Marc RibÃ³

List of Publications by Year
in descending order

298 papers	27,282 citations	17429 63 h-index	6831 155 g-index
303 all docs	303 docs citations	303 times ranked	16585 citing authors

#	Article	IF	Citations
1	Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. Lancet, The, 2016, 387, 1723-1731.	6.3	5,331
2	Thrombectomy within 8 Hours after Symptom Onset in Ischemic Stroke. New England Journal of Medicine, 2015, 372, 2296-2306.	13.9	4,059
3	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. New England Journal of Medicine, 2018, 378, 11-21.	13.9	3,936
4	Matrix Metalloproteinase-9 Pretreatment Level Predicts Intracranial Hemorrhagic Complications After Thrombolysis in Human Stroke. Circulation, 2003, 107, 598-603.	1.6	494
5	Microbubble Administration Accelerates Clot Lysis During Continuous 2-MHz Ultrasound Monitoring in Stroke Patients Treated With Intravenous Tissue Plasminogen Activator. Stroke, 2006, 37, 425-429.	1.0	431
6	Increased Brain Expression of Matrix Metalloproteinase-9 After Ischemic and Hemorrhagic Human Stroke. Stroke, 2006, 37, 1399-1406.	1.0	382
7	Tandem Internal Carotid Artery/Middle Cerebral Artery Occlusion. Stroke, 2006, 37, 2301-2305.	1.0	350
8	Etiologic Diagnosis of Ischemic Stroke Subtypes With Plasma Biomarkers. Stroke, 2008, 39, 2280-2287.	1.0	264
9	MRI-Based and CT-Based Thrombolytic Therapy in Acute Stroke Within and Beyond Established Time Windows. Stroke, 2007, 38, 2640-2645.	1.0	249
10	Effects of Admission Hyperglycemia on Stroke Outcome in Reperfused Tissue Plasminogen Activatorâ€“Treated Patients. Stroke, 2003, 34, 1235-1240.	1.0	235
11	Patterns and Predictors of Early Risk of Recurrence After Transient Ischemic Attack With Respect to Etiologic Subtypes. Stroke, 2007, 38, 3225-3229.	1.0	204
12	Temporal Profile of Matrix Metalloproteinases and Their Inhibitors After Spontaneous Intracerebral Hemorrhage. Stroke, 2004, 35, 1316-1322.	1.0	199
13	Predictors of Early Arterial Reocclusion After Tissue Plasminogen Activator-Induced Recanalization in Acute Ischemic Stroke. Stroke, 2005, 36, 1452-1456.	1.0	199
14	Acute Hyperglycemia State Is Associated With Lower tPA-Induced Recanalization Rates in Stroke Patients. Stroke, 2005, 36, 1705-1709.	1.0	198
15	Safety and Efficacy of Ultrasound-Enhanced Thrombolysis. Stroke, 2010, 41, 280-287.	1.0	190
16	Management of acute ischemic stroke in patients with COVID-19 infection: Report of an international panel. International Journal of Stroke, 2020, 15, 540-554.	2.9	179
17	Differential Pattern of Tissue Plasminogen Activatorâ€“Induced Proximal Middle Cerebral Artery Recanalization Among Stroke Subtypes. Stroke, 2004, 35, 486-490.	1.0	178
18	Impact of Onset-to-Reperfusion Time on Stroke Mortality. Circulation, 2013, 127, 1980-1985.	1.6	178

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19	Diffusion-weighted imaging or computerized tomography perfusion assessment with clinical mismatch in the triage of wake up and late presenting strokes undergoing neurointervention with Trevo (DAWN) trial methods. International Journal of Stroke, 2017, 12, 641-652.	2.9	168
20	A Pilot Randomized Clinical Safety Study of Sonothrombolysis Augmentation With Ultrasound-Activated Perflutren-Lipid Microspheres for Acute Ischemic Stroke. Stroke, 2008, 39, 1464-1469.	1.0	158
21	Clinical Deterioration After Intravenous Recombinant Tissue Plasminogen Activator Treatment. Stroke, 2007, 38, 69-74.	1.0	152
22	Recanalization and Clinical Outcome of Occlusion Sites at Baseline CT Angiography in the Interventional Management of Stroke III Trial. Radiology, 2014, 273, 202-210.	3.6	141
23	Impact of Admission Hyperglycemia on Stroke Outcome After Thrombolysis. Stroke, 2004, 35, 2493-2498.	1.0	138
24	Noncontrast Computed Tomography vs Computed Tomography Perfusion or Magnetic Resonance Imaging Selection in Late Presentation of Stroke With Large-Vessel Occlusion. JAMA Neurology, 2022, 79, 22.	4.5	137
25	Association of Time From Stroke Onset to Groin Puncture With Quality of Reperfusion After Mechanical Thrombectomy. JAMA Neurology, 2019, 76, 405.	4.5	133
26	Carotid Stenting With Antithrombotic Agents and Intracranial Thrombectomy Leads to the Highest Recanalization Rate in Patients With Acute Stroke With Tandem Lesions. JACC: Cardiovascular Interventions, 2018, 11, 1290-1299.	1.1	129
27	Safety and Efficacy of Intravenous Tissue Plasminogen Activator Stroke Treatment in the 3- to 6-Hour Window Using Multimodal Transcranial Doppler/MRI Selection Protocol. Stroke, 2005, 36, 602-606.	1.0	128
28	Admission CT perfusion may overestimate initial infarct core: the ghost infarct core concept. Journal of NeuroInterventional Surgery, 2017, 9, 66-69.	2.0	126
29	Difficult catheter access to the occluded vessel during endovascular treatment of acute ischemic stroke is associated with worse clinical outcome. Journal of NeuroInterventional Surgery, 2013, 5, i70-i73.	2.0	121
30	Temporal Profile of Recanalization After Intravenous Tissue Plasminogen Activator. Stroke, 2006, 37, 1000-1004.	1.0	119
31	Plasmatic Level of Neuroinflammatory Markers Predict the Extent of Diffusion-Weighted Image Lesions in Hyperacute Stroke. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 1403-1407.	2.4	116
32	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
33	Cerebrovascular events and outcomes in hospitalized patients with COVID-19: The SVIN COVID-19 Multinational Registry. International Journal of Stroke, 2021, 16, 437-447.	2.9	114
34	Association Between Time to Reperfusion and Outcome Is Primarily Driven by the Time From Imaging to Reperfusion. Stroke, 2016, 47, 999-1004.	1.0	113
35	Engineering ribonuclease A: production, purification and characterization of wild-type enzyme and mutants at Gln11. Protein Engineering, Design and Selection, 1995, 8, 261-273.	1.0	112
36	Admission Fibrinolytic Profile Is Associated With Symptomatic Hemorrhagic Transformation in Stroke Patients Treated With Tissue Plasminogen Activator. Stroke, 2004, 35, 2123-2127.	1.0	111

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37	Mechanical thrombectomy for basilar artery occlusion: efficacy, outcomes, and futile recanalization in comparison with the anterior circulation. Journal of NeuroInterventional Surgery, 2019, 11, 1174-1180.	2.0	106
38	A large screening of angiogenesis biomarkers and their association with neurological outcome after ischemic stroke. Atherosclerosis, 2011, 216, 205-211.	0.4	103
39	Hyperglycemia during Ischemia Rapidly Accelerates Brain Damage in Stroke Patients Treated with tPA. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1616-1622.	2.4	101
40	Safety and feasibility of a novel transcervical access neuroprotection system for carotid artery stenting in the PROOF Study. Journal of Vascular Surgery, 2011, 54, 1317-1323.	0.6	101
41	Endovascular Thrombectomy for Mild Strokes: How Low Should We Go?. Stroke, 2018, 49, 2398-2405.	1.0	100
42	Mechanical Thrombectomy in Ischemic Stroke Patients With Alberta Stroke Program Early Computed Tomography Score 0â€“5. Stroke, 2019, 50, 880-888.	1.0	100
43	When to Stop. Stroke, 2019, 50, 1781-1788.	1.0	97
44	Thrombin-Activable Fibrinolysis Inhibitor Levels in the Acute Phase of Ischemic Stroke. Stroke, 2003, 34, 1038-1040.	1.0	96
45	Ischemic stroke outcome: A review of the influence of post-stroke complications within the different scenarios of stroke care. European Journal of Internal Medicine, 2016, 29, 9-21.	1.0	94
46	Extending the Time Window for Endovascular Procedures According to Collateral Pial Circulation. Stroke, 2011, 42, 3465-3469.	1.0	93
47	Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. Journal of NeuroInterventional Surgery, 2018, 10, 1137-1142.	2.0	93
48	Poststroke C-Reactive Protein Is a Powerful Prognostic Tool Among Candidates for Thrombolysis. Stroke, 2006, 37, 1205-1210.	1.0	90
49	Progression of Symptomatic Intracranial Large Artery Atherosclerosis Is Associated With a Proinflammatory State and Impaired Fibrinolysis. Stroke, 2008, 39, 1456-1463.	1.0	89
50	Direct Transfer to Angio-Suite to Reduce Workflow Times and Increase Favorable Clinical Outcome. Stroke, 2018, 49, 2723-2727.	1.0	84
51	Oxidative Stress After Thrombolysis-Induced Reperfusion in Human Stroke. Stroke, 2010, 41, 653-660.	1.0	83
52	Pressure versus Heat-Induced Unfolding of Ribonuclease A:Â The Case of Hydrophobic Interactions within a Chain-Folding Initiation Siteâ€. Biochemistry, 1999, 38, 15952-15961.	1.2	80
53	Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. JAMA Neurology, 2019, 76, 194.	4.5	77
54	Prior Statin Use May Be Associated With Improved Stroke Outcome After Tissue Plasminogen Activator. Stroke, 2007, 38, 1076-1078.	1.0	75

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55	Safety and efficacy of thrombectomy in acute ischaemic stroke (REVASCAT): 1-year follow-up of a randomised open-label trial. Lancet Neurology, The, 2017, 16, 369-376.	4.9	74
56	Direct transfer to angiosuite to reduce door-to-puncture time in thrombectomy for acute stroke. Journal of NeuroInterventional Surgery, 2018, 10, 221-224.	2.0	72
57	Long-Term Treatment with Citicoline May Improve Poststroke Vascular Cognitive Impairment. Cerebrovascular Diseases, 2013, 35, 146-154.	0.8	70
58	On the track of antitumour ribonucleases. Molecular BioSystems, 2005, 1, 294.	2.9	69
59	Activation of Protein Splicing by Proteaseâ€•or Lightâ€Triggered O to N Acyl Migration. Angewandte Chemie - International Edition, 2008, 47, 7764-7767.	7.2	69
60	NMR Spectroscopy Reveals that RNase A is Chiefly Denatured in 40% Acetic Acid: Implications for Oligomer Formation by 3D Domain Swapping. Journal of the American Chemical Society, 2010, 132, 1621-1630.	6.6	69
61	Mobilization, endothelial differentiation and functional capacity of endothelial progenitor cells after ischemic stroke. Microvascular Research, 2010, 80, 317-323.	1.1	69
62	Ghost Infarct Core and Admission Computed Tomography Perfusion: Redefining the Role of Neuroimaging in Acute Ischemic Stroke. Interventional Neurology, 2018, 7, 513-521.	1.8	69
63	Differentiating ischemic from hemorrhagic stroke using plasma biomarkers: The S100B/RAGE pathway. Journal of Proteomics, 2012, 75, 4758-4765.	1.2	68
64	Plasma VAP-1/SSAO Activity Predicts Intracranial Hemorrhages and Adverse Neurological Outcome After Tissue Plasminogen Activator Treatment in Stroke. Stroke, 2010, 41, 1528-1535.	1.0	66
65	Direct to Angiography Suite Without Stopping for Computed Tomography Imaging for Patients With Acute Stroke. JAMA Neurology, 2021, 78, 1099.	4.5	65
66	Bridging Intravenousâ€“Intra-Arterial Rescue Strategy Increases Recanalization and the Likelihood of a Good Outcome in Nonresponder Intravenous Tissue Plasminogen Activator-Treated Patients. Stroke, 2011, 42, 993-997.	1.0	64
67	Transfer to the Local Stroke Center versus Direct Transfer to Endovascular Center of Acute Stroke Patients with Suspected Large Vessel Occlusion in the Catalan Territory (RACECAT): Study protocol of a cluster randomized within a cohort trial. International Journal of Stroke, 2019, 14, 734-744.	2.9	63
68	Transcervical access in acute ischemic stroke. Journal of NeuroInterventional Surgery, 2014, 6, 652-657.	2.0	61
69	Left Atria Strain Is a Surrogate Marker for Detection of Atrial Fibrillation in Cryptogenic Strokes. Stroke, 2014, 45, e164-6.	1.0	61
70	Safety Profile of Tissue Plasminogen Activator Treatment Among Stroke Patients Carrying a Common Polymorphism (C-1562T) in the Promoter Region of the Matrix Metalloproteinase-9 Gene. Stroke, 2003, 34, 2851-2855.	1.0	60
71	Brain Perihematoma Genomic Profile Following Spontaneous Human Intracerebral Hemorrhage. PLoS ONE, 2011, 6, e16750.	1.1	60
72	Serum Low-Density Lipoprotein Cholesterol Level Predicts Hematoma Growth and Clinical Outcome After Acute Intracerebral Hemorrhage. Stroke, 2011, 42, 2447-2452.	1.0	60

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73	Outcomes of a Contemporary Cohort of 536 Consecutive Patients With Acute Ischemic Stroke Treated With Endovascular Therapy. Stroke, 2014, 45, 1046-1052.	1.0	60
74	Doorâ€toâ€Puncture: A Practical Metric for Capturing and Enhancing System Processes Associated With Endovascular Stroke Care, Preliminary Results From the Rapid Reperfusion Registry. Journal of the American Heart Association, 2014, 3, e000859.	1.6	60
75	Baseline National Institutes of Health Stroke Scaleâ€“Adjusted Time Window for Intravenous Tissue-Type Plasminogen Activator in Acute Ischemic Stroke. Stroke, 2014, 45, 1059-1063.	1.0	58
76	Combination of Thrombolysis and Statins in Acute Stroke Is Safe. Stroke, 2016, 47, 2870-2873.	1.0	58
77	A Nuclear Localization Sequence Endows Human Pancreatic Ribonuclease with Cytotoxic Activityâ€. Biochemistry, 2004, 43, 2167-2177.	1.2	55
78	Intracellular pathway of Onconase that enables its delivery to the cytosol. Journal of Cell Science, 2007, 120, 1405-1411.	1.2	55
79	Transcranial Duplex Sonography for Monitoring Hyperacute Intracerebral Hemorrhage. Stroke, 2009, 40, 987-990.	1.0	55
80	Endovascular treatment for M2 occlusions in the era of stentrievers: a descriptive multicenter experience. Journal of NeuroInterventional Surgery, 2015, 7, 234-237.	2.0	55
81	Association of a Genetic Variant in the <i>ALOX5AP</i> with Higher Risk of Ischemic Stroke: A Case-Control, Meta-Analysis and Functional Study. Cerebrovascular Diseases, 2010, 29, 528-537.	0.8	54
82	Medical and Endovascular Treatment of Patients with Large Vessel Occlusion Presenting with Mild Symptoms: An Observational Multicenter Study. Cerebrovascular Diseases, 2014, 38, 418-424.	0.8	54
83	Emergent Carotid Stenting Plus Thrombectomy After Thrombolysis in Tandem Strokes. Stroke, 2019, 50, 2250-2252.	1.0	54
84	Do Bubble Characteristics Affect Recanalization in Stroke Patients Treated with Microbubble-Enhanced Sonothrombolysis?. Ultrasound in Medicine and Biology, 2008, 34, 1573-1577.	0.7	53
85	Thrombectomy in Acute Stroke With Tandem Occlusions From Dissection Versus Atherosclerotic Cause. Stroke, 2017, 48, 3145-3148.	1.0	53
86	Angiogenesis in Symptomatic Intracranial Atherosclerosis. Stroke, 2005, 36, 92-97.	1.0	52
87	Real-time Validation of Transcranial Doppler Criteria in Assessing Recanalization During Intra-arterial Procedures for Acute Ischemic Stroke An International, Multicenter Study. Stroke, 2013, 44, 394-400.	1.0	52
88	Transcranial Doppler Monitoring of Transcervical Carotid Stenting With Flow Reversal Protection. Stroke, 2006, 37, 2846-2849.	1.0	50
89	Poor Collateral Circulation Assessed by Multiphase Computed Tomographic Angiography Predicts Malignant Middle Cerebral Artery Evolution After Reperfusion Therapies. Stroke, 2015, 46, 3149-3153.	1.0	50
90	Pittsburgh Response to Endovascular therapy (PRE) score: optimizing patient selection for endovascular therapy for large vessel occlusion strokes. Journal of NeuroInterventional Surgery, 2015, 7, 783-788.	2.0	49

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91	PATJ Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. Circulation Research, 2019, 124, 114-120.	2.0	49
92	Access to Endovascular Treatment in Remote Areas. Stroke, 2016, 47, 1381-1384.	1.0	48
93	Usefulness of ADAMTS13 to predict response to recanalization therapies in acute ischemic stroke. Neurology, 2018, 90, e995-e1004.	1.5	48
94	Revalidation of the RACE scale after its regional implementation in Catalonia: a triage tool for large vessel occlusion. Journal of NeuroInterventional Surgery, 2019, 11, 751-756.	2.0	48
95	Endovascular Therapy of Anterior Circulation Tandem Occlusions. Stroke, 2021, 52, 3097-3105.	1.0	48
96	Pressure versus temperature unfolding of ribonuclease A: An FTIR spectroscopic characterization of 10 variants at the carboxy-terminal site. Protein Science, 2001, 10, 725-734.	3.1	47
97	Deep Learning Based Software to Identify Large Vessel Occlusion on Noncontrast Computed Tomography. Stroke, 2020, 51, 3133-3137.	1.0	47
98	Stroke etiologies in patients with COVID-19: the SVIN COVID-19 multinational registry. BMC Neurology, 2021, 21, 43.	0.8	47
99	Speed of tPA-Induced Clot Lysis Predicts DWI Lesion Evolution in Acute Stroke. Stroke, 2007, 38, 955-960.	1.0	46
100	Yield of atrial fibrillation detection with Textile Wearable Holter from the acute phase of stroke: Pilot study of Crypto-AF registry. International Journal of Cardiology, 2018, 251, 45-50.	0.8	46
101	Impact of Antiplatelet Therapy During Endovascular Therapy for Tandem Occlusions. Stroke, 2020, 51, 1522-1529.	1.0	46
102	The Structure of an Engineered Domain-Swapped Ribonuclease Dimer and Its Implications for the Evolution of Proteins toward Oligomerization. Structure, 2001, 9, 967-976.	1.6	45
103	Computed Tomography Perfusion After Thrombectomy. Stroke, 2020, 51, 1736-1742.	1.0	45
104	Impact of a telemedicine system on acute stroke care in a community hospital. Journal of Telemedicine and Telecare, 2009, 15, 260-263.	1.4	44
105	The Proteome of Human Brain After Ischemic Stroke. Journal of Neuropathology and Experimental Neurology, 2010, 69, 1105-1115.	0.9	43
106	Age-adjusted infarct volume threshold for good outcome after endovascular treatment. Journal of NeuroInterventional Surgery, 2014, 6, 418-422.	2.0	43
107	Latest advances in intracerebral hemorrhage. Current Neurology and Neuroscience Reports, 2006, 6, 17-22.	2.0	42
108	Endovascular Treatment of Acute Stroke. Stroke, 2019, 50, 2612-2618.	1.0	42

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109	Baseline ASPECTS and eâ€ASPECTS Correlation with Infarct Volume and Functional Outcome in Patients Undergoing Mechanical Thrombectomy. Journal of Neuroimaging, 2019, 29, 198-202.	1.0	42
110	Assessment of Optimal Patient Selection for Endovascular Thrombectomy Beyond 6 Hours After Symptom Onset. JAMA Neurology, 2021, 78, 1064.	4.5	42
111	VAP-1/SSAO Plasma Activity and Brain Expression in Human Hemorrhagic Stroke. Cerebrovascular Diseases, 2012, 33, 55-63.	0.8	41
112	Mechanical Thrombectomy in and Outside the REVASCAT Trial. Stroke, 2015, 46, 3437-3442.	1.0	41
113	Detection of Reversed Basilar Flow With Power-Motion Doppler After Acute Occlusion Predicts Favorable Outcome. Stroke, 2004, 35, 79-82.	1.0	40
114	Is it Time to Reassess the SITS-MOST Criteria for Thrombolysis?. Stroke, 2009, 40, 2568-2571.	1.0	40
115	A human ribonuclease induces apoptosis associated with p21WAF1/CIP1induction and JNK inactivation. BMC Cancer, 2011, 11, 9.	1.1	40
116	Trevo versus Solitaire a Headâ€toâ€Head Comparison Between Two Heavy Weights of Clot Retrieval. Journal of Neuroimaging, 2014, 24, 167-170.	1.0	40
117	COVID-19 and Stroke: Incidence and Etiological Description in a High-Volume Center. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105225.	0.7	40
118	Management of acute ischemic stroke in patients with COVID-19 infection: Insights from an international panel. American Journal of Emergency Medicine, 2020, 38, 1548.e5-1548.e7.	0.7	40
119	A predictive clinicalâ€“genetic model of tissue plasminogen activator response in acute ischemic stroke. Annals of Neurology, 2012, 72, 716-729.	2.8	39
120	Ischemic Core Overestimation on Computed Tomography Perfusion. Stroke, 2021, 52, 1751-1760.	1.0	39
121	Transcervical carotid stenting with flow reversal protection: Experience in high-risk patients. Journal of Vascular Surgery, 2007, 46, 49-54.	0.6	38
122	Thrombolysis in Anterior Versus Posterior Circulation Strokes: Timing of Recanalization, Ischemic Tolerance, and Other Differences. , 2011, 21, 108-112.		38
123	Stroke Patients With Cardiac Atrial Septal Abnormalities: Differential Infarct Patterns on DWI. Journal of Neuroimaging, 2006, 16, 334-340.	1.0	37
124	Transcervical carotid stenting with flow reversal is a safe technique for high-risk patients older than 70 years. Journal of Vascular Surgery, 2012, 55, 978-984.	0.6	37
125	Accuracy of Serial National Institutes of Health Stroke Scale Scores to Identify Artery Status in Acute Ischemic Stroke. Circulation, 2007, 115, 2660-2665.	1.6	36
126	Intraâ€arterial Administration of Microbubbles and Continuous 2â€MHz Ultrasound Insonation to Enhance Intraâ€arterial Thrombolysis. Journal of Neuroimaging, 2010, 20, 224-227.	1.0	36

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127	Therapeutic Interventions and Success in Risk Factor Control for Secondary Prevention of Stroke. Journal of Stroke and Cerebrovascular Diseases, 2009, 18, 460-465.	0.7	36
128	Lipoprotein-Associated Phospholipase A₂ Activity Is Associated with Large-Artery Atherosclerotic Etiology and Recurrent Stroke in TIA Patients. Cerebrovascular Diseases, 2012, 33, 150-158.	0.8	36
129	Early Neurological Change After Ischemic Stroke Is Associated With 90-Day Outcome. Stroke, 2021, 52, 132-141.	1.0	36
130	Impact of Telemedicine on Acute Management of Stroke Patients Undergoing Endovascular Procedures. Cerebrovascular Diseases, 2012, 34, 436-442.	0.8	35
131	Carbodiimide EDC Induces Cross-Links That Stabilize RNase A C-Dimer against Dissociation: EDC Adducts Can Affect Protein Net Charge, Conformation, and Activity. Bioconjugate Chemistry, 2009, 20, 1459-1473.	1.8	34
132	Blood Biomarkers to Differentiate Ischemic and Hemorrhagic Strokes. Neurology, 2021, 96, e1928-e1939.	1.5	34
133	Timing of Recanalization After Microbubble-Enhanced Intravenous Thrombolysis in Basilar Artery Occlusion. Stroke, 2007, 38, 2931-2934.	1.0	33
134	Perfusion Augmentation in Acute Stroke Using Mechanical Counter-Pulsationâ€“Phase IIa. Stroke, 2008, 39, 2760-2764.	1.0	33
135	Direct to Angiography vs Repeated Imaging Approaches in Transferred Patients Undergoing Endovascular Thrombectomy. JAMA Neurology, 2021, 78, 916.	4.5	33
136	Transcervical carotid stenting with flow reversal is safe in octogenarians: A preliminary safety study. Journal of Vascular Surgery, 2008, 47, 96-100.	0.6	31
137	Predictors of Tissue-Type Plasminogen Activator Nonresponders According to Location of Vessel Occlusion. Stroke, 2012, 43, 417-421.	1.0	31
138	Maximal Admission Core Lesion Compatible With Favorable Outcome in Acute Stroke Patients Undergoing Endovascular Procedures. Stroke, 2015, 46, 2849-2852.	1.0	31
139	Farmalarm. Stroke, 2019, 50, 1819-1824.	1.0	31
140	Three-dimensional structure of a human pancreatic ribonuclease variant, a step forward in the design of cytotoxic ribonucleases. Journal of Molecular Biology, 2000, 303, 49-59.	2.0	30
141	Multiphase CT Angiography Improves Prediction of Intracerebral Hemorrhage Expansion. Radiology, 2017, 285, 932-940.	3.6	30
142	Emergent Carotid Stenting After Thrombectomy in Patients With Tandem Lesions. Stroke, 2017, 48, 1126-1128.	1.0	29
143	Geographic Differences in Acute Stroke Care in Catalunya: Impact of a Regional Interhospital Network. Cerebrovascular Diseases, 2008, 26, 284-288.	0.8	28
144	IL1BandVWFVariants Are Associated With Fibrinolytic Early Recanalization in Patients With Ischemic Stroke. Stroke, 2012, 43, 2659-2665.	1.0	28

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145	Purification of Engineered Human Pancreatic Ribonuclease. Methods in Enzymology, 2001, 341, 221-234.	0.4	27
146	Formation, Structure, and Dissociation of the Ribonuclease S Three-dimensional Domain-swapped Dimer .. Journal of Biological Chemistry, 2006, 281, 9400-9406.	1.6	26
147	Telemedicine-Guided Carotid and Transcranial Ultrasound. Stroke, 2006, 37, 229-230.	1.0	25
148	Pressure as a tool to study protein-unfolding/refolding processes: The case of ribonuclease A. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 461-469.	1.1	25
149	Trevo System: Singleâ€Center Experience with a Novel Mechanical Thrombectomy Device. Journal of Neuroimaging, 2013, 23, 7-11.	1.0	25
150	Circulating cell-free DNA is a predictor of short-term neurological outcome in stroke patients treated with intravenous thrombolysis. Journal of Circulating Biomarkers, 2016, 5, 184945441666879.	0.8	25
151	Effect of extracranial lesion severity on outcome of endovascular thrombectomy in patients with anterior circulation tandem occlusion: analysis of the TITAN registry. Journal of NeuroInterventional Surgery, 2019, 11, 970-974.	2.0	25
152	European Multicenter Study of ET-COVID-19. Stroke, 2021, 52, 31-39.	1.0	25
153	Endovascular therapy with or without intravenous thrombolysis in acute stroke with tandem occlusion. Journal of NeuroInterventional Surgery, 2022, 14, 314-320.	2.0	25
154	Pressure-Jump-Induced Kinetics Reveals a Hydration Dependent Folding/Unfolding Mechanism of Ribonuclease A. Biophysical Journal, 2006, 91, 2264-2274.	0.2	24
155	Lipoprotein-associated phospholipase A2 testing usefulness among patients with symptomatic intracranial atherosclerotic disease. Atherosclerosis, 2011, 218, 181-187.	0.4	24
156	Benefit of endovascular thrombectomy for M2 middle cerebral artery occlusion in the ARISE II study. Journal of NeuroInterventional Surgery, 2021, 13, 779-783.	2.0	24
157	ACE gene polymorphisms influence t-PA-induced brain vessel reopening following ischemic stroke. Neuroscience Letters, 2006, 398, 167-171.	1.0	23
158	Endogenous Activated Protein C Predicts Hemorrhagic Transformation and Mortality after Tissue Plasminogen Activator Treatment in Stroke Patients. Cerebrovascular Diseases, 2009, 28, 143-150.	0.8	23
159	Crowding agents and osmolytes provide insight into the formation and dissociation of RNase A oligomers. Archives of Biochemistry and Biophysics, 2011, 506, 123-129.	1.4	23
160	GRECOS Project (Genotyping Recurrence Risk of Stroke). Stroke, 2017, 48, 1147-1153.	1.0	23
161	Prehospital Systolic Blood Pressure Is Related to Intracerebral Hemorrhage Volume on Admission. Stroke, 2018, 49, 204-206.	1.0	23
162	Association of statin pretreatment with collateral circulation and final infarct volume in acute ischemic stroke patients: A meta-analysis. Atherosclerosis, 2019, 282, 75-79.	0.4	23

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163	Production of Engineered Human Pancreatic Ribonucleases, Solving Expression and Purification Problems, and Enhancing Thermostability. Protein Expression and Purification, 1999, 17, 169-181.	0.6	22
164	A Cytotoxic Ribonuclease Variant with a Discontinuous Nuclear Localization Signal Constituted by Basic Residues Scattered Over Three Areas of the Molecule. Journal of Molecular Biology, 2006, 360, 548-557.	2.0	22
165	The use of pressure-jump relaxation kinetics to study protein folding landscapes. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 489-496.	1.1	22
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