated olfactory mucosal miR-206 level. <i>Scientific Reports</i> , 2016, 6, 20364.	1.6	50
30	Region-specific plasticity in the epileptic rat brain: A hippocampal and extrahippocampal analysis. <i>Epilepsia</i> , 2009, 50, 537-549.	2.6	48
31	New feasible treatment for refractory autoimmune encephalitis: Low-dose interleukin-2. <i>Journal of Neuroimmunology</i> , 2016, 299, 107-111.	1.1	48
32	Orthostatic intolerance symptoms are associated with depression and diminished quality of life in patients with postural tachycardia syndrome. <i>Health and Quality of Life Outcomes</i> , 2016, 14, 144.	1.0	48
33	Clinical and angiographic factors related to the prognosis of cavernous sinus dural arteriovenous fistula. <i>Neuroradiology</i> , 2011, 53, 983-992.	1.1	47
34	Clinical manifestations of patients with CASPR2 antibodies. <i>Journal of Neuroimmunology</i> , 2015, 281, 17-22.	1.1	47
35	Prolonged-release melatonin in patients with idiopathic <scp>REM</scp> sleep behavior disorder. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 716-722.	1.7	44
36	Risk of Macrovascular Complications in Type 2 Diabetes Mellitus: Endothelial Microparticle Profiles. <i>Cerebrovascular Diseases</i> , 2011, 31, 485-493.	0.8	43

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37	Altered resting-state thalamo-occipital functional connectivity is associated with cognition in isolated rapid eye movement sleep behavior disorder. <i>Sleep Medicine</i> , 2020, 69, 198-203.	0.8	43
38	Frequency of and risk factors for oxcarbazepine-induced severe and symptomatic hyponatremia. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 208-212.	0.9	42
39	The <sc>HLA</sc>â€œ<sc>A</sc>*2402/<sc>C</sc>w*0102 haplotype is associated with lamotrigineâ€œinduced maculopapular eruption in the <sc>K</sc>orean population. <i>Epilepsia</i> , 2015, 56, e161-7.	2.6	42
40	The Etiologies of Early Neurological Deterioration after Thrombolysis and Risk Factors of Ischemia Progression. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 383-388.	0.7	42
41	Inhibition of miR-203 Reduces Spontaneous Recurrent Seizures in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 3300-3308.	1.9	40
42	Rapid diagnosis of bacterial meningitis by nanopore 16S amplicon sequencing: A pilot study. <i>International Journal of Medical Microbiology</i> , 2019, 309, 151338.	1.5	40
43	Augmentation of nitrite therapy in cerebral ischemia by NMDA receptor inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 507-512.	1.0	39
44	Non-stiff anti-amphiphysin syndrome: Clinical manifestations and outcome after immunotherapy. <i>Journal of Neuroimmunology</i> , 2014, 274, 209-214.	1.1	39
45	Wilson Disease With an Initial Manifestation of Polyneuropathy. <i>Archives of Neurology</i> , 2005, 62, 1628-31.	4.9	38
46	Altered Functional Connectivity in Idiopathic Rapid Eye Movement Sleep Behavior Disorder: A Resting-State EEG Study. <i>Sleep</i> , 2017, 40, .	0.6	38
47	Unique Behavioral Characteristics and microRNA Signatures in a Drug Resistant Epilepsy Model. <i>PLoS ONE</i> , 2014, 9, e85617.	1.1	36
48	Gamma oscillation in functional brain networks is involved in the spontaneous remission of depressive behavior induced by chronic restraint stress in mice. <i>BMC Neuroscience</i> , 2016, 17, 4.	0.8	35
49	New Pathophysiological Considerations on Cerebral Aneurysms. <i>Neurointervention</i> , 2018, 13, 73-83.	0.5	35
50	Progression of Cerebral White Matter Hyperintensities and the Associated Sonographic Index. <i>Radiology</i> , 2017, 284, 824-833.	3.6	34
51	Dysregulated long non-coding RNAs in the temporal lobe epilepsy mouse model. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 58, 110-119.	0.9	34
52	Induction of burst suppression or coma using intravenous anesthetics in refractory status epilepticus. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 854-858.	0.8	33
53	Diagnosis of Moyamoya Disease with Transcranial Doppler Sonography: Correlation Study with Magnetic Resonance Angiography. <i>Journal of Neuroimaging</i> , 2004, 14, 319-323.	1.0	31
54	G-CSF protects human cerebral hybrid neurons against in vitro ischemia. <i>Neuroscience Letters</i> , 2006, 394, 168-173.	1.0	31

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55	Multipotent PDGFR <sup>2</sup> -expressing cells in the circulation of stroke patients. <i>Neurobiology of Disease</i> , 2011, 41, 489-497.	2.1	31
56	<scp>HLA</scp>â€B*40:02 and <scp>DRB</scp>1*04:03 are risk factors for oxcarbazepineâ€induced maculopapular eruption. <i>Epilepsia</i> , 2016, 57, 1879-1886.	2.6	30
57	Predictors of survival for patients with cancer after cryptogenic stroke. <i>Journal of Neuro-Oncology</i> , 2016, 128, 277-284.	1.4	30
58	Population pharmacokinetics and dose-response relationship of levetiracetam in adult patients with epilepsy. <i>Epilepsy Research</i> , 2017, 132, 8-14.	0.8	30
59	Circulating Endothelial Progenitor Cells in Cerebrovascular Disease. <i>Journal of Clinical Neurology</i>		

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73	Prognostic Value of Initial Standard EEG and MRI in Patients with Herpes Simplex Encephalitis. Journal		
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91	Characteristics of intracranial aneurysms associated with extracranial carotid artery disease in South Korea. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1677-1681.	0.6	17
92	Cardiac sympathetic dysfunction in anti-NMDA receptor encephalitis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 142-146.	1.4	17
93	Clustering of spontaneous recurrent seizures separated by long seizure-free periods: An extended video-EEG monitoring study of a pilocarpine mouse model. <i>PLoS ONE</i> , 2018, 13, e0194552.	1.1	17
94	Efficacy of atomoxetine versus midodrine for neurogenic orthostatic hypotension. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 112-120.	1.7	17
95	Clinical characterization of unknown/cryptogenic status epilepticus suspected as encephalitis: A multicenter cohort study. <i>Journal of Neuroimmunology</i> , 2018, 315, 1-8.	1.1	16
96	Possible epigenetic regulatory effect of dysregulated circular RNAs in Alzheimer's disease model. <i>Scientific Reports</i> , 2019, 9, 11956.	1.6	16
97	Pneumonia in hospitalized neurologic patients: trends in pathogen distribution and antibiotic susceptibility. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 25.	1.5	16
98	Impact of Endothelial Shear Stress on the Bilateral Progression of Unilateral Moyamoya Disease. <i>Stroke</i> , 2020, 51, 775-783.	1.0	16
99	Mefloquine improved progressive multifocal leukoencephalopathy in a patient with immunoglobulin A nephropathy. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1661-1664.	0.8	15
100	Intrathecal-specific glutamic acid decarboxylase antibodies at low titers in autoimmune neurological disorders. <i>Journal of Neuroimmunology</i> , 2016, 290, 15-21.	1.1	15
101	Rituximab Treatment for Idiopathic Hypertrophic Pachymeningitis. <i>Journal of Clinical Neurology</i>		

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109	Maternal immune activation alters brain microRNA expression in mouse offspring. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1264-1276.	1.7	14
110	Heterogeneity of Cerebral White Matter Lesions and Clinical Correlates in Older Adults. <i>Stroke</i> , 2021, 52, 620-630.	1.0	14
111	Anti-LGI1 Limbic Encephalitis Presented with Atypical Manifestations. <i>Experimental Neurobiology</i> , 2013, 22, 337-340.	0.7	13
112	Central nervous system complications after liver transplantation. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1355-1359.	0.8	13
113	Prevalence of antineuronal antibodies in patients with encephalopathy of unknown etiology: Data from a nationwide registry in Korea. <i>Journal of Neuroimmunology</i> , 2016, 293, 34-38.	1.1	13
114	Monitoring cerebral blood flow change through use of arterial spin labelling in acute ischaemic stroke patients after intra-arterial thrombectomy. <i>European Radiology</i> , 2018, 28, 3276-3284.	2.3	13
115	Increasing prevalence of antimicrobial resistance in urinary tract infections of neurological patients, Seoul, South Korea, 2007-2016. <i>International Journal of Infectious Diseases</i> , 2019, 84, 109-115.	1.5	13
116	Nanopore 16S Amplicon Sequencing Enhances the Understanding of Pathogens in Medically Intractable Diabetic Foot Infections. <i>Diabetes</i> , 2021, 70, 1357-1371.	0.3	13
117	Echocardiographic Evidence of Innate Aortopathy in the Human Intracranial Aneurysm. <i>PLoS ONE</i> , 2014, 9, e100569.	1.1	13
118	Effect of obstructive sleep apnea on cerebrovascular compliance and cerebral small vessel disease. <i>PLoS ONE</i> , 2021, 16, e0259469.	1.1	13
119	The complexity of diagnosing postural orthostatic tachycardia syndrome: Influence of the diurnal variability. <i>Journal of the American Society of Hypertension</i> , 2016, 10, 263-270.	2.3	12
120	Prognosis of spontaneous cervical artery dissection and transcranial Doppler findings associated with clinical outcomes. <i>European Radiology</i> , 2016, 26, 1284-1291.	2.3	12
121	Altered insular functional connectivity in isolated REM sleep behavior disorder: a data-driven functional MRI study. <i>Sleep Medicine</i> , 2021, 79, 88-93.	0.8	12
122	Enlarged periventricular space and periventricular lesion extension on baseline brain MRI predicts poor neurological outcomes in cryptococcus meningoencephalitis. <i>Scientific Reports</i> , 2021, 11, 6446.	1.6	12
123	Experimental Induction of Cerebral Aneurysms by Developmental Low Copper Diet. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 455-463.	0.9	11
124	Serum neurofilament light chain as a severity marker for spinocerebellar ataxia. <i>Scientific Reports</i> , 2021, 11, 13517.	1.6	11
125	Idiopathic normal pressure hydrocephalus predominantly with prolonged fever and hyponatremia. <i>Neurology</i> , 2003, 61, 554-556.	1.5	10
126	Psychiatric symptoms delay the diagnosis of anti-LGI1 encephalitis. <i>Journal of Neuroimmunology</i> , 2018, 317, 8-14.	1.1	10



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127	Association of Bone Mineral Density With the Risk of Intracranial Aneurysm. JAMA Neurology, 2018, 75, 179.	4.5	10
128	Increased adverse events associated with antiepileptic drugs in anti-“leucine”rich glioma”inactivated protein 1 encephalitis. Epilepsia, 2018, 59, 108-112.	2.6	10
129	Association of blood pressure variability with orthostatic intolerance symptoms. PLoS ONE, 2017, 12, e0179132.	1.1	10
130	Comorbid Depression Is Associated with a Negative Treatment Response in Idiopathic REM Sleep		

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145	Imitative arm levitation from a recurrent right thalamic hemorrhage: A case report. <i>Neurology</i> , 2003, 61, 718-718.	1.5	7
146	Increased arterial pulsatility and progression of single subcortical infarction. <i>European Radiology</i> , 2017, 27, 899-906.	2.3	7
147	Adenovirus-mediated Foxp3 expression in lung epithelial cells ameliorates acute radiation-induced pneumonitis in mice. <i>Gene Therapy</i> , 2017, 24, 104-112.	2.3	7
148	Development of a dural arteriovenous fistula subsequent to cerebral venous thrombosis by venous hypertension. <i>ENeurologicalSci</i> , 2019, 14, 24-27.	0.5	7
149	Echocardiographic index E/e <sup>2</sup> ™ in association with cerebral white matter hyperintensity progression. <i>PLoS ONE</i> , 2020, 15, e0236473.	1.1	7
150	A new rapid titration protocol for lamotrigine that reduces the risk of skin rash. <i>Epilepsia Open</i> , 2021, 6, 394-401.	1.3	7
151	Antithrombotic Management of Patients with Nonvalvular Atrial Fibrillation and Ischemic Stroke or Transient Ischemic Attack: Executive Summary of the Korean Clinical Practice Guidelines for Stroke. <i>Journal of Stroke</i> , 2015, 17, 210.	1.4	7
152	Rapidly Progressive Toxic Leukoencephalomyelopathy with Myelodysplastic Syndrome: a		

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163	Unfavorable surgical outcomes in partial epilepsy with secondary bilateral synchrony: Intracranial electroencephalography study. <i>Epilepsy Research</i> , 2016, 122, 102-109.	0.8	5
164	The effect of dim light at night on cerebral hemodynamic oscillations during sleep: A near-infrared spectroscopy study. <i>Chronobiology International</i> , 2017, 34, 1325-1338.	0.9	5
165	Periodicity of cerebral flow velocity during sleep and its association with white-matter hyperintensity volume. <i>Scientific Reports</i> , 2019, 9, 15510.	1.6	5
166	Tolerability of lacosamide rapid dose titration: A randomized, multicenter, prospective, open-label study. <i>Epilepsy and Behavior</i> , 2021, 115, 107663.	0.9	5
167	Clinical Factors Associated with the Risk of Intracranial Aneurysm Rupture in Autosomal Dominant Polycystic Kidney Disease. <i>Cerebrovascular Diseases</i> , 2021, 50, 339-346.	0.8	5
168	Association of autosomal dominant polycystic kidney disease with cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3365-3377.	2.4	5
169	Isolated rapid eye movement sleep behavior disorder combined with obstructive sleep apnea: response to treatment and its associated factors. <i>Sleep Medicine</i> , 2022, 91, 75-83.	0.8	5
170	Tolerated nitrite therapy in experimental intracerebral hemorrhage: Rationale of nitrite therapy in a broad range of hyperacute strokes. <i>Neurochemistry International</i> , 2011, 59, 5-9.	1.9	4
171	Brainstem encephalitis caused by <i>Coxiella burnetii</i> . <i>Journal of Clinical Neuroscience</i> , 2014, 21, 699-701.	0.8	4
172	Protocol of the Stroke in Korean Young Adults Study: A Multicenter Caseâ€“Control Study and Prospective Cohort Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1503-1508.	0.7	4
173	The c-Abl inhibitor, nilotinib, as a potential therapeutic agent for chronic cerebellar ataxia. <i>Journal of Neuroimmunology</i> , 2017, 309, 82-87.	1.1	4
174	Impact of a selective cyclooxygenase-2 inhibitor, celecoxib, on cortical excitability and electrophysiological properties of the brain in healthy volunteers: A randomized, double-blind, placebo-controlled study. <i>PLoS ONE</i> , 2019, 14, e0212689.	1.1	4
175	Spontaneous spinal epidural hematoma treated with tissue plasminogen activator mimicking ischemic stroke. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 19, 100569.	0.2	4
176	Stroke Mimicking Encephalopathy as an Initial Manifestation of Diffuse Large B-Cell Lymphoma. <i>Journal</i>		

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181	Rhythmical Photic Stimulation at Alpha Frequencies Produces Antidepressant-Like Effects in a Mouse Model of Depression. PLoS ONE, 2016, 11, e0145374.	1.1	3

182 Intravascular lymphoma as a Potential Cause of Recurrent Embolic Stroke of Undetermined Source.

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199	Changing face of the Korean Neurological Association. <i>Neurology</i> , 2013, 80, 1145-1147.	1.5	0
200	Replying to the letter entitled "Management of coexistent intracranial aneurysms and extracranial carotid atherosclerotic disease". <i>Clinical Neurology and Neurosurgery</i> , 2014, 120, 143-144.	0.6	0
201	Delayed cranial neuropathies following zoster oticus: response to immunoglobulin treatment. <i>Acta Neurologica Belgica</i> , 2016, 116, 409-411.	0.5	0
202	A novel indicator, the "œjinx sign," is associated with an altered frontal-basal ganglionic connection. <i>Journal of the Neurological Sciences</i> , 2017, 379, 306-307.	0.3	0
203	Brachial artery occlusion mimicking stroke in patients at high risk of cardioembolic stroke. <i>Acta Neurologica Belgica</i> , 2019, 119, 501-503.	0.5	0
204	Trafficking of human neural stem cells is regulated by stromal cell-derived factor-1 $\alpha$ / CXCL12 / CXCR4 chemokine receptor 4 signaling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S511-S511.	2.4	0
205	Evaluation of Perioperative Antithrombotic Management in Patients Undergoing Moderate to High Risk Surgery. <i>Korean Journal of Clinical Pharmacy</i> , 2017, 27, 15-21.	0.0	0
206	Proteins related to ictogenesis and seizure clustering in chronic epilepsy. <i>Scientific Reports</i> , 2021, 11, 21508.	1.6	0
207	Effects of Dose Titration on Dipyridamole-Induced Headache: A Randomized, Double-Blind Clinical Trial. <i>Cerebrovascular Diseases</i> , 2022, 51, 493-498.	0.8	0