

# Heinrich P Mattle

## List of Publications by Year in descending order

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232  
papers

21,466  
citations

8732

75  
h-index

10127

140  
g-index

264  
all docs

264  
docs citations

264  
times ranked

15453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stent-Retriever Thrombectomy after Intravenous t-PA vs. t-PA Alone in Stroke. <i>New England Journal of Medicine</i> , 2015, 372, 2285-2295.	13.9	4,255
2	Percutaneous Closure of Patent Foramen Ovale in Cryptogenic Embolism. <i>New England Journal of Medicine</i> , 2013, 368, 1083-1091.	13.9	781
3	Treatment and outcomes of acute basilar artery occlusion in the Basilar Artery International Cooperation Study (BASICS): a prospective registry study. <i>Lancet Neurology</i> , The, 2009, 8, 724-730.	4.9	640
4	An index to identify stroke-related vs incidental patent foramen ovale in cryptogenic stroke. <i>Neurology</i> , 2013, 81, 619-625.	1.5	468
5	Outcome of Survivors of Accidental Deep Hypothermia and Circulatory Arrest Treated with Extracorporeal Blood Warming. <i>New England Journal of Medicine</i> , 1997, 337, 1500-1505.	13.9	441
6	Basilar artery occlusion. <i>Lancet Neurology</i> , The, 2011, 10, 1002-1014.	4.9	439
7	Therapy of Basilar Artery Occlusion. <i>Stroke</i> , 2006, 37, 922-928.	1.0	431
8	Vertebral Artery Dissection. <i>Stroke</i> , 2006, 37, 2499-2503.	1.0	343
9	Mechanical thrombectomy in acute ischemic stroke: Consensus statement by ESO-Karolinska Stroke Update 2014/2015, supported by ESO, ESMINT, ESNR and EAN. <i>International Journal of Stroke</i> , 2016, 11, 134-147.	2.9	303
10	Comparison of medical treatment with percutaneous closure of patent foramen ovale in patients with cryptogenic stroke. <i>Journal of the American College of Cardiology</i> , 2004, 44, 750-758.	1.2	299
11	What Is a Minor Stroke?. <i>Stroke</i> , 2010, 41, 661-666.	1.0	282
12	Assessment of ≥50% and <50% Intracranial Stenoses by Transcranial Color-Coded Duplex Sonography. <i>Stroke</i> , 1999, 30, 87-92.	1.0	281
13	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2018, 17, 895-904.	4.9	281
14	NIHSS Score and Arteriographic Findings in Acute Ischemic Stroke. <i>Stroke</i> , 2005, 36, 2121-2125.	1.0	279
15	National Institutes of Health Stroke Scale Score and Vessel Occlusion in 2152 Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 1153-1157.	1.0	277
16	Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2019, 18, 46-55.	4.9	276
17	Clinical Relevance of Brain Volume Measures in Multiple Sclerosis. <i>CNS Drugs</i> , 2014, 28, 147-156.	2.7	254
18	Intra-Arterial Thrombolysis in 100 Patients With Acute Stroke Due to Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2002, 33, 1828-1833.	1.0	207

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19	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. <i>Lancet Neurology</i> , The, 2018, 17, 47-53.	4.9	205
20	Comparison of Intraarterial and Intravenous Thrombolysis for Ischemic Stroke With Hyperdense Middle Cerebral Artery Sign. <i>Stroke</i> , 2008, 39, 379-383.	1.0	197
21	Long-Term Outcome of Acute Spinal Cord Ischemia Syndrome. <i>Stroke</i> , 2004, 35, 560-565.	1.0	195
22	Outcome of Stroke With Mild or Rapidly Improving Symptoms. <i>Stroke</i> , 2007, 38, 2531-2535.	1.0	190
23	Terutroban versus aspirin in patients with cerebral ischaemic events (PERFORM): a randomised, double-blind, parallel-group trial. <i>Lancet</i> , The, 2011, 377, 2013-2022.	6.3	185
24	Device Closure of Patent Foramen Ovale After Stroke. <i>Journal of the American College of Cardiology</i> , 2016, 67, 907-917.	1.2	183
25	Local Intra-Arterial Thrombolysis in Acute Ischemic Stroke. <i>Stroke</i> , 1998, 29, 1894-1900.	1.0	181
26	Factors that determine penumbral tissue loss in acute ischaemic stroke. <i>Brain</i> , 2013, 136, 3554-3560.	3.7	168
27	Stent Placement in Acute Cerebral Artery Occlusion. <i>Stroke</i> , 2009, 40, 847-852.	1.0	165
28	Frequent Atrial Premature Beats Predict Paroxysmal Atrial Fibrillation in Stroke Patients. <i>Stroke</i> , 2007, 38, 2292-2294.	1.0	162
29	Long-Term Propensity Score-Matched Comparison of Percutaneous Closure of Patent Foramen Ovale With Medical Treatment After Paradoxical Embolism. <i>Circulation</i> , 2012, 125, 803-812.	1.6	160
30	Risk of Symptomatic Intracerebral Hemorrhage After Intravenous Thrombolysis in Patients With Acute Ischemic Stroke and High Cerebral Microbleed Burden. <i>JAMA Neurology</i> , 2016, 73, 675.	4.5	158
31	Pulsatile tinnitus – a review of 84 patients. <i>Journal of Neurology</i> , 1998, 245, 137-142.	1.8	157
32	Ischemic core and hypoperfusion volumes predict infarct size in <sc>SWIFT PRIME</sc>. <i>Annals of Neurology</i> , 2016, 79, 76-89.	2.8	155
33	Blood Pressure and Vessel Recanalization in the First Hours After Ischemic Stroke. <i>Stroke</i> , 2005, 36, 264-268.	1.0	154
34	Percutaneous closure of patent foramen ovale in migraine with aura, a randomized controlled trial. <i>European Heart Journal</i> , 2016, 37, 2029-2036.	1.0	153
35	Relationships of Overt and Silent Brain Lesions With Cognitive Function in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2019, 73, 989-999.	1.2	148
36	Decompressive Hemicraniectomy in Patients With Supratentorial Intracerebral Hemorrhage. <i>Stroke</i> , 2012, 43, 3207-3211.	1.0	145

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37	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2019, 18, 653-665.	4.9	143
38	Acute ischemic stroke in children versus young adults. <i>Annals of Neurology</i> , 2011, 70, 245-254.	2.8	135
39	Safety and Functional Outcome of Thrombolysis in Dissection-Related Ischemic Stroke. <i>Stroke</i> , 2011, 42, 2515-2520.	1.0	129
40	Transcatheter treatment of atrial septal aneurysm associated with patent foramen ovale for prevention of recurrent paradoxical embolism in high-risk patients. <i>Journal of the American College of Cardiology</i> , 2005, 45, 377-380.	1.2	128
41	Autologous Fat Injection for Soft Tissue Augmentation in the Face: A Safe Procedure?. <i>Aesthetic Plastic Surgery</i> , 1998, 22, 163-167.	0.5	123
42	Long-term outcome after arterial ischemic stroke in children and young adults. <i>Neurology</i> , 2015, 84, 1941-1947.	1.5	117
43	Direct Mechanical Intervention Versus Combined Intravenous and Mechanical Intervention in Large Artery Anterior Circulation Stroke. <i>Stroke</i> , 2016, 47, 1037-1044.	1.0	117
44	Primary Results of the Multicenter ARISE II Study (Analysis of Revascularization in Ischemic Stroke) Tj ETQq0 0 0 rgBT/Overlock,10 Tf 50	1.0	116
45	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 379-387.	1.0	115
46	Endovascular Therapy of 623 Patients With Anterior Circulation Stroke. <i>Stroke</i> , 2012, 43, 1052-1057.	1.0	111
47	Three-Month and Long-Term Outcomes and Their Predictors in Acute Basilar Artery Occlusion Treated With Intra-Arterial Thrombolysis. <i>Stroke</i> , 2011, 42, 1946-1951.	1.0	108
48	Thrombolysis in Patients With Acute Stroke Caused by Cervical Artery Dissection. <i>Archives of Neurology</i> , 2002, 59, 549.	4.9	107
49	Intravenous Thrombolysis in Stroke Attributable to Cervical Artery Dissection. <i>Stroke</i> , 2009, 40, 3772-3776.	1.0	105
50	European Recommendations on Organisation of Interventional Care in Acute Stroke (EROICAS). <i>International Journal of Stroke</i> , 2016, 11, 701-716.	2.9	105
51	Clinical prediction of large vessel occlusion in anterior circulation stroke: mission impossible?. <i>Journal of Neurology</i> , 2016, 263, 1633-1640.	1.8	105
52	Proposal for Updated Nomenclature and Classification of Potential Causative Mechanism in Patent Foramen Ovale-Associated Stroke. <i>JAMA Neurology</i> , 2020, 77, 878.	4.5	105
53	Percutaneous closure of patent foramen ovale in patients with cryptogenic embolism: a network meta-analysis. <i>European Heart Journal</i> , 2015, 36, 120-128.	1.0	104
54	Thrombus Permeability Is Associated With Improved Functional Outcome and Recanalization in Patients With Ischemic Stroke. <i>Stroke</i> , 2016, 47, 732-741.	1.0	103

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55	Value of Computed Tomographic Perfusionâ€“Based Patient Selection for Intra-Arterial Acute Ischemic Stroke Treatment. <i>Stroke</i> , 2015, 46, 3375-3382.	1.0	101
56	Comparison of the ECST, CC, and NASCET grading methods and ultrasound for assessing carotid stenosis. <i>Journal of Neurology</i> , 2000, 247, 681-686.	1.8	100
57	Pre- and In-Hospital Delays From Stroke Onset to Intra-arterial Thrombolysis. <i>Stroke</i> , 2003, 34, 1230-1234.	1.0	100
58	Microbleeds, Cerebral Hemorrhage, and Functional Outcome After Stroke Thrombolysis. <i>Stroke</i> , 2017, 48, 2084-2090.	1.0	100
59	Cerebrovascular accidents complicating transcatheter aortic valve implantation: frequency, timing and impact on outcomes. <i>EuroIntervention</i> , 2012, 8, 62-70.	1.4	100
60	Selective Intra-Arterial Fibrinolysis of Acute Central Retinal Artery Occlusion. <i>Stroke</i> , 1998, 29, 2076-2079.	1.0	98
61	Internal Carotid Artery Stent Implantation in 25 Patients with Acute Stroke: Preliminary Results. <i>Radiology</i> , 2005, 237, 1029-1037.	3.6	98
62	Anticoagulant vs. antiplatelet therapy in patients with cryptogenic stroke and patent foramen ovale: an individual participant data meta-analysis. <i>European Heart Journal</i> , 2015, 36, 2381-2389.	1.0	98
63	Time to Admission in Acute Ischemic Stroke and Transient Ischemic Attack. <i>Stroke</i> , 2006, 37, 963-966.	1.0	94
64	Differences and Similarities Between Spontaneous Dissections of the Internal Carotid Artery and the Vertebral Artery. <i>Stroke</i> , 2013, 44, 1537-1542.	1.0	93
65	Outcomes of Intravenous Thrombolysis in Posterior Versus Anterior Circulation Stroke. <i>Stroke</i> , 2011, 42, 2498-2502.	1.0	92
66	Heterogeneity of Treatment Effects in an Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale After Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2277.	3.8	92
67	Patent Foramen Ovale Closure Versus Medical Therapy for Cryptogenic Ischemic Stroke. <i>Stroke</i> , 2018, 49, 1541-1548.	1.0	91
68	Middle cerebral artery occlusion and ocular fat embolism after autologous fat injection in the face. <i>Journal of Neurology</i> , 1997, 245, 53-54.	1.8	90
69	Recanalization of Spontaneous Carotid Artery Dissection. <i>Stroke</i> , 2009, 40, 499-504.	1.0	89
70	Extent of Hypoattenuation on CT Angiography Source Images in Basilar Artery Occlusion. <i>Stroke</i> , 2011, 42, 3454-3459.	1.0	88
71	Time window for recanalization in basilar artery occlusion. <i>Neurology</i> , 2015, 85, 1806-1815.	1.5	87
72	Outcome of patients with occlusions of the internal carotid artery or the main stem of the middle cerebral artery with NIHSS score of less than 5: comparison between thrombolysed and non-thrombolysed patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 755-760.	0.9	86

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73	Prior Statin Use, Intracranial Hemorrhage, and Outcome After Intra-Arterial Thrombolysis for Acute Ischemic Stroke. <i>Stroke</i> , 2009, 40, 1729-1737.	1.0	82
74	Thrombolysis in Childhood Stroke. <i>Stroke</i> , 2009, 40, 801-807.	1.0	80
75	Younger Stroke Patients With Large Pretreatment Diffusion-Weighted Imaging Lesions May Benefit From Endovascular Treatment. <i>Stroke</i> , 2015, 46, 2510-2516.	1.0	80
76	Lifestyle and stroke risk: a review. <i>Current Opinion in Neurology</i> , 2009, 22, 60-68.	1.8	78
77	Late Results After Percutaneous Closure of Patent Foramen Ovale for Secondary Prevention of Paradoxical Embolism Using the Amplatzer PFO Occluder Without Intraprocedural Echocardiography. <i>JACC: Cardiovascular Interventions</i> , 2009, 2, 116-123.	1.1	77
78	Improvement of migraine headaches after percutaneous closure of patent foramen ovale for secondary prevention of paradoxical embolism. <i>Heart</i> , 2010, 96, 967-973.	1.2	77
79	High-Altitude Exposure in Patients with Cardiovascular Disease: Risk Assessment and Practical Recommendations. <i>Progress in Cardiovascular Diseases</i> , 2010, 52, 512-524.	1.6	76
80	Symptomatic therapy in multiple sclerosis: a review for a multimodal approach in clinical practice. <i>Therapeutic Advances in Neurological Disorders</i> , 2011, 4, 139-168.	1.5	76
81	Atherogenic Dyslipidemia and Residual Cardiovascular Risk in Statin-Treated Patients. <i>Stroke</i> , 2014, 45, 1429-1436.	1.0	74
82	Transcranial color-coded duplex sonography, magnetic resonance angiography, and computed tomography angiography: Methods, applications, advantages, and limitations. <i>Journal of Clinical Ultrasound</i> , 1995, 23, 89-111.	0.4	68
83	General Is Better Than Local Anesthesia During Endovascular Procedures. <i>Stroke</i> , 2010, 41, 2716-2717.	1.0	68
84	Risk factors, aetiology and outcome of ischaemic stroke in young adults: the Swiss Young Stroke Study (SYSS). <i>Journal of Neurology</i> , 2015, 262, 2025-2032.	1.8	68
85	Neuroimaging Findings in Cryptogenic Stroke Patients With and Without Patent Foramen Ovale. <i>Stroke</i> , 2013, 44, 675-680.	1.0	66
86	Impact of Admission Glucose and Diabetes on Recanalization and Outcome after Intra-Arterial Thrombolysis for Ischaemic Stroke. <i>International Journal of Stroke</i> , 2014, 9, 985-991.	2.9	62
87	Protein Z in ischaemic stroke. <i>British Journal of Haematology</i> , 2001, 114, 169-173.	1.2	59
88	D-Dimers Predict Stroke Subtype when Assessed Early. <i>Cerebrovascular Diseases</i> , 2010, 29, 82-86.	0.8	58
89	Transesophageal Echocardiography in Cryptogenic Stroke and Patent Foramen Ovale. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 125-131.	1.3	58
90	Plaque Characteristics of Asymptomatic Carotid Stenosis and Risk of Stroke. <i>Cerebrovascular Diseases</i> , 2012, 34, 343-350.	0.8	57

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91	Trunk sway in mildly disabled multiple sclerosis patients with and without balance impairment. <i>Experimental Brain Research</i> , 2011, 213, 363-370.	0.7	55
92	Preexisting Cerebral Microbleeds on Susceptibility-Weighted Magnetic Resonance Imaging and Post-Thrombolysis Bleeding Risk in 392 Patients. <i>Stroke</i> , 2014, 45, 1684-1688.	1.0	55
93	Ultrasound Diagnosis of Spontaneous Carotid Dissection With Isolated Horner Syndrome. <i>Stroke</i> , 2008, 39, 82-86.	1.0	54
94	Safety and Efficacy of Intra-arterial Urokinase After Failed, Unsuccessful, or Incomplete Mechanical Thrombectomy in Anterior Circulation Large-Vessel Occlusion Stroke. <i>JAMA Neurology</i> , 2020, 77, 318.	4.5	53
95	Recanalization and Outcome After Intra-Arterial Thrombolysis in Middle Cerebral Artery and Internal Carotid Artery Occlusion. <i>Stroke</i> , 2007, 38, 1281-1285.	1.0	51
96	The Risk of Paradoxical Embolism (RoPE) Study: Initial Description of the Completed Database. <i>International Journal of Stroke</i> , 2013, 8, 612-619.	2.9	51
97	Management of spontaneous intracranial hypotension – Transorbital ultrasound as discriminator. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 650-655.	0.9	51
98	Prediction of Large Vessel Occlusions in Acute Stroke: National Institute of Health Stroke Scale Is Hard to Beat*. <i>Critical Care Medicine</i> , 2016, 44, e336-e343.	0.4	50
99	Adverse Effect of Early Epileptic Seizures in Patients Receiving Endovascular Therapy for Acute Stroke. <i>Stroke</i> , 2012, 43, 1584-1590.	1.0	48
100	Differences in Demographic Characteristics and Risk Factors in Patients With Spontaneous Vertebral Artery Dissections With and Without Ischemic Events. <i>Stroke</i> , 2010, 41, 802-804.	1.0	47
101	Follow-up Computed Tomography after Evacuation of Chronic Subdural Hematoma. <i>New England Journal of Medicine</i> , 2019, 380, 1186-1187.	13.9	46
102	Pooled Analysis of PFO Occluder Device Trials in Patients With PFO and Migraine. <i>Journal of the American College of Cardiology</i> , 2021, 77, 667-676.	1.2	46
103	Relevance of the cerebral collateral circulation in ischaemic stroke: time is brain, but collaterals set the pace. <i>Swiss Medical Weekly</i> , 2017, 147, w14538.	0.8	46
104	Low awareness of transient ischemic attacks and risk factors of stroke in a Swiss urban community. <i>Journal of Neurology</i> , 2007, 254, 179-184.	1.8	45
105	Limb Apraxia in Multiple Sclerosis: Prevalence and Impact on Manual Dexterity and Activities of Daily Living. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 1081-1085.	0.5	44
106	Impact of atrial fibrillation on clinical outcomes among patients with coronary artery disease undergoing revascularisation with drug-eluting stents. <i>EuroIntervention</i> , 2013, 8, 1061-1071.	1.4	43
107	Duplex sonographic criteria for measuring carotid stenoses. <i>Journal of Clinical Ultrasound</i> , 2002, 30, 275-281.	0.4	41
108	Validation of the DRAGON Score in 12 Stroke Centers in Anterior and Posterior Circulation. <i>Stroke</i> , 2013, 44, 2718-2721.	1.0	41

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109	Risk of Paradoxical Embolism (RoPE)â€“Estimated Attributable Fraction Correlates With the Benefit of Patent Foramen Ovale Closure. <i>Stroke</i> , 2020, 51, 3119-3123.	1.0	41
110	Outcome of Standard and High-Risk Patients With Acute Anterior Circulation Stroke After Stent Retriever Thrombectomy. <i>Stroke</i> , 2014, 45, 152-158.	1.0	40
111	Long-Term Outcome after Stroke due to Atrial Fibrillation. <i>Cerebrovascular Diseases</i> , 2003, 16, 3-8.	0.8	39
112	Diffusion-Weighted MRI Helps Predict Outcome in Basilar Artery Occlusion Patients Treated with Intra-Arterial Thrombolysis. <i>Cerebrovascular Diseases</i> , 2011, 32, 393-400.	0.8	39
113	Heart rate is a prognostic risk factor for myocardial infarction: A post hoc analysis in the PERFORM (Prevention of cerebrovascular and cardiovascular Events of ischemic origin with teRutroban in) Tj ETQq1 1 0.784314 rgBT /Overlock 10 International Journal of Cardiology, 2013, 168, 3500-3505.	0.8	39
114	Home-based training to improve manual dexterity in patients with multiple sclerosis: A randomized controlled trial. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1546-1556.	1.4	39
115	The Swiss Multiple Sclerosis Cohort-Study (SMSC): A Prospective Swiss Wide Investigation of Key Phases in Disease Evolution and New Treatment Options. <i>PLoS ONE</i> , 2016, 11, e0152347.	1.1	38
116	Protected stent retriever thrombectomy prevents iatrogenic emboli in new vascular territories. <i>Neuroradiology</i> , 2015, 57, 1045-1054.	1.1	37
117	Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2021, 20, 294-303.	4.9	37
118	Long-Term Effect of Intra-Arterial Thrombolysis in Stroke. <i>Stroke</i> , 2006, 37, 3002-3007.	1.0	35
119	Relationship Between Onset-to-Door Time and Door-to-Thrombolysis Time. <i>Stroke</i> , 2013, 44, 2808-2813.	1.0	35
120	Copeptin for the Prediction of Recurrent Cerebrovascular Events After Transient Ischemic Attack. <i>Stroke</i> , 2014, 45, 2918-2923.	1.0	35
121	Implantation of a second closure device in patients with residual shunt after percutaneous closure of patent foramen ovale. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 63, 490-495.	0.7	34
122	Impact of Anesthesia on the Outcome of Acute Ischemic Stroke after Endovascular Treatment with the Solitaire Stent Retriever. <i>American Journal of Neuroradiology</i> , 2017, 38, 1362-1367.	1.2	34
123	Intracranial Hemorrhage, Outcome, and Mortality After Intra-Arterial Therapy for Acute Ischemic Stroke in Patients Under Oral Anticoagulants. <i>Stroke</i> , 2011, 42, 3061-3066.	1.0	33
124	Dilemmas in the management of patients with arteriovenous malformations. <i>Journal of Neurology</i> , 2000, 247, 917-928.	1.8	32
125	Intra-Arterial Thrombolysis for Acute Ischemic Stroke in Octogenarians. <i>Cerebrovascular Diseases</i> , 2012, 33, 116-122.	0.8	32
126	Impact of Thrombolysis on Stroke Outcome at 12 Months in a Population. <i>Stroke</i> , 2012, 43, 1039-1045.	1.0	31



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127	Cerebrospinal fluid outflow resistance as a diagnostic marker of spontaneous cerebrospinal fluid leakage. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 227-234.	0.9	31
128	Atorvastatin Added to Interferon Beta for Relapsing Multiple Sclerosis: 12-Month Treatment Extension of the Randomized Multicenter SWABIMS Trial. <i>PLoS ONE</i> , 2014, 9, e86663.	1.1	31
129	Intravenous Thrombolysis in Nonagenarians With Ischemic Stroke. <i>Stroke</i> , 2011, 42, 1967-1970.	1.0	30
130	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. <i>JAMA Neurology</i> , 2021, 78, 709.	4.5	30
131	Safety and feasibility of percutaneous closure of patent foramen ovale without intra-procedural echocardiography in 825 patients. <i>Swiss Medical Weekly</i> , 2008, 138, 567-72.	0.8	30
132	Contrast-Enhanced 3-D MRA in Decision Making for Carotid Endarterectomy: A 6-Year Experience. <i>Cerebrovascular Diseases</i> , 2006, 21, 393-400.	0.8	28
133	Quality of Life in Stroke Survivors after Local Intra-Arterial Thrombolysis. <i>Cerebrovascular Diseases</i> , 2008, 25, 438-444.	0.8	28
134	Outcome of Acute Stroke Patients Without Visible Occlusion on Early Arteriography. <i>Stroke</i> , 2004, 35, 1135-1138.	1.0	26
135	Patent Foramen Ovale May Be Causal for the First Stroke but Unrelated to Subsequent Ischemic Events. <i>Stroke</i> , 2011, 42, 2891-2895.	1.0	26
136	Risk of very early recurrent cerebrovascular events in symptomatic carotid artery stenosis. <i>Journal of Neurosurgery</i> , 2013, 119, 1620-1626.	0.9	25
137	Coin Rotation Task: A Valid Test for Manual Dexterity in Multiple Sclerosis. <i>Physical Therapy</i> , 2014, 94, 1644-1651.	1.1	25
138	Association of anemia and hemoglobin decrease during acute stroke treatment with infarct growth and clinical outcome. <i>PLoS ONE</i> , 2018, 13, e0203535.	1.1	25
139	Effect of interferon- $\gamma$ and atorvastatin on Th1/Th2 cytokines in multiple sclerosis. <i>Neurochemistry International</i> , 2008, 53, 17-21.	1.9	24
140	Intra-arterial Thrombolysis of Acute Iatrogenic Intracranial Arterial Occlusion Attributable to Neuroendovascular Procedures or Coronary Angiography. <i>Stroke</i> , 2008, 39, 1491-1495.	1.0	24
141	European recommendations on organisation of interventional care in acute stroke (EROICAS). <i>European Stroke Journal</i> , 2016, 1, 155-170.	2.7	24
142	Sex differences in cryptogenic stroke with patent foramen ovale. <i>American Heart Journal</i> , 2008, 156, 461-465.	1.2	23
143	Quality of life in survivors after cervical artery dissection. <i>Journal of Neurology</i> , 2009, 256, 443-449.	1.8	23
144	Long-term outcome of symptomatic severe ostial vertebral artery stenosis (OVAS). <i>Neuroradiology</i> , 2010, 52, 371-379.	1.1	23

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145	Ultra-Early Intravenous Stroke Thrombolysis. <i>Stroke</i> , 2013, 44, 2913-2916.	1.0	23
146	Does Antiplatelet Therapy during Bridging Thrombolysis Increase Rates of Intracerebral Hemorrhage in Stroke Patients?. <i>PLoS ONE</i> , 2017, 12, e0170045.	1.1	23
147	Outcome of patients with large vessel occlusion in the anterior circulation and low NIHSS score. <i>Journal of Neurology</i> , 2020, 267, 1651-1662.	1.8	23
148	Percutaneous closure of patent foramen ovale for migraine headaches refractory to medical treatment. <i>Catheterization and Cardiovascular Interventions</i> , 2009, 74, 124-129.	0.7	22
149	Anticoagulation-Related Intracerebral Hemorrhage. <i>Cerebrovascular Diseases</i> , 1991, 1, 97-102.	0.8	21
150	Transcranial Color-Coded Duplex Sonography in Arterial Cerebrovascular Disease. <i>Cerebrovascular Diseases</i> , 1997, 7, 57-63.	0.8	21
151	Outcome after Thrombolysis for Acute Isolated Posterior Cerebral Artery Occlusion. <i>Cerebrovascular Diseases</i> , 2011, 32, 79-88.	0.8	21
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