

Guidelines for Diagnosis and Treatment of Moyamoya Disease

Neurologia Medico-Chirurgica

52, 245-266

DOI: [10.2176/nmc.52.245](https://doi.org/10.2176/nmc.52.245)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Clinical Features, Surgical Treatment and Long-Term Outcome in Adult Patients with Moyamoya Disease in China. <i>Cerebrovascular Diseases</i> , 2012, 34, 305-313.	0.8	65
3	Outer diameter measured by 3D CISS MRI and quasi-Moyamoya disease. <i>Acta Neurochirurgica</i> , 2012, 154, 2159-2161.	0.9	2
4	Assessment of the difference in posterior circulation involvement between pediatric and adult patients with moyamoya disease. <i>Journal of Neurosurgery</i> , 2013, 119, 961-965.	0.9	74
5	Impact of posterior cerebral artery involvement on long-term clinical and social outcome of pediatric moyamoya disease. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 626-632.	0.8	67
6	Genetic Variant <i>RNF213</i> c.14576G>A in Various Phenotypes of Intracranial Major Artery Stenosis/Occlusion. <i>Stroke</i> , 2013, 44, 2894-2897.	1.0	132
7	Moyamoya Disease in Pregnancy: A Single Institute Experience. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 561-564.	1.0	18
8	Prospective Screening of Family Members with Moyamoya Disease Patients. <i>PLoS ONE</i> , 2014, 9, e88765.	1.1	16
9	Genetics and Biomarkers of Moyamoya Disease: Significance of <i>RNF213</i> as a Susceptibility Gene. <i>Journal of Stroke</i> , 2014, 16, 65.	1.4	132
10	The frequency of postoperative stroke in moyamoya disease following combined revascularization: a single-university series and systematic review. <i>Journal of Neurosurgery</i> , 2014, 121, 432-440.	0.9	161
11	An update on the diagnosis and treatment of adult Moyamoya disease taking into consideration controversial issues. <i>Neurological Research</i> , 2014, 36, 407-416.	0.6	56
12	Miscellaneous Vascular Diseases. , 2014, , 1-34.		0
13	Changes in Computed Tomography Perfusion Parameters after Superficial Temporal Artery to Middle Cerebral Artery Bypass: An Analysis of 29 Cases. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, 371-377.	0.4	4
14	Hemodynamic Study with Duplex Ultrasonography on Combined (Direct/Indirect) Revascularization in Adult Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 2573-2579.	0.7	16
15	Adult Moyamoya Disease in an Urban Center in the United States Is Associated With a High Burden of Watershed Ischemia. <i>Journal of the American Heart Association</i> , 2014, 3, .	1.6	5
16	Increased vascular MMP-9 in mice lacking RNF213. <i>NeuroReport</i> , 2014, 25, 1442-1446.	0.6	45
17	Effects of Surgical Revascularization on Cerebral Oxygen Metabolism in Patients With Moyamoya Disease. <i>Stroke</i> , 2014, 45, 2717-2721.	1.0	21
18	Role of Burr Hole Surgery in Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2014, 81, 27-28.	0.7	2
19	Effectiveness of Burr Holes for Indirect Revascularization in Patients with Moyamoya Disease—A Review of the Literature. <i>World Neurosurgery</i> , 2014, 81, 91-98.	0.7	38

#	ARTICLE	IF	CITATIONS
20	Temporal profile of the vascular anatomy evaluated by 9.4-T magnetic resonance angiography and histopathological analysis in mice lacking RNF213: A susceptibility gene for moyamoya disease. <i>Brain Research</i> , 2014, 1552, 64-71.	1.1	100
21	Incidence of late cerebrovascular events after direct bypass among children with moyamoya disease: a descriptive longitudinal study at a single center. <i>Acta Neurochirurgica</i> , 2014, 156, 551-559.	0.9	36
22	Recent Advances in Moyamoya Disease: Pathophysiology and Treatment. <i>Current Neurology and Neuroscience Reports</i> , 2014, 14, 423.	2.0	61
23	Development of a de novo arteriovenous malformation after bilateral revascularization surgery in a child with moyamoya disease. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 647-649.	0.8	34
24	Intraoperative assessment of cortical perfusion by indocyanine green videoangiography in surgical revascularization for moyamoya disease. <i>Acta Neurochirurgica</i> , 2014, 156, 1753-1760.	0.9	35
25	Effects of Extracranialâ€“Intracranial Bypass for Patients With Hemorrhagic Moyamoya Disease. <i>Stroke</i> , 2014, 45, 1415-1421.	1.0	533
26	Clinical and Angiographic Features and Stroke Types in Adult Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2014, 35, 1124-1131.	1.2	48
27	Venous Reddening as a Possible Sign of Hyperperfusion after Superficial Temporal Artery-Middle Cerebral Artery Anastomosis for Moyamoya Disease: Case Report. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 827-831.	1.0	12
28	Minocycline Prevents Focal Neurological Deterioration Due to Cerebral Hyperperfusion After Extracranial-Intracranial Bypass for Moyamoya Disease. <i>Neurosurgery</i> , 2014, 74, 163-170.	0.6	99
29	Current Status of Revascularization Surgery for Moyamoya Disease: Special Consideration for Its â€“Internal Carotid-External Carotid (IC-EC) Conversionâ€“™ as the Physiological Reorganization System. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 236, 45-53.	0.5	72
30	Diagnosis of Moyamoya Disease: International Standard and Regional Differences. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 189-193.	1.0	94
31	Cognitive Dysfunction Survey of the Japanese Patients with Moyamoya Disease (COSMO-JAPAN Study): Study Protocol. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 199-203.	1.0	22
32	Significance of Cerebral Blood Flow Analysis in the Acute Stage after Revascularization Surgery for Moyamoya Disease. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 775-781.	1.0	21
33	Unilateral Moyamoya Phenomenon with a String-of-beads Appearance in an Elderly Patient with the c.14576G>A Heterozygous Variant of RNF213. <i>Internal Medicine</i> , 2015, 54, 971-974.	0.3	2
34	Specific Shrinkage of Carotid Forks in Moyamoya Disease: A Novel Key Finding for Diagnosis. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 796-804.	1.0	30
35	Asymptomatic Moyamoya Disease: Literature Review and Ongoing AMORE Study. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 194-198.	1.0	60
36	Steroids and Immunosuppressant Agents Do Not Affect Indirect Revascularization in Quasi-Moyamoya Disease Associated with Pure Red Cell Aplasia: A Case Report. <i>NMC Case Report Journal</i> , 2015, 2, 12-15.	0.2	2
37	Moyamoya disease and other non-atherosclerotic cerebral vasculopathies. , 0, , 185-198.		0

#	ARTICLE	IF	CITATIONS
38	Treatment Strategies for Aneurysms Associated with Moyamoya Disease. <i>International Journal of Medical Sciences</i> , 2015, 12, 234-242.	1.1	59
39	Moyamoya disease and syndromes: from genetics to clinical management. <i>The Application of Clinical Genetics</i> , 2015, 8, 49.	1.4	130
40	Ivy Sign on Fluid-Attenuated Inversion Recovery Images in Moyamoya Disease: Correlation with Clinical Severity and Old Brain Lesions. <i>Yonsei Medical Journal</i> , 2015, 56, 1322.	0.9	17
41	Early surgical treatment benefits early staged pediatric moyamoya disease—single case report. <i>Child's Nervous System</i> , 2015, 31, 1195-1199.	0.6	2
42	Surgical anatomy and preservation of the middle meningeal artery during bypass surgery for moyamoya disease. <i>Acta Neurochirurgica</i> , 2015, 157, 29-36.	0.9	22
43	Predictive Factors for Epilepsy in Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 17-23.	0.7	23
44	Unstable moyamoya disease: clinical features and impact on perioperative ischemic complications. <i>Journal of Neurosurgery</i> , 2015, 122, 400-407.	0.9	71
46	Clinical characteristics and long-term outcomes of moyamoya syndrome associated with neurofibromatosis type 1. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 286-290.	0.8	22
47	Ischemic stroke in pediatric moyamoya disease associated with immune thrombocytopenia—a case report. <i>Child's Nervous System</i> , 2015, 31, 991-996.	0.6	5
48	A novel application of four-dimensional magnetic resonance angiography using an arterial spin labeling technique for noninvasive diagnosis of Moyamoya disease. <i>Clinical Neurology and Neurosurgery</i> , 2015, 137, 105-111.	0.6	30
49	Local Vasogenic Edema without Cerebral Hyperperfusion after Direct Revascularization Surgery for Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, e179-e184.	0.7	17
50	Quantitative H2[15O]-PET in Pediatric Moyamoya Disease: Evaluating Perfusion before and after Cerebral Revascularization. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 965-971.	0.7	24
51	Quantitative analysis of early postoperative cerebral blood flow contributes to the prediction and diagnosis of cerebral hyperperfusion syndrome after revascularization surgery for moyamoya disease. <i>Neurological Research</i> , 2015, 37, 131-138.	0.6	41
52	Chronic Ischemia Alters Brain Microstructural Integrity and Cognitive Performance in Adult Moyamoya Disease. <i>Stroke</i> , 2015, 46, 354-360.	1.0	80
53	Clinical Features, Surgical Treatment, and Long-Term Outcome in Pediatric Patients with Moyamoya Disease in China. <i>Cerebrovascular Diseases</i> , 2015, 39, 75-81.	0.8	86
54	Distinct clinical and radiographic characteristics of moyamoya disease amongst European Caucasians. <i>European Journal of Neurology</i> , 2015, 22, 1012-1017.	1.7	76
55	Moyamoya disease presenting with subarachnoid hemorrhage: Clinical features and neuroimaging of a case series. <i>British Journal of Neurosurgery</i> , 2015, 29, 804-810.	0.4	19
56	Genetic Analysis of RNF213 c.14576G>A Variant in Nonatherosclerotic Quasi-Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1075-1079.	0.7	24

#	ARTICLE	IF	CITATIONS
57	Temporal profile of the vascular anatomy evaluated by 9.4-tesla magnetic resonance angiography and histological analysis in mice with the R4859K mutation of RNF213 , the susceptibility gene for moyamoya disease. <i>Brain Research</i> , 2015, 1624, 497-505.	1.1	55
58	Vaginal Delivery under Epidural Analgesia in Pregnant Women with a Diagnosis of Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 921-924.	0.7	17
59	Enhanced post-ischemic angiogenesis in mice lacking RNF213; a susceptibility gene for moyamoya disease. <i>Brain Research</i> , 2015, 1594, 310-320.	1.1	67
60	High-resolution MR imaging of the arterial wall in moyamoya disease. <i>Neuroscience Letters</i> , 2015, 584, 77-82.	1.0	61
61	Relation of Bony Carotid Canal Diameter and Clinical Manifestations in Patients with Moyamoya Disease. <i>Korean Journal of Clinical Neurophysiology</i> , 2016, 18, 1.	0.1	0
62	Role of Ring Finger Protein 213 in Moyamoya Disease. <i>Chinese Medical Journal</i> , 2016, 129, 2497-2501.	0.9	15
63	Progress on Complications of Direct Bypass for Moyamoya Disease. <i>International Journal of Medical Sciences</i> , 2016, 13, 578-587.	1.1	59
64	The Efficacy of Single Barrel Superficial Temporal Artery-middle Cerebral Artery Bypass in Treatment of Adult Patients with Ischemic-type Moyamoya Disease. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2016, 18, 239.	0.2	11
65	Moyamoya Disease: Epidemiology, Clinical Features, and Diagnosis. <i>Journal of Stroke</i> , 2016, 18, 2-11.	1.4	333
66	Voxel Based Analysis of Surgical Revascularization for Moyamoya Disease: Pre- and Postoperative SPECT Studies. <i>PLoS ONE</i> , 2016, 11, e0148925.	1.1	15
67	Reversible striatal hypermetabolism in chorea associated with moyamoya disease: a report of two cases. <i>Child's Nervous System</i> , 2016, 32, 2243-2247.	0.6	11
68	Von Willebrand factor and coagulation factor VIII in Moyamoya disease associated with Graves' disease: A case report. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3195-3200.	0.8	3
69	Prehospital antiplatelet use and functional status on admission of patients with non-haemorrhagic moyamoya disease: a nationwide retrospective cohort study (J-ASPECT study). <i>BMJ Open</i> , 2016, 6, e009942.	0.8	32
70	Clinical and Angiographic Features of Patients with Moyamoya Disease and the p.R4810K Heterozygous Variant. <i>World Neurosurgery</i> , 2016, 90, 530-538.e3.	0.7	13
71	Risk Factors for Newly Developed Cerebral Infarction After Surgical Revascularization for Adults with Moyamoya Disease. <i>World Neurosurgery</i> , 2016, 92, 65-73.	0.7	25
72	Cortical and subcortical vascular hypointensity on T2* weighted imaging in moyamoya disease. <i>Neurological Research</i> , 2016, 38, 110-116.	0.6	7
73	Time-of-Flight MR Angiography for Detection of Cerebral Hyperperfusion Syndrome after Superficial Temporal Artery-Middle Cerebral Artery Anastomosis in Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2016, 37, 1244-1248.	1.2	11
74	Moyamoya Vessel Pathology Imaged by Ultra-High-Field Magnetic Resonance Imaging at 7.0T. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1544-1551.	0.7	13

#	ARTICLE	IF	CITATIONS
75	Mutation of rnf213a by TALEN causes abnormal angiogenesis and circulation defects in zebrafish. <i>Brain Research</i> , 2016, 1644, 70-78.	1.1	22
76	Ventricular Microaneurysms in Moyamoya Angiopathy Visualized with 7T MR Angiography. <i>American Journal of Neuroradiology</i> , 2016, 37, 1669-1672.	1.2	23
77	Effectiveness of Superficial Temporal Artery-to-Middle Cerebral Artery Anastomosis in Treating Moyamoya Disease by Reducing Endothelial Progenitor Cells. <i>World Neurosurgery</i> , 2016, 93, 365-370.	0.7	8
78	Adult moyamoya-atherosclerosis syndrome: Clinical and vessel wall imaging features. <i>Journal of the Neurological Sciences</i> , 2016, 369, 181-184.	0.3	15
79	Posterior Circulation Moyamoya Disease versus Primitive Vertebral-Basilar Artery System Moyamoya Disease: New Classification of Moyamoya Disease from the Perspective of Embryology. <i>World Neurosurgery</i> , 2016, 96, 222-229.	0.7	10
80	Clinical Features and Long-Term Outcomes of Unilateral Moyamoya Disease. <i>World Neurosurgery</i> , 2016, 96, 474-482.	0.7	29
81	Five-year experience of 101 adult patients with moyamoya disease at a single institution in Eastern China. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 30-34.	0.8	6
82	More Precise Imaging Analysis and Diagnosis of Moyamoya Disease and Moyamoya Syndrome Using High-Resolution Magnetic Resonance Imaging. <i>World Neurosurgery</i> , 2016, 96, 252-260.	0.7	17
83	Association between the rs112735431 polymorphism of the RNF213 gene and moyamoya disease: A case-control study and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 14-18.	0.8	15
84	Significant Association of the RNF213 p.R4810K Polymorphism with Quasi-Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2632-2636.	0.7	31
85	Universal Bypass for Treatment of Symptomatic Moyamoya Disease or Moyamoya Syndrome. Analysis of a Personal Case Series on Behalf of the Italian Moyamoya Association. <i>Acta Neurochirurgica Supplementum</i> , 2016, 123, 129-132.	0.5	6
86	Letter to the Editor: RNF213 variant and quasimoyamoya disease. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 653-654.	0.8	1
87	Histopathological features of middle cerebral artery and superficial temporal artery from patients with moyamoya disease and enlightenments on clinical treatment. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2016, 36, 871-875.	1.0	12
88	Cortical Microvascularization in Moyamoya Disease: Characteristics and the Relations with Surgical Outcomes of Encephaloduroarteriosynangiosis. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 325-327.	1.9	8
89	Added Value of Vessel Wall Magnetic Resonance Imaging in the Differentiation of Moyamoya Vasculopathies in a Non-Asian Cohort. <i>Stroke</i> , 2016, 47, 1782-1788.	1.0	85
90	Long Noncoding RNAs and Their Regulatory Network: Potential Therapeutic Targets for Adult Moyamoya Disease. <i>World Neurosurgery</i> , 2016, 93, 111-119.	0.7	19
91	Brain Stem Infarction Due to Basilar Artery Dissection in a Patient with Moyamoya Disease Four Years after Successful Bilateral Revascularization Surgeries. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, e79-e82.	0.7	2
92	Temporal profile of magnetic resonance angiography and decreased ratio of regulatory T cells after immunological adjuvant administration to mice lacking RNF213, a susceptibility gene for moyamoya disease. <i>Brain Research</i> , 2016, 1642, 1-9.	1.1	24

#	ARTICLE	IF	CITATIONS
93	Is Quasi-moyamoya Disease a Uniform Disease Entity? A Three-Dimensional Constructive Interference in Steady State Imaging Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1509-1516.	0.7	10
94	Angiopatia de moyamoya de inicio en el puerperio. Presentación de un caso y revisión de la literatura. <i>Neurología Argentina</i> , 2016, 8, 187-191.	0.1	0
95	Omental Approach to Functional Recovery After Cerebrovascular Disease. <i>World Neurosurgery</i> , 2016, 87, 406-416.	0.7	5
96	Neuromodulatory Role of Revascularization Surgery in Moyamoya Disease. <i>World Neurosurgery</i> , 2016, 91, 473-482.	0.7	9
97	A new horizon of moyamoya disease and associated health risks explored through RNF213. <i>Environmental Health and Preventive Medicine</i> , 2016, 21, 55-70.	1.4	95
98	Moyamoya disease associated with arteriovenous malformation and anterior communicating artery aneurysm: A case report and literature review. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 267-271.	0.8	11
99	CT perfusion assessment of Moyamoya syndrome before and after direct revascularization (superficial) Tj ETQq0 0 0 igBT /Overlock 10 T 2.35	0.7	30
100	Effects of Surgery and Antiplatelet Therapy in Ten-Year Follow-Up from the Registry Study of Research Committee on Moyamoya Disease in Japan. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 340-349.	0.7	65
101	Association of apolipoprotein E gene polymorphism with small-vessel lesions and stroke type in moyamoya disease: a preliminary study. <i>Journal of Neurosurgery</i> , 2016, 124, 1738-1745.	0.9	2
102	Role of and Indications for Bypass Surgery After Carotid Occlusion Surgery Study (COSS)?. <i>Stroke</i> , 2016, 47, 282-290.	1.0	95
103	Stroke prevention by direct revascularization for patients with adult-onset moyamoya disease presenting with ischemia. <i>Journal of Neurosurgery</i> , 2016, 124, 1788-1793.	0.9	90
104	Miscellaneous Vascular Diseases. , 2016, , 751-780.		0
105	Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis). , 2016, , 817-863.		0
106	Significance of the Hemorrhagic Site for Recurrent Bleeding. <i>Stroke</i> , 2016, 47, 37-43.	1.0	113
107	Multiple encephalocaleoperiosteal synangiosis for bilateral carotid artery stenosis in a 13-year-old girl: a case report. <i>Child's Nervous System</i> , 2016, 32, 877-880.	0.6	1
108	Surgical outcomes following encephaloduroarteriosynangiosis in adult moyamoya disease associated with Type 2 diabetes. <i>Journal of Neurosurgery</i> , 2016, 125, 308-314.	0.9	17
109	Periventricular anastomosis in moyamoya disease: detecting fragile collateral vessels with MR angiography. <i>Journal of Neurosurgery</i> , 2016, 124, 1766-1772.	0.9	78
110	Importance of RNF213 polymorphism on clinical features and long-term outcome in moyamoya disease. <i>Journal of Neurosurgery</i> , 2016, 124, 1221-1227.	0.9	94

#	ARTICLE	IF	CITATIONS
111	Headache in Caucasian patients with Moyamoya angiopathy – a systematic cohort study. <i>Cephalalgia</i> , 2017, 37, 496-500.	1.8	28
112	The Association of the RNF213 p.R4810K Polymorphism with Quasi-Moyamoya Disease and a Review of the Pertinent Literature. <i>World Neurosurgery</i> , 2017, 99, 701-708.e1.	0.7	19
113	Incidence, Locations, and Longitudinal Course of Cerebral Microbleeds in European Moyamoya. <i>Stroke</i> , 2017, 48, 307-313.	1.0	23
114	Indocyanine green visualization of middle meningeal artery before craniotomy during surgical revascularization for moyamoya disease. <i>Acta Neurochirurgica</i> , 2017, 159, 567-575.	0.9	17
115	Clinical Characteristics and Natural History of Quasi-Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1088-1097.	0.7	12
116	The Susceptibility Pathogenesis of Moyamoya Disease. <i>World Neurosurgery</i> , 2017, 101, 731-741.	0.7	21
117	Clinical Features, Surgical Treatment, and Long-Term Outcome in Elderly Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2017, 100, 459-466.	0.7	22
118	BOLD-fMRI with median nerve electrical stimulation predict hemodynamic improvement after revascularization in patients with moyamoya disease. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1159-1166.	1.9	2
119	Noninvasive Evaluation of CBF and Perfusion Delay of Moyamoya Disease Using Arterial Spin-Labeling MRI with Multiple Postlabeling Delays: Comparison with ¹⁵ O-Gas PET and DSC-MRI. <i>American Journal of Neuroradiology</i> , 2017, 38, 696-702.	1.2	53
120	Etiology and pathogenesis of Moyamoya Disease: An update on disease prevalence. <i>International Journal of Stroke</i> , 2017, 12, 246-253.	2.9	73
121	Ischemic Stroke in Young Adults with Moyamoya Disease: Prognostic Factors for Stroke Recurrence and Functional Outcome after Revascularization. <i>World Neurosurgery</i> , 2017, 103, 161-167.	0.7	31
122	The “ivy sign score” on FLAIR MR images: Clinical utility following revascularization in pediatric Moyamoya disease. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2017, 48, 695-700.	0.3	1
123	Comparison of 3D magnetic resonance imaging and digital subtraction angiography for intracranial artery stenosis. <i>European Radiology</i> , 2017, 27, 4737-4746.	2.3	29
124	Difference in Cerebral Circulation Time between Subtypes of Moyamoya Disease and Moyamoya Syndrome. <i>Scientific Reports</i> , 2017, 7, 2587.	1.6	3
125	Rare RNF213 variants in the C-terminal region encompassing the RING-finger domain are associated with moyamoya angiopathy in Caucasians. <i>European Journal of Human Genetics</i> , 2017, 25, 995-1003.	1.4	77
126	Rapid contralateral progression of focal cerebral arteriopathy distinguished from RNF213-related moyamoya disease and fibromuscular dysplasia. <i>Child's Nervous System</i> , 2017, 33, 1405-1409.	0.6	4
127	Berlin Grading System Can Stratify the Onset and Predict Perioperative Complications in Adult Moyamoya Disease. <i>Neurosurgery</i> , 2017, 81, 986-991.	0.6	24
128	Uneven cerebral hemodynamic change as a cause of neurological deterioration in the acute stage after direct revascularization for moyamoya disease: cerebral hyperperfusion and remote ischemia caused by the “watershed shift”. <i>Neurosurgical Review</i> , 2017, 40, 507-512.	1.2	40

#	ARTICLE	IF	CITATIONS
129	Long-Term Outcome After Conservative Treatment and Direct Bypass Surgery of Moyamoya Disease at Late Suzuki Stage. <i>World Neurosurgery</i> , 2017, 103, 283-290.	0.7	22
130	De novo mutations in CBL causing early-onset paediatric moyamoya angiopathy. <i>Journal of Medical Genetics</i> , 2017, 54, 550-557.	1.5	33
131	Pathophysiological consideration of medullary streaks on FLAIR imaging in pediatric moyamoya disease. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 560-566.	0.8	14
132	Meandering flow void around the splenium in moyamoya disease. <i>Neurological Research</i> , 2017, 39, 702-708.	0.6	3
133	2014 Chinese guidelines for secondary prevention of ischemic stroke and transient ischemic attack. <i>International Journal of Stroke</i> , 2017, 12, 302-320.	2.9	92
135	Moyamoya Disease. <i>Frontiers of Neurology and Neuroscience</i> , 2016, 40, 204-220.	3.0	92
136	Comparison of 7 T and 3 T MRI in patients with moyamoya disease. <i>Magnetic Resonance Imaging</i> , 2017, 37, 134-138.	1.0	19
137	Downregulation of Apolipoprotein-E and Apolipoprotein-J in Moyamoya Disease—A Proteome Analysis of Cerebrospinal Fluid. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2981-2987.	0.7	8
138	The Collateral Circulation in Moyamoya Disease: A Single-Center Experience in 140 Pediatric Patients. <i>Pediatric Neurology</i> , 2017, 77, 78-83.	1.0	17
139	Moyamoya Disease in Children: Results From the International Pediatric Stroke Study. <i>Journal of Child Neurology</i> , 2017, 32, 924-929.	0.7	81
140	Adolescents with moyamoya disease: clinical features, surgical treatment and long-term outcomes. <i>Acta Neurochirurgica</i> , 2017, 159, 2071-2080.	0.9	12
141	Altered expression of circular RNAs in Moyamoya disease. <i>Journal of the Neurological Sciences</i> , 2017, 381, 25-31.	0.3	29
142	Genetic Analysis of Ring Finger Protein 213 (RNF213) c.14576G>A in Intracranial Atherosclerosis of the Anterior and Posterior Circulations. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2638-2644.	0.7	24
143	Transient Ischemic Attack in Pediatric Patients With Moyamoya Disease: Clinical Features, Natural History, and Predictors of Stroke. <i>Pediatric Neurology</i> , 2017, 75, 48-54.	1.0	17
144	Clinical Features of Hemorrhagic Moyamoya Disease in China. <i>World Neurosurgery</i> , 2017, 106, 224-230.	0.7	13
145	Enlarged Encephalo-Duro-Myo-Synangiosis Treatment for Moyamoya Disease in Young Children. <i>World Neurosurgery</i> , 2017, 106, 9-16.	0.7	15
146	Genetic analysis of RNF213 p.R4810K variant in non-moyamoya intracranial artery stenosis/occlusion disease in a Chinese population. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 41.	1.4	9
147	Assessment of the cortical artery using computed tomography angiography for bypass surgery in moyamoya disease. <i>Neurosurgical Review</i> , 2017, 40, 299-307.	1.2	14

#	ARTICLE	IF	CITATIONS
148	Moyamoya vasculopathy – Patient demographics and characteristics in the Finnish population. <i>International Journal of Stroke</i> , 2017, 12, 90-95.	2.9	15
149	Anomalies of the Middle Cerebral Artery. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 261-266.	1.0	59
150	Rare variants of RNF213 and moyamoya/non-moyamoya intracranial artery stenosis/occlusion disease risk: a meta-analysis and systematic review. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 75.	1.4	37
151	Direct Anastomosis Using Occipital Artery for Additional Revascularization in Moyamoya Disease After Combined Superficial Temporal Artery–Middle Cerebral Artery and Indirect Bypass. <i>Operative Neurosurgery</i> , 2017, 13, 213-223.	0.4	25
152	Differences in the Genotype Frequency of the RNF213 Variant in Patients with Familial Moyamoya Disease in Kyushu, Japan. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 607-611.	1.0	4
153	Coexistence of Quasi-moyamoya Disease and POEMS Syndrome in a Patient with Intracranial Hemorrhage: A Case Report and Literature Review. <i>NMC Case Report Journal</i> , 2017, 4, 5-9.	0.2	10
154	French clinical practice guidelines for Moyamoya angiopathy. <i>Revue Neurologique</i> , 2018, 174, 292-303.	0.6	21
155	Radionuclide Imaging of Cerebral Blood Flow. , 2018, , 451-469.		0
156	Association of Ring Finger Protein 213 Gene P.R4810k Polymorphism with Intracranial Major Artery Stenosis/Occlusion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1556-1564.	0.7	4
157	Dysregulation of RNF213 promotes cerebral hypoperfusion. <i>Scientific Reports</i> , 2018, 8, 3607.	1.6	34
158	Paradoxical Association of Symptomatic Local Vasogenic Edema with Global Cerebral Hypoperfusion after Direct Revascularization Surgery for Adult Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, e172-e176.	0.7	9
159	Occipital Artery to Middle Cerebral Artery Bypass in Cases of Unavailable Superficial Temporal Artery. <i>World Neurosurgery</i> , 2018, 112, 101-108.	0.7	9
160	Preoperatively reduced cerebrovascular contractile reactivity to hypocapnia by hyperventilation is associated with cerebral hyperperfusion syndrome after arterial bypass surgery for adult patients with cerebral misery perfusion due to ischemic moyamoya disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1021-1031.	2.4	26
161	Application of CT perfusion to assess hemodynamics in symptomatic Moyamoya syndrome: focus on affected side and parameter characteristic. <i>Child's Nervous System</i> , 2018, 34, 1189-1197.	0.6	2
162	Novel and recurrent RNF213 variants in Japanese pediatric patients with moyamoya disease. <i>Human Genome Variation</i> , 2018, 5, 17060.	0.4	12
163	Surgical Management of Moyamoya Disease. <i>Stroke</i> , 2018, 49, 476-482.	1.0	137
164	Thyroid Autoantibodies and the Clinical Presentation of Moyamoya Disease: A Prospective Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1194-1199.	0.7	7
165	Clinical Features, Surgical Treatment, and Long-Term Outcome in Children with Hemorrhagic Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1517-1523.	0.7	15

#	ARTICLE	IF	CITATIONS
166	Contrast-Enhanced Color-Coded Doppler Sonography in Moyamoya Disease: A Retrospective Study. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1281-1285.	0.7	8
167	Effects of different surgical modalities on the clinical outcome of patients with moyamoya disease: a prospective cohort study. <i>Journal of Neurosurgery</i> , 2018, 128, 1327-1337.	0.9	58
168	Comparative study of 4D CTA and DSA for vascular assessment in moyamoya disease. <i>Clinical Imaging</i> , 2018, 48, 74-78.	0.8	6
169	Unilateral moyamoya disease with ipsilateral carotid canal hypoplasia: A case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2018, 11, 41-43.	0.2	1
170	Postoperative Cerebral Ischemia Due to Hypotension in Moyamoya Patient with Autonomic Dysfunction. <i>World Neurosurgery</i> , 2018, 109, 204-208.	0.7	5
171	The Utility of Collaterals as a Biomarker in Pediatric Unilateral Intracranial Arteriopathy. <i>Pediatric Neurology</i> , 2018, 78, 27-34.	1.0	8
172	Moyamoya disease: A rare case with an unusual presentation. <i>Neuroradiology Journal</i> , 2018, 31, 328-329.	0.6	1
173	Pregnancy and delivery in moyamoya vasculopathy: experience of a single European institution. <i>Neurosurgical Review</i> , 2018, 41, 615-619.	1.2	10
174	Elevation of Proenkephalin 143â€“183 in Cerebrospinal Fluid in Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 109, e446-e459.	0.7	7
175	Increased serum production of soluble CD163 and CXCL5 in patients with moyamoya disease: Involvement of intrinsic immune reaction in its pathogenesis. <i>Brain Research</i> , 2018, 1679, 39-44.	1.1	34
176	Surgical Revascularization for Children with Moyamoya Disease: A New Modification to the Pial Synangiosis. <i>World Neurosurgery</i> , 2018, 110, e203-e211.	0.7	5
177	Posterior circulation involvement in pediatric and adult patients with moyamoya disease: a single center experience in 574 patients. <i>Acta Neurologica Belgica</i> , 2018, 118, 227-233.	0.5	21
178	Risk Factors for Epilepsy Recurrence after Revascularization in Pediatric Patients with Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 740-746.	0.7	12
179	Direct versus indirect bypasses for adult ischemic-type moyamoya disease: a propensity scoreâ€“matched analysis. <i>Journal of Neurosurgery</i> , 2018, 128, 1785-1791.	0.9	45
180	Comparative study of MR mTI-ASL and DSC-PWI in evaluating cerebral hemodynamics of patients with Moyamoya disease. <i>Medicine (United States)</i> , 2018, 97, e12768.	0.4	8
181	Peek through the smoke: a report of moyamoya disease in a 32-year-old female patient presenting with ischaemic stroke. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-221685.	0.2	1
182	Unilateral hemorrhagic moyamoya disease and contralateral cavernous aneurysm in an Indian woman treated with stent-assisted coil technique: case report. <i>Egyptian Journal of Neurosurgery</i> , 2018, 33, .	0.2	0
183	Direct Bypass Surgery Vs. Combined Bypass Surgery for Hemorrhagic Moyamoya Disease: A Comparison of Angiographic Outcomes. <i>Frontiers in Neurology</i> , 2018, 9, 1121.	1.1	32

#	ARTICLE	IF	CITATIONS
184	Treatment of Moyamoya Disease. <i>Neurosurgery</i> , 2018, 65, 62-65.	0.6	20
185	Postoperative Intracerebral Hemorrhage After Combined Revascularization Surgery in Moyamoya Disease: Profiles and Clinical Associations. <i>World Neurosurgery</i> , 2018, 120, e593-e600.	0.7	20
186	Encephaloduroarteriosynangiosis for Pediatric Moyamoya Disease: A Single-Center Experience With 67 Cases in China. <i>Journal of Child Neurology</i> , 2018, 33, 901-908.	0.7	7
187	<i>ACTA</i> Cerebral Arteriopathy: Not Just a Puff of Smoke. <i>Cerebrovascular Diseases</i> , 2018, 46, 159-169.	0.8	22
188	Transient Symptomatic Downregulation of Cortical Neurotransmitter Receptor Function Due to Cerebral Hyperperfusion after Arterial Bypass Surgery for a Patient with Ischemic Moyamoya Disease. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 481-484.	1.0	15
189	Comparison of Effects between Clopidogrel and Cilostazol on Cerebral Perfusion in Nonsurgical Adult Patients with Symptomatically Ischemic Moyamoya Disease: Subanalysis of a Prospective Cohort. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3373-3379.	0.7	23
190	Trends of Antiplatelet Therapy for the Management of Moyamoya Disease in Japan: Results of a Nationwide Survey. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3605-3612.	0.7	25
191	Predicting the Occurrence of Hemorrhagic Cerebral Hyperperfusion Syndrome Using Regional Cerebral Blood Flow After Direct Bypass Surgery in Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 119, e750-e756.	0.7	19
192	Large Scalp Defect Repair with Flap Reconstruction Using Tissue Expander After Combined Bypass in Case of Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 120, 185-189.	0.7	3
193	Cerebral Bypass Surgery: Level of Evidence and Grade of Recommendation. <i>Acta Neurochirurgica Supplementum</i> , 2018, 129, 73-77.	0.5	15
194	Incidence of Moyamoya Disease in Denmark: A Population-Based Register Study. <i>Acta Neurochirurgica Supplementum</i> , 2018, 129, 91-93.	0.5	20
195	Circulating miRNome profiling in Moyamoya disease-discordant monozygotic twins and endothelial microRNA expression analysis using iPS cell line. <i>BMC Medical Genomics</i> , 2018, 11, 72.	0.7	17
196	Efficacy of STAâ€“MCA bypass surgery in moyamoya angiopathy: long-term follow-up of the Caucasian Krupp Hospital cohort with 81 procedures. <i>Journal of Neurology</i> , 2018, 265, 2425-2433.	1.8	23
197	Enfermedad moyamoya en MÃ©xico. Experiencia institucional. <i>NeurologÃ­a</i> , 2018, , .	0.3	0
198	Development of moyamoya disease after non-herpetic acute limbic encephalitis: A case report. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 250-253.	0.8	6
199	Recommendations for the Management of Moyamoya Disease: A Statement from Research Committee on Spontaneous Occlusion of the Circle of Willis (Moyamoya Disease) [2nd Edition]. <i>Surgery for Cerebral Stroke</i> , 2018, 46, 1-24.	0.0	43
200	Late Cerebrovascular Events and Social Outcome after Adolescence: Long-term Outcome of Pediatric Moyamoya Disease. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 240-246.	1.0	28
201	When and why is surgical revascularization indicated for the treatment of moyamoya syndrome in patients with RASopathies? A systematic review of the literature and a single institute experience. <i>Child's Nervous System</i> , 2018, 34, 1311-1323.	0.6	22

#	ARTICLE	IF	CITATIONS
202	Long-term Outcomes After Encephaloduroarteriosynangiosis in Adult Patients with Moyamoya Disease Presenting with Ischemia. <i>World Neurosurgery</i> , 2018, 115, e482-e489.	0.7	21
203	Interdisciplinary Prevention and Management of Wound-Related Complications in Extracranial-to-Intracranial Bypass Surgery. <i>World Neurosurgery</i> , 2018, 115, 247-253.	0.7	9
204	Long-Term Outcomes After Combined Revascularization Surgery in Adult Hemorrhagic Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 116, e1032-e1041.	0.7	15
205	Impact of seasonal variations on the first ischemic events in patients with moyamoya disease. <i>Clinical Neurology and Neurosurgery</i> , 2018, 173, 65-69.	0.6	3
206	Accuracy of brain perfusion single-photon emission computed tomography for detecting misery perfusion in adult patients with symptomatic ischemic moyamoya disease. <i>Annals of Nuclear Medicine</i> , 2018, 32, 611-619.	1.2	19
207	RNF213 p.R4810K Polymorphism and the Risk of Moyamoya Disease, Intracranial Major Artery Stenosis/Occlusion, and Quasi-Moyamoya Disease: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2259-2270.	0.7	21
208	Biphasic Development of Focal Cerebral Hyperperfusion After Revascularization Surgery for Adult Moyamoya Disease Associated With Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3256-3260.	0.7	5
209	Association Between Champagne Bottle Neck Sign of Internal Carotid Artery and Ipsilateral Hemorrhagic Stroke in Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 118, e18-e24.	0.7	6
210	Unilateral moyamoya disease mimicking intracranial hemorrhage in a pediatric patient: Surgical treatment with encephalo-duro-myo-synangiosis in a progressive disease. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2018, 14, 102-110.	0.2	1
211	Precision Medicine for Ischemic Cerebrovascular Diseases. <i>Japanese Journal of Neurosurgery</i> , 2018, 27, 528-538.	0.0	0
212	Moyamoya angiopathy: early postoperative course within 3 months after STA-MCA bypass surgery in Europe—a retrospective analysis of 64 procedures. <i>Journal of Neurology</i> , 2018, 265, 2370-2378.	1.8	13
213	Visualization and Classification of Deeply Seated Collateral Networks in Moyamoya Angiopathy with 7T MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 1248-1254.	1.2	17
214	Bilateral Visual Field Loss in an Adolescent Girl With Migraine Headaches. <i>JAMA Ophthalmology</i> , 2018, 136, 1072.	1.4	1
215	Moyamoya disease in pregnancy: a systematic review. <i>Acta Neurochirurgica</i> , 2018, 160, 1711-1719.	0.9	26
216	Impact of Interethnic Difference of Collateral Angioarchitectures on Prevalence of Hemorrhagic Stroke in Moyamoya Disease. <i>Neurosurgery</i> , 2019, 85, 134-146.	0.6	27
217	Two-Year Clinical, Cerebral Hemodynamic, and Cognitive Outcomes of Adult Patients Undergoing Medication Alone for Symptomatically Ischemic Moyamoya Disease Without Cerebral Misery Perfusion: A Prospective Cohort Study. <i>Neurosurgery</i> , 2019, 84, 1233-1241.	0.6	40
218	Encephaloduroarteriosynangiosis for hemorrhagic moyamoya disease: long-term outcome of a consecutive series of 95 adult patients from a single center. <i>Journal of Neurosurgery</i> , 2019, 130, 1898-1905.	0.9	19
219	Intrinsic development of choroidal and thalamic collaterals in hemorrhagic-onset moyamoya disease: case-control study of the Japan Adult Moyamoya Trial. <i>Journal of Neurosurgery</i> , 2019, 130, 1453-1459.	0.9	45

#	ARTICLE	IF	CITATIONS
220	Collateral Circulation in Moyamoya Disease. <i>Stroke</i> , 2019, 50, 2708-2715.	1.0	60
221	Association Between p.R4810K Variant and Long-Term Clinical Outcome in Patients With Moyamoya Disease. <i>Frontiers in Neurology</i> , 2019, 10, 662.	1.1	27
222	Clinical Features and Surgical Outcomes of Patients With Moyamoya Disease and the Homozygous RNF213 p.R4810K Variant. <i>Journal of Child Neurology</i> , 2019, 34, 793-800.	0.7	13
223	Influence of Inflammatory Disease on the Pathophysiology of Moyamoya Disease and Quasi-moyamoya Disease. <i>Neurologia Medico-Chirurgica</i> , 2019, 59, 361-370.	1.0	53
224	Serum Uric Acid and Triglycerides in Chinese Patients with Newly Diagnosed Moyamoya Disease: A Cross-Sectional Study. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	12
225	Association of Superficial Temporal Artery Dilatation with Headache After Revascularization in Adult Moyamoya Disease. <i>World Neurosurgery</i> , 2019, 129, e594-e606.	0.7	5
226	Characteristics of Moyamoya Disease Based on National Registry Data in Japan. <i>Stroke</i> , 2019, 50, 1973-1980.	1.0	45
227	Prognostic factors for adult patients with hemorrhagic moyamoya disease in the acute stage. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105409.	0.6	1
228	Abnormal Embryonic Development of Cerebral Arteries as a Potential Cause of Moyamoya Disease. <i>World Neurosurgery</i> , 2019, 129, e224-e232.	0.7	5
229	Predictors and clinical features of transient neurological events after combined bypass revascularization for moyamoya disease. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105505.	0.6	11
230	Lateral Posterior Choroidal Collateral Anastomosis Predicts Recurrent Ipsilateral Hemorrhage in Adult Patients with Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2019, 40, 1665-1671.	1.2	11
231	Expression analysis of transfer RNA-derived fragments in the blood of patients with moyamoya disease: A preliminary study. <i>Molecular Medicine Reports</i> , 2019, 19, 3564-3574.	1.1	10
232	Evaluation of Hemodynamics Before and After Revascularization in Hemorrhagic Moyamoya Disease: A Computed Tomography Perfusion Imaging Case Study. <i>World Neurosurgery</i> , 2019, 131, e277-e283.	0.7	4
233	Gene dysregulation in peripheral blood of moyamoya disease and comparison with other vascular disorders. <i>PLoS ONE</i> , 2019, 14, e0221811.	1.1	15
234	Identification of the Bleeding Point in Hemorrhagic Moyamoya Disease Using Fusion Images of Susceptibility-Weighted Imaging and Time-of-Flight MRA. <i>American Journal of Neuroradiology</i> , 2019, 40, 1674-1680.	1.2	11
235	Cranioplasty after decompressive craniectomy in hemorrhagic moyamoya disease. <i>Journal of Clinical Neuroscience</i> , 2019, 70, 234-237.	0.8	0
236	Association between p.R4810K Variant and Postoperative Collateral Formation in Patients with Moyamoya Disease. <i>Cerebrovascular Diseases</i> , 2019, 48, 77-84.	0.8	13
237	Association of CD40 SNPs with Moyamoya in a Chinese children population. <i>British Journal of Neurosurgery</i> , 2019, 33, 398-401.	0.4	4

#	ARTICLE	IF	CITATIONS
238	Management of Stroke in Neonates and Children: A Scientific Statement From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2019, 50, e51-e96.	1.0	425
239	Comparison of TOF-MRA and silent scan-MRA in depicting cerebral arteries in patients with Moyamoya disease. <i>Acta Radiologica</i> , 2019, 60, 1321-1328.	0.5	12
241	Standardized MR Perfusion Scoring System for Evaluation of Sequential Perfusion Changes and Surgical Outcome of Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2019, 40, 260-266.	1.2	19
242	Unraveling Specific Brain Microstructural Damage in Moyamoya Disease Using Diffusion Magnetic Resonance Imaging and Positron Emission Tomography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1113-1125.	0.7	14
243	Incidence and Risk Factors of the Watershed Shift Phenomenon after Superficial Temporal Artery-Middle Cerebral Artery Anastomosis for Adult Moyamoya Disease. <i>Cerebrovascular Diseases</i> , 2019, 47, 178-187.	0.8	35
244	Cerebrovascular events after surgery versus conservative therapy for moyamoya disease: a meta-analysis. <i>Acta Neurologica Belgica</i> , 2019, 119, 305-313.	0.5	19
245	Intravoxel incoherent motion perfusion in patients with Moyamoya disease: comparison with ¹⁵ O-gas positron emission tomography. <i>Acta Radiologica Open</i> , 2019, 8, 205846011984658.	0.3	3
246	Predictors of clinical or cerebral lesion progression in adult moyamoya angiopathy. <i>Neurology</i> , 2019, 93, e388-e397.	1.5	21
247	Histopathology of Moyamoya angiopathy in a European patient. <i>Journal of Neurology</i> , 2019, 266, 2258-2262.	1.8	13
248	Arterial Spin Labeling MRI for Quantitative Assessment of Cerebral Perfusion Before and After Cerebral Revascularization in Children with Moyamoya Disease. <i>Korean Journal of Radiology</i> , 2019, 20, 985.	1.5	25
249	Prevalence of <i>RNF213</i> p.R4810K Variant in Early-Onset Stroke With Intracranial Arterial Stenosis. <i>Stroke</i> , 2019, 50, 1561-1563.	1.0	32
250	Surgery for Moyamoya Disease in Children. <i>Journal of Child Neurology</i> , 2019, 34, 517-529.	0.7	19
251	Meta-Analysis of Prognosis of Different Treatments for Symptomatic Moyamoya Disease. <i>World Neurosurgery</i> , 2019, 127, 354-361.	0.7	35
252	Multiple Burr-Hole Surgery for the Treatment of Moyamoya Disease and Quasi-Moyamoya Disease in Children: Preliminary Surgical and Imaging Results. <i>World Neurosurgery</i> , 2019, 127, e843-e855.	0.7	11
253	Asymmetric Cortical Vessel Sign Indicates Hemodynamic Deficits in Adult Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2019, 127, e137-e141.	0.7	6
254	Rare and Low-Frequency Variants in <i>RNF213</i> Confer Susceptibility to Moyamoya Syndrome Associated with Hyperthyroidism. <i>World Neurosurgery</i> , 2019, 127, e460-e466.	0.7	5
255	Clinical and Molecular Features of 5 European Multigenerational Families With Moyamoya Angiopathy. <i>Stroke</i> , 2019, 50, 789-796.	1.0	27
256	Restoration of periventricular vasculature after direct bypass for moyamoya disease: intra-individual comparison. <i>Acta Neurochirurgica</i> , 2019, 161, 947-954.	0.9	13

#	ARTICLE	IF	CITATIONS
258	Epidemiology, diagnosis and treatment of moyamoya disease (Review). <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 1977-1984.	0.8	62
259	Clinical presentation of Moyamoya angiopathy in Europeans: experiences from Germany with 200 patients. <i>Journal of Neurology</i> , 2019, 266, 1421-1428.	1.8	29
260	Stenosis Severity-Dependent Shrinkage of Posterior Cerebral Artery in Moyamoya Disease. <i>World Neurosurgery</i> , 2019, 126, e661-e670.	0.7	11
261	Features of Childhood Arterial Ischemic Stroke in China. <i>Fetal and Pediatric Pathology</i> , 2019, 38, 317-325.	0.4	3
262	Clinical Role of Microembolic Signals in Adult Moyamoya Disease With Ischemic Stroke. <i>Stroke</i> , 2019, 50, 1130-1135.	1.0	21
263	Genotype-Phenotype Correlation in Long-Term Cohort of Japanese Patients with Moyamoya Disease. <i>Cerebrovascular Diseases</i> , 2019, 47, 105-111.	0.8	26
264	Misdiagnoses and delay of diagnoses in Moyamoya angiopathy—a large Caucasian case series. <i>Journal of Neurology</i> , 2019, 266, 1153-1159.	1.8	28
265	A Comprehensive Meta-Analysis for Bypass Surgery in Adult Moyamoya. <i>World Neurosurgery</i> , 2019, 124, 161-170.	0.7	6
266	Clinical Features, Surgical Treatment, and Long-Term Outcome of a Multicenter Cohort of Pediatric Moyamoya. <i>Frontiers in Neurology</i> , 2019, 10, 14.	1.1	21
267	Efficacy of Direct Revascularization Surgery for Hemorrhagic Moyamoya Syndrome As a Late Complication of Cranial Irradiation for Childhood Craniopharyngioma. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, e46-e50.	0.7	6
268	Cilostazol may improve cognition better than clopidogrel in non-surgical adult patients with ischemic moyamoya disease: subanalysis of a prospective cohort. <i>Neurological Research</i> , 2019, 41, 480-487.	0.6	15
269	Characteristics of Moyamoya Syndrome in Sickle-Cell Disease by Magnetic Resonance Angiography: An Adult-Cohort Study. <i>Frontiers in Neurology</i> , 2019, 10, 15.	1.1	14
270	Aplastic or Twig-Like Middle Cerebral Artery Presenting with Intracerebral Hemorrhage During Pregnancy: Report of Two Cases. <i>World Neurosurgery: X</i> , 2019, 2, 100018.	0.6	14
271	Modified encephalo-duro-periosteal-synangiosis (EDPS) for the revascularization of anterior cerebral artery territory in moyamoya disease: A single-center experience. <i>Clinical Neurology and Neurosurgery</i> , 2019, 178, 86-92.	0.6	7
272	Bayesian Estimation of CBF Measured by DSC-MRI in Patients with Moyamoya Disease: Comparison with ¹⁵ O-Gas PET and Singular Value Decomposition. <i>American Journal of Neuroradiology</i> , 2019, 40, 1894-1900.	1.2	6
273	Idiopathic Non-atherosclerotic Carotid Artery Disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2019, 21, 64.	0.4	1
274	Moyamoya disease: A retrospective study of 198 cases. <i>Medicina Clínica (English Edition)</i> , 2019, 153, 441-445.	0.1	0
275	Cognitive Performance Profile in Pediatric Moyamoya Disease Patients and Its Relationship With Regional Cerebral Blood Perfusion. <i>Frontiers in Neurology</i> , 2019, 10, 1308.	1.1	9

#	ARTICLE	IF	CITATIONS
276	Moyamoya angiopathy: long-term follow-up study in a Finnish population. <i>Journal of Neurology</i> , 2019, 266, 574-581.	1.8	15
277	Cerebral Perfusion Territory Changes After Direct Revascularization Surgery in Moyamoya Disease: A Territory Arterial Spin Labeling Study. <i>World Neurosurgery</i> , 2019, 122, e1128-e1136.	0.7	8
278	GEN-O-MA project: an Italian network studying clinical course and pathogenic pathways of moyamoya disease—study protocol and preliminary results. <i>Neurological Sciences</i> , 2019, 40, 561-570.	0.9	15
279	Pathogenesis of aneurysms on major vessels in moyamoya disease and management outcome. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 219-224.	0.8	22
280	Moyamoya Disease in Pregnancy: A 20-Year Single-Center Experience and Literature Review. <i>World Neurosurgery</i> , 2019, 122, 684-691.e2.	0.7	26
281	Childhood Moyamoya: Looking Back to the Future. <i>Pediatric Neurology</i> , 2019, 91, 11-19.	1.0	20
282	Efficacy of superficial temporal artery-middle cerebral artery double bypass in patients with hemorrhagic moyamoya disease: surgical effects for operated hemispheric sides. <i>Neurosurgical Review</i> , 2019, 42, 559-568.	1.2	10
283	Epidemiology of Moyamoya Disease in China: Single-Center, Population-Based Study. <i>World Neurosurgery</i> , 2019, 122, e917-e923.	0.7	21
284	Progressive Shrinkage of Involved Arteries in Parallel with Disease Progression in Moyamoya Disease. <i>World Neurosurgery</i> , 2019, 122, e253-e261.	0.7	14
285	Time Course of Neoangiogenesis After Indirect Bypass Surgery for Moyamoya Disease. <i>Clinical Neuroradiology</i> , 2020, 30, 91-99.	1.0	14
286	Predictive factors for acute thrombogenesis occurring immediately after bypass procedure for moyamoya disease. <i>Neurosurgical Review</i> , 2020, 43, 609-617.	1.2	19
287	Clinical characteristics and leptomeningeal collateral status in pediatric and adult patients with ischemic moyamoya disease. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 14-20.	1.9	16
288	High variance of intraoperative blood pressure predicts early cerebral infarction after revascularization surgery in patients with Moyamoya disease. <i>Neurosurgical Review</i> , 2020, 43, 759-769.	1.2	15
289	Progress in moyamoya disease. <i>Neurosurgical Review</i> , 2020, 43, 371-382.	1.2	88
290	Revascularization Surgery in Childhood Associated with a Low Incidence of Microbleeds in Adult Patients with Moyamoya. <i>World Neurosurgery</i> , 2020, 133, e716-e721.	0.7	6
291	Precentral and cerebellar atrophic changes in moyamoya disease using 7-T magnetic resonance imaging. <i>Acta Radiologica</i> , 2020, 61, 487-495.	0.5	4
292	A rare case of pediatric moyamoya disease with reversible white matter lesions in a 3-year-old Chinese girl. <i>Child's Nervous System</i> , 2020, 36, 197-201.	0.6	4
293	Basal and Acetazolamide Brain Perfusion SPECT in Internal Carotid Artery Stenosis. <i>Nuclear Medicine and Molecular Imaging</i> , 2020, 54, 9-27.	0.6	9

#	ARTICLE	IF	CITATIONS
294	Moyamoya disease associated with fibromuscular dysplasia of intrapulmonary bronchial arteries—a case report. <i>Cardiovascular Pathology</i> , 2020, 45, 107182.	0.7	4
295	Transient Neurological Events After Surgery for Pediatric Moyamoya Disease: A Retrospective Study of Postoperative Sedation Practices. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 182-185.	0.6	8
296	Systemic sclerosis associated with moyamoya syndrome: A case report and literature review. <i>Immunobiology</i> , 2020, 225, 151882.	0.8	4
297	Remote ischemic conditioning for the treatment of ischemic moyamoya disease. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 549-557.	1.9	13
298	Deep Learning-Based Approach for the Diagnosis of Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105322.	0.7	19
299	Arterial transit artifacts observed by arterial spin labeling in Moyamoya disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105058.	0.7	15
300	Clinical characteristics of the pregnancies and deliveries of patients with moyamoya disease: A single-center analysis over three decades. <i>International Journal of Stroke</i> , 2021, 16, 526-533.	2.9	7
301	Clinical Prediction of Surgical Revascularization Outcome in Moyamoya Disease Via Transcranial Color Sonography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105154.	0.7	6
302	Association between bilateral postoperative neoangiogenesis in patients with moyamoya disease. <i>Clinical Neurology and Neurosurgery</i> , 2020, 197, 106195.	0.6	1
303	Vascular Smooth Muscle Cell Derived from IPS Cell of Moyamoya Disease - Comparative Characterization with Endothelial Cell Transcriptome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105305.	0.7	14
304	Moyamoya disease in a European setting: a Danish population-based study. <i>European Journal of Neurology</i> , 2020, 27, 2446-2452.	1.7	21
305	Luminal and Wall Changes in Intracranial Arterial Lesions for Predicting Stroke Occurrence. <i>Stroke</i> , 2020, 51, 2495-2504.	1.0	22
306	Revascularisation surgery for paediatric moyamoya disease: The Singapore experience. <i>Journal of Clinical Neuroscience</i> , 2020, 82, 207-213.	0.8	5
307	Intraoperative local hemodynamic quantitative analysis of direct revascularization in patients with moyamoya disease. <i>Neurosurgical Review</i> , 2021, 44, 2659-2666.	1.2	4
308	Clinical features of and risk factors for intracranial aneurysms associated with moyamoya disease. <i>International Journal of Stroke</i> , 2021, 16, 542-550.	2.9	12
309	Postpartum-Onset Moyamoya Disease: A Rare Cause of Stroke in Unexpected. <i>Case Reports in Neurological Medicine</i> , 2020, 2020, 1-5.	0.3	1
310	Measurement of Intraoperative Graft Flow Predicts Radiological Hyperperfusion during Bypass Surgery in Patients with Moyamoya Disease. <i>Cerebrovascular Diseases Extra</i> , 2020, 10, 66-75.	0.5	1
311	Partially reversible confluent white matter lesions in a Caucasian child with moyamoya disease. <i>Child's Nervous System</i> , 2020, 36, 2605-2608.	0.6	1

#	ARTICLE	IF	CITATIONS
312	Hemorrhagic patterns and their risk factors in patients with moyamoya disease. <i>European Journal of Neurology</i> , 2020, 27, 2499-2507.	1.7	9
313	RNF213 gene polymorphism rs9916351 and rs8074015 significantly associated with moyamoya disease in Chinese population. <i>Annals of Translational Medicine</i> , 2020, 8, 851-851.	0.7	10
314	Moyamoya disease in children and its anesthetic implications: A review. <i>Paediatric Anaesthesia</i> , 2020, 30, 1191-1198.	0.6	11
315	What and why: the current situation and future prospects of "eivysign" in moyamoya disease. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232096000.	1.1	5
316	Trends in hospitalizations and epidemiological characteristics of adults Moyamoya disorder in the United States. <i>Journal of the Neurological Sciences</i> , 2020, 419, 117165.	0.3	6
317	Characteristics of cognitive impairment in adult asymptomatic moyamoya disease. <i>BMC Neurology</i> , 2020, 20, 322.	0.8	23
318	Association Between the Onset Pattern of Adult Moyamoya Disease and Risk Factors for Stroke. <i>Stroke</i> , 2020, 51, 3124-3128.	1.0	39
319	Prospective Screening of Extracranial Systemic Arteriopathy in Young Adults with Moyamoya Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e016670.	1.6	15
320	Myelin and Axonal Damage in Normal-Appearing White Matter in Patients with Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2020, 41, 1618-1624.	1.2	7
321	Surgical therapy for moyamoya disease. <i>The Cochrane Library</i> , 0, , .	1.5	0
322	Controversies and Advances in Adult Intracranial Bypass Surgery in 2020. <i>Operative Neurosurgery</i> , 2021, 20, 1-7.	0.4	22
323	Vascular Remodeling in Moyamoya Angiopathy: From Peripheral Blood Mononuclear Cells to Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5763.	1.8	15
324	Association between white matter impairment and cognitive dysfunction in patients with ischemic Moyamoya disease. <i>BMC Neurology</i> , 2020, 20, 302.	0.8	17
325	Different subtypes of collateral vessels in hemorrhagic moyamoya disease with p.R4810K variant. <i>BMC Neurology</i> , 2020, 20, 308.	0.8	5
326	Moyamoya disease in Mexico: our experience. <i>Neurología (English Edition)</i> , 2021, 36, 603-610.	0.2	1
327	Cortical Distribution of Fragile Periventricular Anastomatic Collateral Vessels in Moyamoya Disease: An Exploratory Cross-Sectional Study of Japanese Patients with Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2020, 41, 2243-2249.	1.2	12
328	Clinical features, surgical treatment, and outcome of intracranial aneurysms associated with moyamoya disease. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 274-279.	0.8	6
329	Difference in periventricular anastomosis in child and adult moyamoya disease: a vascular morphology study. <i>Acta Neurochirurgica</i> , 2020, 162, 1333-1339.	0.9	10

#	ARTICLE	IF	CITATIONS
330	Digital subtraction angiographic characteristics of progression of moyamoya disease 6 months prior to surgical revascularisation. <i>Stroke and Vascular Neurology</i> , 2020, 5, 97-102.	1.5	5
331	Improvement in cognitive decline after indirect bypass surgery in adult moyamoya disease: implication of 15O-gas positron emission tomography. <i>Annals of Nuclear Medicine</i> , 2020, 34, 467-475.	1.2	16
332	Membrane Retraction Technique in Bypass Surgery for the Treatment of Adult Moyamoya Disease with Deep-Seated Recipient Artery. <i>World Neurosurgery</i> , 2020, 139, 294-297.	0.7	2
333	High prevalence of pro-thrombotic conditions in adult patients with moyamoya disease and moyamoya syndrome: a single center study. <i>Acta Neurochirurgica</i> , 2020, 162, 1853-1859.	0.9	15
334	Clinical and Radiological Outcomes After Revascularization of Hemorrhagic Moyamoya Disease. <i>Frontiers in Neurology</i> , 2020, 11, 382.	1.1	7
335	Large Craniotomy Increases the Risk of Minor Perioperative Complications in Revascularization Surgery for Moyamoya Disease. <i>World Neurosurgery</i> , 2020, 141, e498-e507.	0.7	9
336	A critical appraisal of bypass surgery in moyamoya disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2020, 13, 175628642092109.	1.5	12
337	Clinical and Radiological Features of Childhood Onset Adult Moyamoya Disease: Implication for Hemorrhagic Stroke. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 360-367.	1.0	12
338	High-resolution combined arterial spin labeling MR for identifying cerebral arterial stenosis induced by moyamoya disease or atherosclerosis. <i>Annals of Translational Medicine</i> , 2020, 8, 87-87.	0.7	20
339	Distribution of Intracranial Major Artery Stenosis/Occlusion According to RNF213 Polymorphisms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1956.	1.8	5
340	Electroencephalographic features in pediatric patients with moyamoya disease in China. <i>Chinese Neurosurgical Journal</i> , 2020, 6, 3.	0.3	5
341	Cerebral Hemodynamic Changes After Revascularization in Patients With Hemorrhagic Moyamoya Disease. <i>Frontiers in Neurology</i> , 2020, 11, 72.	1.1	7
342	Hemorrhagic Transformation in Ischemic Moyamoya Disease: Clinical Characteristics, Radiological Features, and Outcomes. <i>Frontiers in Neurology</i> , 2020, 11, 517.	1.1	9
343	Modifiable Risk Factors Associated With Moyamoya Disease. <i>Stroke</i> , 2020, 51, 2472-2479.	1.0	36
344	Angiographic characteristics in Moyamoya disease with the p.R4810K variant: a propensity score-matched analysis. <i>European Journal of Neurology</i> , 2020, 27, 856-863.	1.7	4
345	Predictive role of heterozygous p.R4810K of <i>RNF213</i> in the phenotype of Chinese moyamoya disease. <i>Neurology</i> , 2020, 94, e678-e686.	1.5	55
346	The hemodynamic complexities underlying transient ischemic attacks in early-stage Moyamoya disease: an exploratory CFD study. <i>Scientific Reports</i> , 2020, 10, 3700.	1.6	16
347	Effectiveness of Combined Direct and Indirect Revascularization for Moyamoya Disease with Concurrent Congenital Rubella Syndrome. <i>World Neurosurgery</i> , 2020, 138, 1-6.	0.7	1

#	ARTICLE	IF	CITATIONS
348	Quantitative Angiographic Hemodynamic Evaluation After Revascularization Surgery for Moyamoya Disease. <i>Translational Stroke Research</i> , 2020, 11, 871-881.	2.3	23
349	Decreased frontal white-matter diffusion and improved cognitive flexibility after burr-hole surgery in moyamoya angiopathy. <i>BMC Neurology</i> , 2020, 20, 30.	0.8	8
350	Postoperative collateral formation after indirect bypass for hemorrhagic moyamoya disease. <i>BMC Neurology</i> , 2020, 20, 28.	0.8	19
351	De Novo Renal Artery Stenosis Developed in Initially Normal Renal Arteries during the Long-Term Follow-Up of Patients with Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104786.	0.7	12
352	Intracranial Aneurysms in White Patients with Moyamoya Disease: A U.S. Single-Center Case Series and Review. <i>World Neurosurgery</i> , 2020, 138, e749-e758.	0.7	9
353	Moyamoya angiopathy: radiological follow-up findings in Finnish patients. <i>Journal of Neurology</i> , 2020, 267, 2301-2306.	1.8	6
354	Heritable and non-heritable uncommon causes of stroke. <i>Journal of Neurology</i> , 2021, 268, 2780-2807.	1.8	27
355	Surgical Designs of Revascularization for Moyamoya Disease: 15 Years of Experience in a Single Center. <i>World Neurosurgery</i> , 2020, 139, e325-e334.	0.7	15
356	MR Diffusional Kurtosis Imaging-Based Assessment of Brain Microstructural Changes in Patients with Moyamoya Disease before and after Revascularization. <i>American Journal of Neuroradiology</i> , 2020, 41, 246-254.	1.2	9
357	Location-based treatment of intracranial aneurysms in moyamoya disease: a systematic review and descriptive analysis. <i>Neurosurgical Review</i> , 2021, 44, 1127-1139.	1.2	12
358	Moyamoya disease and moyamoya syndrome in Ireland: patient demographics, mode of presentation and outcomes of EC-IC bypass surgery. <i>Irish Journal of Medical Science</i> , 2021, 190, 335-344.	0.8	5
359	Treatment strategies of ruptured intracranial aneurysms associated with moyamoya disease. <i>British Journal of Neurosurgery</i> , 2021, 35, 209-215.	0.4	8
360	Endothelial Progenitor Cells Induce Angiogenesis: a Potential Mechanism Underlying Neovascularization in Encephaloduroarteriosynangiosis. <i>Translational Stroke Research</i> , 2021, 12, 357-365.	2.3	13
361	Cardiac manifestations in a western moyamoya disease population: a single-center descriptive study and review. <i>Neurosurgical Review</i> , 2021, 44, 1429-1436.	1.2	4
362	Multimodal evaluation of the cerebrovascular reserve in Neurofibromatosis type 1 patients with Moyamoya syndrome. <i>Neurological Sciences</i> , 2021, 42, 655-663.	0.9	6
363	Impact of blood pressure changes in cerebral blood perfusion of patients with ischemic Moyamoya disease evaluated by SPECT. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1472-1480.	2.4	14
364	Individualized Perioperative Blood Pressure Management for Adult Moyamoya Disease: Experience from 186 Consecutive Procedures. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105413.	0.7	16
365	Intraoperative transit-time ultrasonography combined with FLOW800 predicts the occurrence of cerebral hyperperfusion syndrome after direct revascularization of Moyamoya disease: a preliminary study. <i>Acta Neurochirurgica</i> , 2021, 163, 563-571.	0.9	7

#	ARTICLE	IF	CITATIONS
366	Clinical and Hemodynamic Features in Moyamoya Disease with Intracranial Aneurysms. <i>World Neurosurgery</i> , 2021, 146, e509-e516.	0.7	4
367	Haemodynamic analysis of adult patients with moyamoya disease: CT perfusion and DSA gradings. <i>Stroke and Vascular Neurology</i> , 2021, 6, 41-47.	1.5	16
368	Specific clinical features and one-stage revascularization surgery for moyamoya disease with severe cerebral ischemia in the territory of posterior cerebral artery. <i>Acta Neurochirurgica</i> , 2021, 163, 583-592.	0.9	3
370	Moyamoya Syndrome. , 2021, , 17-32.		0
371	Recognition of moyamoya disease and its hemorrhagic risk using deep learning algorithms: sourced from retrospective studies. <i>Neural Regeneration Research</i> , 2021, 16, 830.	1.6	11
372	Quiet Diffusion-weighted MR Imaging of the Brain for Pediatric Patients with Moyamoya Disease. <i>Magnetic Resonance in Medical Sciences</i> , 2021, , .	1.1	0
373	Hyperhomocysteinemia is a risk factor for postoperative ischemia in adult patients with moyamoya disease. <i>Neurosurgical Review</i> , 2021, 44, 2913-2921.	1.2	8
374	Effects of aspirin and heparin treatment on perioperative outcomes in patients with Moyamoya disease. <i>Acta Neurochirurgica</i> , 2021, 163, 1485-1491.	0.9	18
375	Medical Management in Moyamoya Disease. , 0, , .		2
376	RNF213 Variant as a Biomarker of Cerebrovascular Disease. , 2021, , 73-83.		0
377	Long-Term Outcome in Europe. , 2021, , 241-251.		0
378	Efficacy and Safety of Antiplatelet Agents for Adult Patients With Ischemic Moyamoya Disease. <i>Frontiers in Neurology</i> , 2020, 11, 608000.	1.1	15
379	Unilateral Moyamoya Disease: A Distinct Entity?. , 2021, , 33-44.		0
380	Characteristic Pattern of the Cerebral Hemodynamic Changes in the Acute Stage After Combined Revascularization Surgery for Adult Moyamoya Disease: N-isopropyl-p-[123I] iodoamphetamine Single-Photon Emission Computed Tomography Study. <i>Acta Neurochirurgica Supplementum</i> , 2021, 132, 57-61.	0.5	2
381	Changes in Surgical Treatment for Pediatric Moyamoya Disease. <i>Surgery for Cerebral Stroke</i> , 2021, 49, 206-214.	0.0	1
383	Role of the <i>RNF213</i> Variant in Vascular Outcomes in Patients With Intracranial Atherosclerosis. <i>Journal of the American Heart Association</i> , 2021, 10, e017660.	1.6	15
384	Clinical Aspects of Moyamoya Disease. , 0, , .		0
385	Postoperative incidence of seizure and cerebral infarction in pediatric patients with epileptic type moyamoya disease: a meta-analysis of single rate. <i>Chinese Neurosurgical Journal</i> , 2021, 7, 11.	0.3	1

#	ARTICLE	IF	CITATIONS
386	Association Between Ultrasound Parameters and History of Ischemic or Hemorrhagic Stroke in Patients With Moyamoya Disease. <i>Frontiers in Neurology</i> , 2021, 12, 570843.	1.1	2
387	Ipsilateral late stroke after revascularization surgery for patients with Moyamoya disease. <i>Acta Neurochirurgica</i> , 2021, 163, 1493-1502.	0.9	3
388	Computed tomographic angiography may be used for assessing the dilatation of the anterior choroidal and posterior communicating arteries in patients with moyamoya syndrome. <i>European Radiology</i> , 2021, 31, 5544-5551.	2.3	2
389	Recurrent hemorrhage risk associated with medial target medullary artery anastomosis from the periventricular collateral vessel in adult patients with moyamoya disease. <i>BMC Neurology</i> , 2021, 21, 102.	0.8	1
390	Acute Confusional State Revealing Moyamoya Disease in the Emergency Department: A Rare Entity. <i>European Journal of Case Reports in Internal Medicine</i> , 2019, 8, 002431.	0.2	0
391	Association of Antiplatelet Therapy, Including Cilostazol, With Improved Survival in Patients With Moyamoya Disease in a Nationwide Study. <i>Journal of the American Heart Association</i> , 2021, 10, e017701.	1.6	28
392	Mapping Trends in Moyamoya Angiopathy Research: A 10-Year Bibliometric and Visualization-Based Analyses of the Web of Science Core Collection (WoSCC). <i>Frontiers in Neurology</i> , 2021, 12, 637310.	1.1	24
393	Perioperative Considerations for Revascularization and Non-Revascularization Surgeries in Moyamoya Disease. , 0, , .		0
394	Moyamoya Disease Worldwide-Global Burden East and West. , 0, , .		1
395	Current trends in pediatric moyamoya: a survey of international practitioners. <i>Child's Nervous System</i> , 2021, 37, 2011-2023.	0.6	4
396	Moyamoya Syndrome Presenting as Refractory Status Epilepticus in a 32-Year-Old Female. <i>Cureus</i> , 2021, 13, e13624.	0.2	1
397	Ivy Sign in Moyamoya Disease: A Comparative Study of the FLAIR Vascular Hyperintensity Sign Against Contrast-Enhanced MRI. <i>American Journal of Neuroradiology</i> , 2021, 42, 694-700.	1.2	9
398	Patients with Moyamoya Vasculopathy Evaluated at a Single-Center in The Netherlands; Clinical Presentation and Outcome. <i>Journal of Clinical Medicine</i> , 2021, 10, 1898.	1.0	4
399	Carotid ultrasonography predicts collateral development following combined direct and indirect revascularization surgery in adult ischemic Moyamoya disease. <i>Clinical Neurology and Neurosurgery</i> , 2021, 203, 106590.	0.6	1
400	Ameliorative Effects of Combined Revascularization Surgery on Abnormal Collateral Channels in Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105624.	0.7	4
401	Delayed Anastomotic Occlusion after Direct Revascularization in Adult Hemorrhagic Moyamoya Disease. <i>Brain Sciences</i> , 2021, 11, 536.	1.1	1
402	Implementation and Rationale for a Unified Clinical and Imaging Protocol for Evaluation and Treatment of Moyamoya Angiopathy: A Single Institutional Experience. <i>Frontiers in Neurology</i> , 2021, 12, 662393.	1.1	3
403	A new syndrome of moyamoya disease, kidney dysplasia, aminotransferase elevation, and skin disease associated with <i>de novo</i> variants in <i>RNF213</i> . <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 2168-2174.	0.7	8

#	ARTICLE	IF	CITATIONS
404	Effects and safety of aspirin use in patients after cerebrovascular bypass procedures. <i>Stroke and Vascular Neurology</i> , 2021, 6, 624-630.	1.5	9
405	Impairments in brain perfusion, executive control network, topological characteristics, and neurocognition in adult patients with asymptomatic Moyamoya disease. <i>BMC Neuroscience</i> , 2021, 22, 35.	0.8	3
406	Direct vs Indirect Revascularization in a North American Cohort of Moyamoya Disease. <i>Neurosurgery</i> , 2021, 89, 315-322.	0.6	20
407	Orofacial characteristics and dental management in a child with moyamoya disease. <i>BMJ Case Reports</i> , 2021, 14, e241211.	0.2	0
408	Diagnostic Accuracy of Screening Arterial Spin-Labeling MRI Using Hadamard Encoding for the Detection of Reduced CBF in Adult Patients with Ischemic Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2021, 42, 1403-1409.	1.2	11
409	Association of intracranial vessel wall enhancement and cerebral hemorrhage in moyamoya disease: a high-resolution magnetic resonance imaging study. <i>Journal of Neurology</i> , 2021, 268, 4768-4777.	1.8	8
410	Encephaloduroarteriosynangiosis (EDAS) treatment of moyamoya syndrome: evaluation by computed tomography perfusion imaging. <i>European Radiology</i> , 2021, 31, 8364-8373.	2.3	11
411	Development and Validation of a Nomogram to Predict the Individual Future Stroke Risk for Adult Patients With Moyamoya Disease: A Multicenter Retrospective Cohort Study in China. <i>Frontiers in Neurology</i> , 2021, 12, 669025.	1.1	0
412	Characteristics of Moyamoya Disease in the Older Population: Is It Possible to Define a Typical Presentation and Optimal Therapeutical Management?. <i>Journal of Clinical Medicine</i> , 2021, 10, 2287.	1.0	6
413	An analysis of the demographic history of the risk allele R4810K in <i>RNF213</i> of moyamoya disease. <i>Annals of Human Genetics</i> , 2021, 85, 166-177.	0.3	3
414	Development and validation of a risk scoring model for postoperative adult moyamoya disease. <i>Journal of Neurosurgery</i> , 2021, 134, 1505-1514.	0.9	6
415	Pathophysiological Significance of Neutrophilic Transfer RNA-Derived Small RNAs in Asymptomatic Moyamoya Disease. <i>Cells</i> , 2021, 10, 1086.	1.8	3
416	Clinical Significance of Ultrasound-Based Hemodynamic Assessment of Extracranial Internal Carotid Artery and Posterior Cerebral Artery in Symptomatic and Angiographic Evolution of Moyamoya Disease: A Preliminary Study. <i>Frontiers in Neurology</i> , 2021, 12, 614749.	1.1	4
417	Association of HLA-DQA2 and HLA-B With Moyamoya Disease in the Chinese Han Population. <i>Neurology: Genetics</i> , 2021, 7, e592.	0.9	4
418	Flow-augmentation bypass for moyamoya disease. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 277-286.	0.3	10
419	Surgical Management of Failed Revascularization in Moyamoya Vasculopathy. <i>Frontiers in Neurology</i> , 2021, 12, 652967.	1.1	2
420	Moyamoya Disease in an adult female from Nepal: A case report. <i>Annals of Medicine and Surgery</i> , 2021, 66, 102424.	0.5	1
421	Characteristics of cerebral ischemic stroke based on moyamoya disease and atherosclerosis-associated intracranial arterial stenosis. <i>Neurological Sciences</i> , 2021, , 1.	0.9	2

#	ARTICLE	IF	CITATIONS
422	Risk factors for postoperative ischemic complications in pediatric moyamoya disease. <i>BMC Neurology</i> , 2021, 21, 229.	0.8	9
423	Distinct Clinical and Radiographic Phenotypes in Pediatric Patients With Moyamoya. <i>Pediatric Neurology</i> , 2021, 120, 18-26.	1.0	18
424	Clinical and Genetic Risk Factors of Long-Term Outcomes after Encephaloduroarteriosynangiosis in Moyamoya Disease in China. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105847.	0.7	3
425	The angiographic presentation of European Moyamoya angiopathy. <i>Journal of Neurology</i> , 2022, 269, 997-1006.	1.8	14
426	RNF213 p.R4810K (c.14429G > A) Variant Determines Anatomical Variations of the Circle of Willis in Cerebrovascular Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 681743.	1.7	3
427	RNF213 gene silencing upregulates transforming growth factor- β 1 expression in bone marrow-derived mesenchymal stem cells and is involved in the onset of Moyamoya disease. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1024.	0.8	5
428	2021 Guideline for the Prevention of Stroke in Patients With Stroke and Transient Ischemic Attack: A Guideline From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2021, 52, e364-e467.	1.0	1,123
429	MMP-9 as a Biomarker for Predicting Hemorrhagic Strokes in Moyamoya Disease. <i>Frontiers in Neurology</i> , 2021, 12, 721118.	1.1	8
430	Surgical Treatment Moyamoya Disease. , 0, , .		0
431	Long-term mortality in patients with moyamoya angiopathy according to stroke presentation type in South Korea. <i>Acta Neurochirurgica</i> , 2021, 163, 3473-3481.	0.9	6
432	Clinical Management of Moyamoya Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3628.	1.0	17
433	Imaging Pattern and the Mechanisms of Postoperative Infarction After Indirect Revascularization in Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2021, 155, e510-e521.	0.7	7
434	Prolonged/delayed cerebral hyperperfusion in adult patients with moyamoya disease with RNF213 gene polymorphism c.14576G>A (rs112735431) after superficial temporal artery-middle cerebral artery anastomosis. <i>Journal of Neurosurgery</i> , 2020, , 1-8.	0.9	11
435	<i>DIAPH1</i> Variants in Non-East Asian Patients With Sporadic Moyamoya Disease. <i>JAMA Neurology</i> , 2021, 78, 993.	4.5	33
436	Five-Year Outcomes of Medical Management Alone for Adult Patients with Ischemic Moyamoya Disease without Cerebral Misery Perfusion. <i>Cerebrovascular Diseases</i> , 2022, 51, 158-164.	0.8	13
437	Increased Autoimmunity in Individuals With Down Syndrome and Moyamoya Disease. <i>Frontiers in Neurology</i> , 2021, 12, 724969.	1.1	11
438	The role of atorvastatin in collateral circulation formation induced by encephaloduroarteriosynangiosis: a prospective trial. <i>Neurosurgical Focus</i> , 2021, 51, E9.	1.0	9
439	Experimental animal models for moyamoya disease and treatment: a pathogenesis-oriented scoping review. <i>Neurosurgical Focus</i> , 2021, 51, E5.	1.0	5

#	ARTICLE	IF	CITATIONS
440	RNF213 c.14576G>A Is Associated with Intracranial Internal Carotid Artery Saccular Aneurysms. <i>Genes</i> , 2021, 12, 1468.	1.0	1
441	Pathophysiology of Vascular Stenosis and Remodeling in Moyamoya Disease. <i>Frontiers in Neurology</i> , 2021, 12, 661578.	1.1	17
442	Motor excitability in bilateral moyamoya vasculopathy and the impact of revascularization. <i>Neurosurgical Focus</i> , 2021, 51, E7.	1.0	4
443	Follow-up outcomes of different bypass surgical modalities for adults with ischaemic-type moyamoya disease. <i>British Journal of Neurosurgery</i> , 2023, 37, 148-157.	0.4	3
444	Benefits and risks of antiplatelet medication in hemodynamically stable adult moyamoya disease. <i>Scientific Reports</i> , 2021, 11, 19367.	1.6	10
445	The Genetic Basis of Moyamoya Disease. <i>Translational Stroke Research</i> , 2022, 13, 25-45.	2.3	52
446	Angiographic and Hemodynamic Features in Asymptomatic Hemispheres of Patients With Moyamoya Disease. <i>Stroke</i> , 2022, 53, 210-217.	1.0	3
447	Digital subtraction angiography in cerebrovascular disease: current practice and perspectives on diagnosis, acute treatment and prognosis. <i>Acta Neurologica Belgica</i> , 2022, 122, 763-780.	0.5	18
448	Transcriptome-wide analysis of intracranial artery in patients with moyamoya disease showing upregulation of immune response, and downregulation of oxidative phosphorylation and DNA repair. <i>Neurosurgical Focus</i> , 2021, 51, E3.	1.0	15
449	Moyamoya Disease and Syndrome: A National Inpatient Study of Ischemic Stroke Predictors. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105965.	0.7	9
450	Machine learning models of ischemia/hemorrhage in moyamoya disease and analysis of its risk factors. <i>Clinical Neurology and Neurosurgery</i> , 2021, 209, 106919.	0.6	2
451	Proteomic Profiling of Exosomes From Hemorrhagic Moyamoya Disease and Dysfunction of Mitochondria in Endothelial Cells. <i>Stroke</i> , 2021, 52, 3351-3361.	1.0	24
452	Validation and Extension Study Exploring the Role of RNF213 p.R4810K in 2,877 Chinese Moyamoya Disease Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106071.	0.7	6
453	Arteriovenous Malformations and Other Vascular Anomalies. , 2022, , 452-465.e3.		0
455	History of Disease Entity and Diagnosis Criteria. , 2021, , 3-15.		0
456	Postoperative stroke and neurological outcomes in the early phase after revascularization surgeries for moyamoya disease: an age-stratified comparative analysis. <i>Neurosurgical Review</i> , 2021, 44, 2785-2795.	1.2	22
457	Validation of choroidal anastomosis on high-resolution magnetic resonance imaging as an imaging biomarker in hemorrhagic moyamoya disease. <i>European Radiology</i> , 2021, 31, 4548-4556.	2.3	14
458	A case of hemichorea in RNF213-related vasculopathy. <i>BMC Neurology</i> , 2021, 21, 32.	0.8	2

#	ARTICLE	IF	CITATIONS
459	Unusual presentation of moyamoya disease with popliteal involvement: case report and review of the literature. <i>Jornal Vascular Brasileiro</i> , 2021, 20, e20200216.	0.1	0
460	Postoperative Functional Outcomes and Prognostic Factors in Two Types of Adult Moyamoya Diseases. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104846.	0.7	9
461	Diagnosis and Management of Moyamoya Disease. <i>Case Reports in Neurology</i> , 2020, 12, 137-142.	0.3	5
462	Magnetic resonance angiography with compressed sensing: An evaluation of moyamoya disease. <i>PLoS ONE</i> , 2018, 13, e0189493.	1.1	36
463	Diagnosis and pathophysiological analysis of moyamoya disease using MRI. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2016, 27, 307-312.	0.1	1
465	The roles of endoglin gene in cerebrovascular diseases. <i>Neuroimmunology and Neuroinflammation</i> , 2017, 4, 199.	1.4	10
466	Etiology of intracranial stenosis in young patients: a high-resolution magnetic resonance imaging study. <i>Annals of Translational Medicine</i> , 2017, 5, 319-319.	0.7	14
467	Metabolic Adjustments by LncRNAs in Peripheral Neutrophils Partly Account for the Complete Compensation of Asymptomatic MMD Patients. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 306-317.	0.8	4
468	Association of Hyperthyroidism and Thyroid Autoantibodies with Moyamoya Disease and Its Stroke Event: A Population-based Case-control Study and Meta-analysis. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 116-123.	1.0	11
469	Brain Perfusion Imaging Under Acetazolamide Challenge for Detection of Impaired Cerebrovascular Reserve Capacity: Positive Findings with ^{15}O -Water PET in Patients with Negative $^{99\text{m}}\text{Tc}$ -HMPAO SPECT Findings. <i>Journal of Nuclear Medicine</i> , 2018, 59, 294-298.	2.8	21
470	Wound healing complications after revascularization for moyamoya vasculopathy with reference to different skin incisions. <i>Neurosurgical Focus</i> , 2019, 46, E12.	1.0	19
471	Combined structural and diffusion tensor imaging detection of ischemic injury in moyamoya disease: relation to disease advancement and cerebral hypoperfusion. <i>Journal of Neurosurgery</i> , 2020, 134, 1-10.	0.9	11
472	Hemorrhagic Moyamoya Disease : A Recent Update. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 136-143.	0.5	14
473	Clinical Features and Outcomes of Intracranial Aneurysm Associated with Moyamoya Disease. <i>Journal</i>		

#	ARTICLE	IF	CITATIONS
478	Angiographic disease progression in medically treated adult patients with ischemic moyamoya disease without cerebral misery perfusion: supplementary analysis of a 5-year prospective cohort. <i>Neurosurgical Review</i> , 2022, 45, 1553-1561.	1.2	8
479	The First 24h Hemodynamic Management in NICU after Revascularization Surgery in Moyamoya Disease. <i>Behavioural Neurology</i> , 2021, 2021, 1-7.	1.1	3
480	Preoperative clinical symptomatology and stroke burden in pediatric moyamoya angiopathy: Defining associated risk variables. <i>European Journal of Paediatric Neurology</i> , 2021, 35, 130-136.	0.7	8
481	Endovascular embolization of ruptured subependymal artery aneurysm associated with moyamoya disease: a case report. <i>Journal of Neuroendovascular Therapy</i> , 2014, 8, 266-272.	0.1	0
482	Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis). , 2014, , 1-50.		0
483	Vascular Diseases Attributable to RNF213 Other Than Moyamoya Disease. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2017, , 169-176.	0.1	0
484	Pathological Investigation on RNF213: Animal Models of Rnf213-Knockout and Knock-in Mice. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2017, , 79-89.	0.1	0
485	Concept of Moyamoya Disease. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2017, , 13-22.	0.1	0
486	Natural History and Long-Term Clinical Outcome After Conservative and Surgical Management. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2017, , 121-135.	0.1	0
487	The Different Forms of Moyamoya Disease and Their Clinical Management. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2017, , 161-168.	0.1	0
488	CLINICAL EFFICACY OF DEXMEDETOMIDINE IN PATIENTS OF MOYAMOYA DISEASE UNDERGOING EDAS PROCEDURE- A RETROSPECTIVE ANALYSIS FROM INDIAN TERTIARY INSTITUTE. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2018, 7, 3835-3839.	0.1	0
489	Moyamoya Disease : Modern Diagnostic Criteria and Current Status of Revascularization Surgery. <i>Japanese Journal of Neurosurgery</i> , 2019, 28, 789-795.	0.0	0
490	Moyamoya disease: A retrospective study of 198 cases. <i>Medicina Clínica</i> , 2019, 153, 441-445.	0.3	1
493	Intracerebral steal phenomenon induced focal reversible vasogenic edema and decrease in cerebral blood flow after carotid endarterectomy. , 2020, 11, 161.		0
494	MOYAMOYA DISEASE PRESENTING AS ACUTE ENCEPHALITIS SYNDROME. , 2020, , 80-82.		0
495	Challenging direct bypass surgery for very young children with moyamoya disease: technical notes. <i>Neurosurgical Review</i> , 2022, 45, 1799-1807.	1.2	5
496	Moyamoya disease as a possible cause of ischemic stroke in adult patients. <i>Bulletin of Russian State Medical University</i> , 2021, , .	0.3	0
497	RNF213 p.Arg4810Lys Heterozygosity in Moyamoya Disease Indicates Early Onset and Bilateral Cerebrovascular Events. <i>Translational Stroke Research</i> , 2022, 13, 410-419.	2.3	6

#	ARTICLE	IF	CITATIONS
498	Successful shrinkage of anterior communicating artery aneurysm after ACA-ACA bypass with interposed occipital artery graft in pediatric moyamoya disease: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.1	0
500	Internal carotid artery origin of the anterior cerebral artery: A rare anatomic intracranial arterial variation in a child with morning glory disc anomaly and moyamoya vascular pattern; case report and review of literature. <i>Brain Circulation</i> , 2020, 6, 133.	0.7	1
501	Visceral artery fibromuscular dysplasia: another step in unravelling a mysterious vascular syndrome. <i>Journal of Hypertension</i> , 2020, 38, 605-607.	0.3	1
502	Moyamoya Disease in a Middle-Aged Hispanic Woman: A Case Illustration. <i>Cureus</i> , 2020, 12, e9101.	0.2	0
503	Moyamoya Syndrome Associated with Henoch-Schönlein Purpura. <i>Iranian Journal of Child Neurology</i> , 2016, 10, 71-74.	0.2	1
504	Cerebral Angiography in Moyamoya Syndrome Secondary to Vasculopathy in Down Syndrome. <i>Journal of Vascular and Interventional Neurology</i> , 2017, 9, 55-56.	1.1	0
506	'Editors' Choice' Indocyanine green emission timing of the recipient artery in revascularization surgery for moyamoya disease. <i>Nagoya Journal of Medical Science</i> , 2021, 83, 523-534.	0.6	0
507	De Novo Cerebral Microbleeds and Cognitive Decline in Cerebral Hyperperfusion After Direct Revascularization for Adult Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106166.	0.7	4
508	Long-Term Cognitive Changes after Revascularization Surgery in Adult Patients with Ischemic Moyamoya Disease. <i>Cerebrovascular Diseases Extra</i> , 2021, 11, 145-154.	0.5	15
509	Ring finger protein 213 c.14576G>A mutation is not involved in internal carotid artery and middle cerebral artery dysplasia. <i>Scientific Reports</i> , 2021, 11, 22163.	1.6	2
510	Platelet-to-Lymphocyte Ratio and Neutrophil-to-Lymphocyte Ratio in Patients With Newly Diagnosed Moyamoya Disease: A Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2021, 12, 631454.	1.1	7
511	Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease in Adults with Moyamoya Disease. <i>Translational Stroke Research</i> , 2021, , 1.	2.3	5
512	LncRNA-mRNA co-expression profiles relative to vascular remodeling in Moyamoya patients without RNF213 mutation. <i>World Neurosurgery</i> , 2021, 158, e880-e880.	0.7	2
513	Changes of cerebral cortical structure and cognitive dysfunction in "healthy hemisphere" after stroke: a study about cortical complexity and sulcus patterns in bilateral ischemic adult moyamoya disease. <i>BMC Neuroscience</i> , 2021, 22, 66.	0.8	2
514	Surgical revascularization vs. conservative treatment for adult hemorrhagic moyamoya disease: analysis of rebleeding in 322 consecutive patients. <i>Neurosurgical Review</i> , 2022, 45, 1709-1720.	1.2	7
515	&RNF213& p.R4810K Variant Carriers with Intracranial Arterial Stenosis Have a Low Atherosclerotic Burden. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, 29, 1655-1662.	0.9	7
516	Outcome Following Surgical Revascularization in Patients of Moyamoya Disease with Focus on Graft Patency and Angiographic Changes. <i>Neurology India</i> , 2021, 69, 620.	0.2	7
517	Preliminary outcomes of endovascular treatment of moyamoya disease. <i>Neurologia</i> , 2022, , .	0.3	0

#	ARTICLE	IF	CITATIONS
518	Dynamic Changes of Collateral Vessels After Encephaloduroarteriosynangiosis in Moyamoya Disease: Childhood to Adulthood. <i>World Neurosurgery</i> , 2022, 160, e511-e519.	0.7	1
519	Paradoxical symptomatic cerebral blood flow decreases after combined revascularization surgery for patients with pediatric moyamoya disease: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.1	0
520	Epidemiology of Moyamoya disease in China: A nationwide hospital-based study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 18, 100331.	1.3	19
521	Vascular architecture characters and changes of pediatric moyamoya disease after combined bypass surgery. <i>Neuropediatrics</i> , 2022, , .	0.3	1
522	Differences in cerebral blood flow measurement using arterial spin labeling MRI between patients with moyamoya disease and patients with arteriosclerotic cerebrovascular disease. <i>Acta Radiologica</i> , 2022, , 028418512110692.	0.5	0
523	Predictors of preoperative cognitive dysfunction in adults with Moyamoya disease: a preliminary research. <i>BMC Neurology</i> , 2022, 22, 12.	0.8	3
524	Asymptomatic Moyamoya Disease in a North American Adult Cohort. <i>World Neurosurgery</i> , 2022, 161, e146-e153.	0.7	6
525	Structural abnormalities in paediatric moyamoya disease revealed by clinical magnetic resonance imaging, regionally distributed relative signal intensities and volumes. <i>International Journal of Developmental Neuroscience</i> , 2021, , .	0.7	0
526	Moyamoya Disease-Standards and Advances in Revascularization Procedure and Peri-operative Management. <i>Advances and Technical Standards in Neurosurgery</i> , 2022, 44, 175-186.	0.2	0
527	INDIRECT CEREBRAL REVASCLARIZATION ON OPHTHALMIC ARTERY BY USING A DRUG-ELUTING BALLON FOR SUSPECTED MOYAMOYA DISEASE. <i>Malang Neurology Journal</i> , 2022, 8, 72-76.	0.2	0
528	Risk Factors for Cerebral Infarction Early After Revascularization in Children Younger than 5 Years with Moyamoya Disease. <i>World Neurosurgery</i> , 2022, 160, e220-e226.	0.7	5
530	Negative Remodeling of Carotid Canal during Spontaneous Disease Progression in Moyamoya Disease. <i>World Neurosurgery</i> , 2022, , .	0.7	0
531	Daily Remote Ischemic Conditioning Can Improve Cerebral Perfusion and Slow Arterial Progression of Adult Moyamoya Disease—A Randomized Controlled Study. <i>Frontiers in Neurology</i> , 2021, 12, 811854.	1.1	5
532	Long-term outcomes of moyamoya disease following indirect revascularization in middle adulthood: A prospective, quantitative study. <i>Journal of the Formosan Medical Association</i> , 2022, , .	0.8	3
533	Moyamoya Disease Associated with Hyperhomocysteinemia: A Rare Cause of Stroke in Sub-Saharan Africa. <i>World Journal of Neuroscience</i> , 2022, 12, 22-28.	0.1	0
534	Impact of RNF213 founder polymorphism (p.R4810K) on the postoperative development of indirect pial synangiosis after direct/indirect combined revascularization surgery for adult Moyamoya disease. <i>Neurosurgical Review</i> , 2022, 45, 2305-2313.	1.2	8
535	Moyamoya disease and syndrome: a review. <i>Radiologia Brasileira</i> , 2022, 55, 31-37.	0.3	13
536	Effect of Temporal Sampling Rate on Estimates of the Perfusion Parameters for Patients with Moyamoya Disease Assessed with Simultaneous Multislice Dynamic Susceptibility Contrast-enhanced MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2022, , .	1.1	0

#	ARTICLE	IF	CITATIONS
537	Revision 2021 of The Guideline for The Diagnosis of Moyamoya Disease by Research Committee on Moyamoya Disease (Spontaneous Occlusion of Circle of Willis). <i>Surgery for Cerebral Stroke</i> , 2022, 50, 1-7.	0.0	4
538	Identification of immune-infiltrated hub genes as potential biomarkers of Moyamoya disease by bioinformatics analysis. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 80.	1.2	9
539	Angiographic, Cerebral Hemodynamic, and Cognitive Outcomes of Indirect Revascularization Surgery Alone for Adult Patients With Misyery Perfusion due to Ischemic Moyamoya Disease. <i>Neurosurgery</i> , 2022, 90, 676-683.	0.6	13
540	Glioblastoma with concomitant moyamoya vasculopathy in neurofibromatosis type 1: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.1	1
541	Large artery intracranial stenosis in young adults with ischaemic stroke. <i>Revue Neurologique</i> , 2022, 178, 206-212.	0.6	1
542	Association of the <i>RNF213</i> p.R4810K Variant With the Outer Diameter of Cervical Arteries in Patients With Ischemic Stroke. , 2022, 2, .		1
543	Non-Invasive Evaluation of Cerebral Hemodynamic Changes After Surgery in Adult Patients With Moyamoya Using 2D Phase-Contrast and Intravoxel Incoherent Motion MRI. <i>Frontiers in Surgery</i> , 2022, 9, 773767.	0.6	0
544	Five-Day Bed Rest Reduces Postoperative Intracerebral Hemorrhage After Direct Bypass for Moyamoya Disease. <i>World Neurosurgery</i> , 2022, 159, e267-e272.	0.7	0
545	CRISPR Detection and Research on Screening Mutant Gene TTN of Moyamoya Disease Family Based on Whole Exome Sequencing. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 846579.	1.6	2
546	Characterizing the neurocognitive profiles of children with moyamoya disease using the Das Naglieri cognitive assessment system. <i>Scientific Reports</i> , 2022, 12, 3638.	1.6	1
547	Fronto-Parietal and White Matter Haemodynamics Predict Cognitive Outcome in Children with Moyamoya Independent of Stroke. <i>Translational Stroke Research</i> , 2022, 13, 757-773.	2.3	3
548	The neurosurgical management of Severe Hemophilia A and Moyamoya (SHAM): challenges, strategies, and literature review. <i>Child's Nervous System</i> , 2022, , 1.	0.6	0
549	Moyamoya Vasculopathy: Cause, Clinical Manifestations, Neuroradiologic Features, and Surgical Management. <i>World Neurosurgery</i> , 2022, 159, 409-425.	0.7	12
550	Spatially separate cerebral infarction in the posterior cerebral artery territory after combined revascularization of the middle cerebral artery territory in an adult patient with moyamoya disease and fetal-type posterior communicating artery: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> . 2022, 3, .	0.1	1
551	Intravoxel Incoherent Motion Magnetic Resonance Imaging Used in Preoperative Screening of High-Risk Patients With Moyamoya Disease Who May Develop Postoperative Cerebral Hyperperfusion Syndrome. <i>Frontiers in Neuroscience</i> , 2022, 16, 826021.	1.4	2
552	A Magnetic Resonance Angiography-Based Study Comparing Machine Learning and Clinical Evaluation: Screening Intracranial Regions Associated with the Hemorrhagic Stroke of Adult Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106382.	0.7	2
553	Evaluation of moyamoya disease in CT angiography using ultra-high-resolution computed tomography: Application of deep learning reconstruction. <i>European Journal of Radiology</i> , 2022, 151, 110294.	1.2	8
554	High-resolution compressed sensing time-of-flight MR angiography outperforms CT angiography for evaluating patients with Moyamoya disease after surgical revascularization. <i>BMC Medical Imaging</i> , 2022, 22, 64.	1.4	4

#	ARTICLE	IF	CITATIONS
555	â€œAsymptomaticâ€ Moyamoya Angiopathy: Is it Truly Asymptomatic?. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106432.	0.7	8
556	Transient Global Cerebral Hypoperfusion as a Characteristic Cerebral Hemodynamic Pattern in the Acute Stage after Combined Revascularization Surgery for Pediatric Moyamoya Disease: N-Isopropyl-P- ¹²³ Iodoamphetamine Single-Photon Emission Computed Tomography Study. Cerebrovascular Diseases, 2022, 51, 453-460.	0.8	5
557	Brain Perfusion and Hemodynamic Changes in Moyamoya Disease. Family Medicine, 2021, , 47-52.	0.1	0
558	Plasticity of the bony carotid canal and its clinical use for assessing negative remodeling of the internal carotid artery. PLoS ONE, 2021, 16, e0261235.	1.1	2
559	Plasma Lipid Profiling Contributes to Untangle the Complexity of Moyamoya Arteriopathy. International Journal of Molecular Sciences, 2021, 22, 13410.	1.8	11
560	Twiglike MCA: A Not-So-Common Cerebral Vascular Anomaly. Neurographics, 2021, 11, 243-247.	0.0	1
561	Impact of COVID-19 pandemic in natural course of Moyamoya Angiopathy: an experience from tertiary-care-center in India. Egyptian Journal of Neurology, Psychiatry and Neurosurgery, 2021, 57, 166.	0.4	13
562	Noncoding RNA as Diagnostic and Prognostic Biomarkers in Cerebrovascular Disease. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	1.9	6
563	Characterization of Moyamoya and Middle Cerebral Artery Diseases by Carotid Canal Diameter and RNF213 p.R4810K Genotype. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106481.	0.7	1
568	Changes in cerebral blood flow in the postoperative chronic phase after combined cerebral revascularization for moyamoya disease with ischaemic onset. Neurosurgical Review, 2022, 45, 2471-2480.	1.2	5
570	Radiological and clinical features of twig-like middle cerebral artery in comparison with moyamoya angiopathy: a multicenter retrospective study. Journal of Neurosurgery, 2022, 137, 1718-1726.	0.9	4
571	The Potential Mechanism Behind Native and Therapeutic Collaterals in Moyamoya. Frontiers in Neurology, 2022, 13, 861184.	1.1	3
572	Recognition of the Effect of Indirect Revascularization for Moyamoya Disease: The Balance Between the Stage Progression and Neoangiogenesis. Frontiers in Neurology, 2022, 13, .	1.1	5
573	The profile of cognitive impairment and hemodynamic compromise in moyamoya: a single-center prospective cohort study. Journal of Neurosurgery, 2023, 138, 173-184.	0.9	5
574	Association of <i>RNF213</i> Variants With Periventricular Anastomosis in Moyamoya Disease. Stroke, 2022, 53, 2906-2916.	1.0	5
575	Symptomatic hyperperfusion after combined revascularization surgery in patients with pediatric moyamoya disease: patient series. Journal of Neurosurgery Case Lessons, 2022, 3, .	0.1	0
576	Effects of Aspirin Therapy on Bypass Efficacy and Survival of Patients Receiving Direct Cerebral Revascularization. Frontiers in Pharmacology, 2022, 13, 841174.	1.6	3
577	Pediatric Moyamoya Disease and Syndrome in Italy: A Multicenter Cohort. Frontiers in Pediatrics, 2022, 10, .	0.9	8

#	ARTICLE	IF	CITATIONS
578	Superficial temporal artery-middle cerebral artery bypass for moyamoya disease treatment in Vietnam: A single-center prospective study. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2022, 29, 101575.	0.2	0
579	Moyamoya Disease Complicating Ebstein's Anomaly. <i>Internal Medicine</i> , 2022, , .	0.3	0
580	The Recipient Vessel Hemodynamic Features Affect the Occurrence of Cerebral Edema in Moyamoya Disease After Surgical Revascularization: A Single-Center Retrospective Study. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	0
581	Diagnostic Criteria for Moyamoya Disease - 2021 Revised Version. <i>Neurologia Medico-Chirurgica</i> , 2022, 62, 307-312.	1.0	61
582	MicroRNA Expression in Circulating Leukocytes and Bioinformatic Analysis of Patients With Moyamoya Disease. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	0
583	Moyamoya syndrome and stroke among pediatric sickle cell disease patients in Sudan: A cross-sectional study. <i>Annals of Medicine and Surgery</i> , 2022, 78, 103815.	0.5	2
584	Recovery of cortical neurotransmitter receptor function and its impact on cognitive improvement after indirect revascularization surgery alone for adult patients with ischemic moyamoya disease: 123I-iodoamphetamine single-photon emission computed tomography study. <i>World Neurosurgery</i> , 2022, , .	0.7	5
585	The risk for future cerebrovascular disease in pregnant women with Moyamoya disease: a nationwide population-based study in South Korea. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, .	0.9	2
586	Transcriptomic Profiling of Intracranial Arteries in Adult Patients With Moyamoya Disease Reveals Novel Insights Into Its Pathogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	8
587	Hyperhomocysteinemia Is a Predictor for Poor Postoperative Angiogenesis in Adult Patients With Moyamoya Disease. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	4
588	Outcomes of Medical Management Alone for Adult Patients with Cerebral Mismatch Perfusion Due to Ischemic Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106588.	0.7	5
589	Five-Year Changes in Cognitive Function and Their Predictor in Adult Moyamoya Disease. <i>World Neurosurgery</i> , 2022, 165, e346-e351.	0.7	3
590	Genome-Wide Association Study of Intracranial Artery Stenosis Followed by Phenome-Wide Association Study. <i>Translational Stroke Research</i> , 2023, 14, 322-333.	2.3	5
591	Angiographic Characteristics of Cerebral Perfusion and Hemodynamics of the Bridging Artery After Surgical Treatment of Unilateral Moyamoya Disease. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
592	Outcomes of Combined Revascularization Surgery for Moyamoya Disease without Preoperative Cerebral Angiography. <i>World Neurosurgery</i> , 2022, 165, e446-e451.	0.7	3
593	Baseline Hemodynamic Impairment and Revascularization Outcome in Newly Diagnosed Adult Moyamoya Disease Determined by Pseudocontinuous Arterial Spin Labeling. <i>World Neurosurgery</i> , 2022, 165, e494-e504.	0.7	1
594	Intravenous thrombolysis and endovascular thrombectomy for acute ischaemic stroke in patients with Moyamoya disease - a systematic review and meta-summary of case reports. <i>Journal of Thrombosis and Thrombolysis</i> , 2022, 54, 339-349.	1.0	6
597	Moyamoya Disease Associated with a Deficiency of Complement Component 6. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106601.	0.7	1

#	ARTICLE	IF	CITATIONS
598	Bilateral Ischemic Strokes Secondary to Moyamoya Syndrome Associated With Graves Thyrotoxicosis in a Patient of Amerindian Descent From Peru: A Case Report. <i>Cureus</i> , 2022, , .	0.2	0
599	Prediction of hemorrhagic cerebral hyperperfusion syndrome after direct bypass surgery in adult nonhemorrhagic moyamoya disease: combining quantitative parameters on RAPID perfusion CT with clinically related factors. <i>Journal of Neurosurgery</i> , 2023, 138, 683-692.	0.9	3
600	TGFÎ²1 as a Predictive Biomarker for Collateral Formation Within Ischemic Moyamoya Disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
601	The usefulness and safety of dexmedetomidine for postoperative sedation in pediatric patients with moyamoya disease. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 301-307.	0.8	1
602	Hypo-high density lipoproteinemia is a predictor for recurrent stroke during the long-term follow-up after revascularization in adult moyamoya disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	3
603	Long noncoding RNA profile of the intracranial artery in patients with moyamoya disease. <i>Journal of Neurosurgery</i> , 2023, 138, 709-716.	0.9	3
604	Development of cerebral microbleeds and its impact on cognitive function in adult patients receiving medical management alone for ischemic moyamoya disease: supplementary analysis of a 5-year prospective cohort. <i>Neurological Research</i> , 2022, 44, 1104-1112.	0.6	1
605	Cerebrovascular Reserve Impairment in the Anterior Cerebral Artery Territory Predicts Deep Temporal Artery Enlargement After Combined Revascularization Surgery in Moyamoya Disease. <i>World Neurosurgery</i> , 2022, 167, e344-e349.	0.7	0
606	Moyamoya Disease From an Otolaryngologistâ€™s Perspective: A Rare Case. <i>Cureus</i> , 2022, , .	0.2	0
607	Flat Detector CT with Cerebral Pooled Blood Volume Perfusion in the Angiography Suite: From Diagnostics to Treatment Monitoring. <i>Diagnostics</i> , 2022, 12, 1962.	1.3	3
608	Larger Posterior Revascularization Associated with Reduction of Choroidal Anastomosis in Moyamoya Disease: A Quantitative Angiographic Analysis. <i>American Journal of Neuroradiology</i> , 2022, 43, 1279-1285.	1.2	3
609	Study design of deep learning based automatic detection of cerebrovascular diseases on medical imaging: a position paper from Chinese Association of Radiologists. <i>Intelligent Medicine</i> , 2022, 2, 221-229.	1.6	1
610	CT perfusion-based delta-radiomics models to identify collateral vessel formation after revascularization in patients with moyamoya disease. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
611	Surgical techniques and indications for treatment of adult moyamoya disease. <i>Frontiers in Surgery</i> , 0, 9, .	0.6	6
612	Microembolic signals and antiplatelet therapy in Moyamoya angiopathy. <i>Journal of Neurology</i> , 2022, 269, 6605-6612.	1.8	6
613	Circulating choline pathway nutrients and risk of moyamoya disease. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	3
614	Myelin damage and cortical atrophy in watershed regions in patients with moyamoya angiopathy. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
615	Risk Factors of Transient Neurological Deficits and Perioperative Stroke after Revascularization in Patients with Moyamoya Disease. <i>Brain Sciences</i> , 2022, 12, 1285.	1.1	0

#	ARTICLE	IF	CITATIONS
616	Moyamoya disease associated with aneurysm â€“Cerebral ischemia in patient with subarachnoid hemorrhage. <i>IP Indian Journal of Neurosciences</i> , 2022, 8, 199-203.	0.0	0
617	Clinical features of moyamoya disease with Gravesâ€™ disease: a retrospective study of 394,422 patients with thyroid disease. <i>Endocrine Journal</i> , 2023, 70, 141-148.	0.7	2
618	Enhancement of the Ivy Sign during an Ischemic Event in Moyamoya Disease. <i>Internal Medicine</i> , 2023, 62, 617-621.	0.3	2
619	Differentiation of Fibroblasts Into Myofibroblasts in the Arachnoid Membrane of Moyamoya Disease. <i>Stroke</i> , 2022, 53, 3465-3473.	1.0	5
620	Clinical and Genetic Analysis of a Patient With Coexisting 17a-Hydroxylase/17,20-Lyase Deficiency and Moyamoya Disease. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
621	A Retrospective Study on Clinical Features of Childhood Moyamoya Disease. <i>Pediatric Neurology</i> , 2023, 138, 17-24.	1.0	3
622	A flow self-regulating superficial temporal arteryâ€“middle cerebral artery bypass based on side-to-side anastomosis for adult patients with moyamoya disease. <i>Journal of Neurosurgery</i> , 2022, , 1-10.	0.9	3
624	Changes in periventricular anastomosis after indirect revascularization surgery alone for adult patients with misery perfusion due to ischemic moyamoya disease. <i>Neurosurgical Review</i> , 2022, 45, 3665-3673.	1.2	1
625	Longitudinal angiographic characterization of the efficacy of combined cerebral revascularization using minimally invasive encephalodurosynangiosis in patients with moyamoya angiopathy. <i>Neurosurgical Review</i> , 2022, 45, 3689-3698.	1.2	2
626	Cerebral Arteriopathies of Childhood â€“ Current Approaches. <i>Seminars in Pediatric Neurology</i> , 2022, , 101004.	1.0	1
627	Direct, Indirect, and Combined Extracranial-to-Intracranial Bypass for Adult Moyamoya Disease: An Updated Systematic Review and Meta-Analysis. <i>Stroke</i> , 2022, 53, 3572-3582.	1.0	17
628	The Value of Preoperative Phase-Contrast MRI in Predicting the Clinical Outcome of Moyamoya Disease after Encephalo-Duro-Arterial Synangiosis Surgery. <i>American Journal of Neuroradiology</i> , 0, , .	1.2	2
629	Direct Bypass Surgery for Moyamoya and Steno-occlusive Vasculopathy: Clinical Outcomes, Intraoperative Blood Flow Analysis, Long-term Follow-up, and Long-term Bypass Patency in a Single Surgeon Case Series of 162 Procedures. <i>World Neurosurgery</i> , 2022, 168, e500-e517.	0.7	4
630	Does Advanced Imaging Aid in the Preoperative Evaluation of Patients With Moyamoya Disease?. <i>Cureus</i> , 2022, , .	0.2	1
631	Transient Ischemic Attack After Indirect Revascularization Surgery for Pediatric Patients with Moyamoya Disease: A Retrospective Study of Intraoperative Blood Pressure. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, , 101168.	0.6	0
632	Bloody fluids located between the temporal muscle and targeted cerebral cortex affect the establishment of indirect collaterals in Moyamoya disease with surgical bypass: A case-control study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
634	Ultrasound parameters associated with stroke in patients with moyamoya disease: a logistic regression analysis. <i>Chinese Neurosurgical Journal</i> , 2022, 8, .	0.3	0
635	Wavelet analysis of cerebral oxygenation signal measured by near infrared spectroscopy in Moyamoya disease. <i>World Neurosurgery</i> , 2022, , .	0.7	3

#	ARTICLE	IF	CITATIONS
636	Neuroimaging in Moyamoya angiopathy: Updated review. Clinical Neurology and Neurosurgery, 2022, 222, 107471.	0.6	0

637 Vessel Wall Changes on Serial High-Resolution MRI and the Use of Cilostazol in Patients With

#	ARTICLE	IF	CITATIONS
655	Efficacy Assessment of superficial temporal artery middle cerebral artery bypass surgery in treating moyamoya disease from a hemodynamic perspective: a pilot study using computational modeling and perfusion imaging. <i>Acta Neurochirurgica</i> , 2023, 165, 613-623.	0.9	4
657	Analysis of Clinical Characteristic and Risk Factors for Short-Term Prognosis of Moyamoya Disease with Intraventricular Hemorrhage in Adults. <i>World Neurosurgery</i> , 2023, 171, e738-e744.	0.7	1
658	Increase of Circulating Endothelial Progenitor Cells and Released Angiogenic Factors in Children with Moyamoya Arteriopathy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1233.	1.8	0
659	Validation of the Berlin Grading System for moyamoya angiopathy with the use of [15O]H2O PET. <i>Neurosurgical Review</i> , 2023, 46, .	1.2	1
660	Development and External Validation of Nomogram for Cerebral Infarction in Moyamoya Diseases. <i>Translational Stroke Research</i> , 0, , .	2.3	0
661	Superficial temporal artery middle cerebral artery bypass in combination with encephalo-myo-synangiosis in Chinese adult patients with moyamoya disease. <i>Frontiers in Surgery</i> , 0, 10, .	0.6	0
662	Application of intraoperative infrared thermography in bypass surgery for adult moyamoya syndrome: A preliminary study. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	2
663	Association of Cerebral Hemodynamics and Cognitive Function in Adult Patients with Moyamoya Disease: A Three-Dimensional pseudo-Continuous Arterial Spin Labeling Study. <i>World Neurosurgery</i> , 2023, , .	0.7	0
664	Association between methionine sulfoxide and risk of moyamoya disease. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
665	Impact of craniotomy area on improvement of cerebral blood flow in combined revascularization surgery for moyamoya disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 107110.	0.7	1
666	Clinical Efficacy of Superficial Temporal Artery-middle Cerebral Artery Bypass Grafting Surgery Combined With Temporal Muscle Patch on Patients With Moyamoya Disease. <i>Journal of Craniofacial Surgery</i> , 2023, 34, 643-649.	0.3	1
667	European Stroke Organisation (ESO) Guidelines on Moyamoya angiopathy Endorsed by Vascular European Reference Network (VASCERN). <i>European Stroke Journal</i> , 2023, 8, 55-84.	2.7	13
668	MRI/MRA Versus Catheter Angiography for Annual Follow-up of Pediatric Moyamoya Patients: A Cost Outcomes Analysis. <i>Neurosurgery</i> , 2023, Publish Ahead of Print, .	0.6	0
670	Nomogram to Predict Good Collateral Formation After the STA-MCA Bypass Surgery in Adult Patients With Moyamoya Disease. <i>Stroke</i> , 2023, 54, 751-758.	1.0	2
671	Characterization of Global Research Trends and Prospects on Moyamoya Disease: Bibliometric Analysis. <i>World Neurosurgery</i> , 2023, 173, e329-e340.	0.7	0
672	Development of cortical microvascularization in Moyamoya disease using the maximum intensity projection method from three-dimensional rotational angiography. <i>Acta Neurochirurgica</i> , 2023, 165, 605-611.	0.9	0
673	Classify patients with Moyamoya disease according to their cognitive performance might be helpful in clinical and practical with support vector machine based on hypergraph. <i>Human Brain Mapping</i> , 2023, 44, 2407-2417.	1.9	3
674	Effect of the addition of 123I-iodemazenil single-photon emission computed tomography to brain perfusion single-photon emission computed tomography on the detection accuracy of misery perfusion in adult patients with ischemic moyamoya disease. <i>Annals of Nuclear Medicine</i> , 0, , .	1.2	0

#	ARTICLE	IF	CITATIONS
675	Changes in the clinical spectrum of pediatric moyamoya disease over 40 years. <i>Child's Nervous System</i> , 2023, 39, 1851-1859.	0.6	1
676	Outcome prediction of pediatric moyamoya disease using midterm cerebral blood flow measured between staged anastomoses. <i>Child's Nervous System</i> , 2023, 39, 1851-1859.	0.6	0
677	Chinese expert consensus on the treatment of MMD. <i>Chinese Neurosurgical Journal</i> , 2023, 9, .	0.3	5
678	Subarachnoid Hemorrhage Caused by Hazy Vascular Rupture: A Case Report. <i>Advances in Clinical Medicine</i> , 2023, 13, 2744-2749.	0.0	0
679	Long-term outcomes of moyamoya disease versus atherosclerosis-associated moyamoya vasculopathy using high-resolution MR vessel wall imaging. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 567-574.	0.9	2
680	Expression of hypoxia-inducing factor-1 α and matrix metalloproteinase-9 in the recipient parasylvian cortical arteries with different hemodynamic sources in adult moyamoya disease. <i>Frontiers in Surgery</i> , 2023, 10, .	0.6	0
681	Unusual collaterals through interhemispheric connections in Moyamoya disease. <i>Diagnostic and Interventional Radiology</i> , 2024, 30, 72-73.	0.7	0
682	Risk factors and a novel cerebral infarction extent scoring system for postoperative cerebral ischemia in patients with ischemic Moyamoya disease. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
683	A long-term study of posterior circulation changes after revascularization in patients with moyamoya disease. <i>Journal of Neurosurgery</i> , 2023, , 1-6.	0.9	0
684	Cerebral revascularization surgery reduces cerebrovascular events in children with sickle cell disease and moyamoya syndrome: Results of the stroke in sickle cell revascularization surgery retrospective study. <i>Pediatric Blood and Cancer</i> , 2023, 70, .	0.8	2
685	Effects of superficial temporal artery to middle cerebral artery bypass on postoperative infarction rates among young children (5 years old) with moyamoya disease. <i>Neurosurgical Review</i> , 2023, 46, .	1.2	0
686	Evaluation of vessel-wall contrast-enhancement on high-resolution MRI in European patients with Moyamoya disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 107135.	0.7	0
687	Moyamoya disease-specific extracellular vesicle-derived microRNAs in the cerebrospinal fluid revealed by comprehensive expression analysis through microRNA sequencing. <i>Acta Neurochirurgica</i> , 2023, 165, 2045-2055.	0.9	1
688	Whole-exome sequencing in moyamoya patients of Northern-European origin identifies gene variants involved in Nitric Oxide metabolism: A pilot study. <i>Brain and Spine</i> , 2023, 3, 101745.	0.0	1
704	Antiplatelet therapy may improve the prognosis of patients with moyamoya disease: a 12-year retrospective study. <i>Journal of Neurology</i> , 2023, 270, 3876-3884.	1.8	0
708	Progression of initially unilateral Moyamoya angiopathy in Caucasian Europeans. <i>Journal of Neurology</i> , 2023, , .	1.8	0
760	Disorders of the Central Nervous System in Pregnancy. , 2024, , 206-230.		0