James C Grotta

List of Publications by Year in descending order

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430 papers 36,263 citations

100 h-index 3915

g-index

441 all docs

441 docs citations

times ranked

441

20718 citing authors

#	Article	IF	CITATIONS
1	Association of outcome with early stroke treatment: pooled analysis of ATLANTIS, ECASS, and NINDS rt-PA stroke trials. Lancet, The, 2004, 363, 768-774.	13.7	2,316
2	Effect of treatment delay, age, and stroke severity on the effects of intravenous thrombolysis with alteplase for acute ischaemic stroke: a meta-analysis of individual patient data from randomised trials. Lancet, The, 2014, 384, 1929-1935.	13.7	1,971
3	Time to treatment with intravenous alteplase and outcome in stroke: an updated pooled analysis of ECASS, ATLANTIS, NINDS, and EPITHET trials. Lancet, The, 2010, 375, 1695-1703.	13.7	1,871
4	Ultrasound-Enhanced Systemic Thrombolysis for Acute Ischemic Stroke. New England Journal of Medicine, 2004, 351, 2170-2178.	27.0	1,006
5	Guidelines for the Management of Spontaneous Intracerebral Hemorrhage. Stroke, 1999, 30, 905-915.	2.0	778
6	NXY-059 for the Treatment of Acute Ischemic Stroke. New England Journal of Medicine, 2007, 357, 562-571.	27.0	664
7	Combined Intravenous and Intra-Arterial r-TPA Versus Intra-Arterial Therapy of Acute Ischemic Stroke. Stroke, 1999, 30, 2598-2605.	2.0	636
8	NXY-059 for Acute Ischemic Stroke. New England Journal of Medicine, 2006, 354, 588-600.	27.0	632
9	Scientific Rationale for the Inclusion and Exclusion Criteria for Intravenous Alteplase in Acute Ischemic Stroke. Stroke, 2016, 47, 581-641.	2.0	539
10	Mutations in Smooth Muscle Alpha-Actin (ACTA2) Cause Coronary Artery Disease, Stroke, and Moyamoya Disease, Along with Thoracic Aortic Disease. American Journal of Human Genetics, 2009, 84, 617-627.	6.2	466
11	Arterial reocclusion in stroke patients treated with intravenous tissue plasminogen activator. Neurology, 2002, 59, 862-867.	1.1	429
12	Guidelines for Thrombolytic Therapy for Acute Stroke: A Supplement to the Guidelines for the Management of Patients With Acute Ischemic Stroke. Circulation, 1996, 94, 1167-1174.	1.6	429
13	Serum Glucose Level and Diabetes Predict Tissue Plasminogen Activator–Related Intracerebral Hemorrhage in Acute Ischemic Stroke. Stroke, 1999, 30, 34-39.	2.0	355
14	Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke. Stroke, 1998, 29, 18-22.	2.0	349
15	Reperfusion Injury: Demonstration of Brain Damage Produced by Reperfusion after Transient Focal Ischemia in Rats. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 1048-1056.	4.3	342
16	High Rate of Complete Recanalization and Dramatic Clinical Recovery During tPA Infusion When Continuously Monitored With 2-MHz Transcranial Doppler Monitoring. Stroke, 2000, 31, 610-614.	2.0	338
17	Intravenous Thrombolysis Plus Hypothermia for Acute Treatment of Ischemic Stroke (ICTuS-L). Stroke, 2010, 41, 2265-2270.	2.0	324
18	Hematoma resolution as a target for intracerebral hemorrhage treatment: Role for peroxisome proliferatorâ€activated receptor γ in microglia/macrophages. Annals of Neurology, 2007, 61, 352-362.	5.3	319

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19	Clinical Features of Moyamoya Disease in the United States. Stroke, 1998, 29, 1347-1351.	2.0	295
20	Agreement and Variability in the Interpretation of Early CT Changes in Stroke Patients Qualifying for Intravenous rtPA Therapy. Stroke, 1999, 30, 1528-1533.	2.0	285
21	Speed of Intracranial Clot Lysis With Intravenous Tissue Plasminogen Activator Therapy. Circulation, 2001, 103, 2897-2902.	1.6	274
22	Intravenous autologous bone marrow mononuclear cells for ischemic stroke. Annals of Neurology, 2011, 70, 59-69.	5.3	259
23	Timing of Recanalization After Tissue Plasminogen Activator Therapy Determined by Transcranial Doppler Correlates With Clinical Recovery From Ischemic Stroke. Stroke, 2000, 31, 1812-1816.	2.0	241
24	Improving Delivery of Acute Stroke Therapy. Stroke, 2002, 33, 160-166.	2.0	232
25	Streamlining of prehospital stroke management: the golden hour. Lancet Neurology, The, 2013, 12, 585-596.	10.2	229
26	Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. Lancet Neurology, The, 2018, 17, 885-894.	10.2	229
27	A prospective, multicenter pilot study to evaluate the feasibility and safety of using the CoolGardâ,, System and Icyâ,, catheter following cardiac arrest. Resuscitation, 2004, 62, 143-150.	3.0	228
28	Transcranial Doppler Ultrasound Criteria for Recanalization After Thrombolysis for Middle Cerebral Artery Stroke. Stroke, 2000, 31, 1128-1132.	2.0	226
29	Phase IIB/III Trial of Tenecteplase in Acute Ischemic Stroke. Stroke, 2010, 41, 707-711.	2.0	226
30	15d-Prostaglandin J ₂ Activates Peroxisome Proliferator-Activated Receptor- \hat{I}^3 , Promotes Expression of Catalase, and Reduces Inflammation, Behavioral Dysfunction, and Neuronal Loss after Intracerebral Hemorrhage in Rats. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 811-820.	4.3	222
31	Transcranial ultrasound in clinical sonothrombolysis (TUCSON) trial. Annals of Neurology, 2009, 66, 28-38.	5.3	220
32	Intravenous Tissue-Type Plasminogen Activator Therapy for Ischemic Stroke. Archives of Neurology, 2001, 58, 2009.	4.5	216
33	Increased Pelvic Vein Thrombi in Cryptogenic Stroke. Stroke, 2004, 35, 46-50.	2.0	215
34	Hypertension and Its Treatment in the NINDS rt-PA Stroke Trial. Stroke, 1998, 29, 1504-1509.	2.0	209
35	Necroptosis, a novel form of caspaseâ€independent cell death, contributes to neuronal damage in a retinal ischemiaâ€reperfusion injury model. Journal of Neuroscience Research, 2010, 88, 1569-1576.	2.9	209
36	Houston Paramedic and Emergency Stroke Treatment and Outcomes Study (HoPSTO). Stroke, 2005, 36, 1512-1518.	2.0	203

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37	Transcription Factor Nrf2 Protects the Brain From Damage Produced by Intracerebral Hemorrhage. Stroke, 2007, 38, 3280-3286.	2.0	202
38	Effects of Alteplase for Acute Stroke on the Distribution of Functional Outcomes. Stroke, 2016, 47, 2373-2379.	2.0	193
39	Acute Stroke Imaging Research Roadmap II. Stroke, 2013, 44, 2628-2639.	2.0	192
40	Autologous Bone Marrow Mononuclear Cells Enhance Recovery after Acute Ischemic Stroke in Young and Middle-Aged Rats. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 140-149.	4.3	190
41	Risk of intracerebral haemorrhage with alteplase after acute ischaemic stroke: a secondary analysis of an individual patient data meta-analysis. Lancet Neurology, The, 2016, 15, 925-933.	10.2	187
42	Yield of Transcranial Doppler in Acute Cerebral Ischemia. Stroke, 1999, 30, 1604-1609.	2.0	185
43	Cell death in experimental intracerebral hemorrhage: The "black hole―model of hemorrhagic damage. Annals of Neurology, 2002, 51, 517-524.	5.3	183
44	Clinical Deterioration Following Improvement in the NINDS rt-PA Stroke Trial. Stroke, 2001, 32, 661-668.	2.0	180
45	Acetaminophen for Altering Body Temperature in Acute Stroke. Stroke, 2002, 33, 130-135.	2.0	180
46	Accuracy and Criteria for Localizing Arterial Occlusion With Transcranial Doppler. Journal of Neuroimaging, 2000, 10, 1-12.	2.0	179
47	Does the National Institutes of Health Stroke Scale Favor Left Hemisphere Strokes?. Stroke, 1999, 30, 2355-2359.	2.0	173
48	Early Exclusive Use of the Affected Forelimb After Moderate Transient Focal Ischemia in Rats. Stroke, 2000, 31, 1144-1152.	2.0	172
49	Aggressive Mechanical Clot Disruption. Stroke, 2005, 36, 292-296.	2.0	172
50	Safety and Tolerability of the Glutamate Antagonist CGS 19755 (Selfotel) in Patients With Acute Ischemic Stroke. Stroke, 1995, 26, 602-605.	2.0	172
51	Constraint-Induced Movement Therapy During Early Stroke Rehabilitation. Neurorehabilitation and Neural Repair, 2007, 21, 14-24.	2.9	167
52	Hypothermia for acute ischaemic stroke. Lancet Neurology, The, 2013, 12, 275-284.	10.2	167
53	Nuclear Factor-κB and Cell Death After Experimental Intracerebral Hemorrhage in Rats. Stroke, 1999, 30, 2472-2478.	2.0	166
54	Mobile stroke units for prehospital thrombolysis, triage, and beyond: benefits and challenges. Lancet Neurology, The, 2017, 16, 227-237.	10.2	164

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55	Safety and Tolerability of NXY-059 for Acute Intracerebral Hemorrhage. Stroke, 2007, 38, 2262-2269.	2.0	162
56	Specific Transcranial Doppler Flow Findings Related to the Presence and Site of Arterial Occlusion. Stroke, 2000, 31, 140-146.	2.0	159
57	A Pilot Randomized Clinical Safety Study of Sonothrombolysis Augmentation With Ultrasound-Activated Perflutren-Lipid Microspheres for Acute Ischemic Stroke. Stroke, 2008, 39, 1464-1469.	2.0	158
58	Carotici Artery Disease Following ExternalCervical Irradiation. Annals of Surgery, 1981, 194, 609-615.	4.2	151
59	Intravenous Tissue Plasminogen Activator and Flow Improvement in Acute Ischemic Stroke Patients with Internal Carotid Artery Occlusion. Journal of Neuroimaging, 2002, 12, 119-123.	2.0	150
60	Neuronal PPARÎ ³ Deficiency Increases Susceptibility to Brain Damage after Cerebral Ischemia. Journal of Neuroscience, 2009, 29, 6186-6195.	3.6	148
61	Lubeluzole Treatment of Acute Ischemic Stroke. Stroke, 1997, 28, 2338-2346.	2.0	144
62	Thrombolytic Therapy for Patients Who Wake-Up With Stroke. Stroke, 2009, 40, 827-832.	2.0	139
63	Adopting a Patient-Centered Approach to Primary Outcome Analysis of Acute Stroke Trials Using a Utility-Weighted Modified Rankin Scale. Stroke, 2015, 46, 2238-2243.	2.0	139
64	Finding the Most Powerful Measures of the Effectiveness of Tissue Plasminogen Activator in the NINDS tPA Stroke Trial. Stroke, 2000, 31, 2335-2341.	2.0	138
65	Early Dramatic Recovery During Intravenous Tissue Plasminogen Activator Infusion. Stroke, 2002, 33, 1301-1307.	2.0	136
66	Neuroprotective Role of Haptoglobin after Intracerebral Hemorrhage. Journal of Neuroscience, 2009, 29, 15819-15827.	3.6	136
67	Yield and Accuracy of Urgent Combined Carotid/Transcranial Ultrasound Testing in Acute Cerebral Ischemia. Stroke, 2005, 36, 32-37.	2.0	135
68	Ischemia-Induced Translocation of Ca2+/Calmodulin-Dependent Protein Kinase II: Potential Role in Neuronal Damage. Journal of Neurochemistry, 1992, 58, 1743-1753.	3.9	134
69	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). Stroke, 2016, 47, 2888-2895.	2.0	131
70	Activation of Emergency Medical Services for Acute Stroke in a Nonurban Population. Stroke, 2000, 31, 1925-1928.	2.0	129
71	<i>RNF213</i> Rare Variants in an Ethnically Diverse Population With Moyamoya Disease. Stroke, 2014, 45, 3200-3207.	2.0	129
72	Treatment With Tissue Plasminogen Activator in the Golden Hour and the Shape of the 4.5-Hour Time-Benefit Curve in the National United States Get With The Guidelines-Stroke Population. Circulation, 2017, 135, 128-139.	1.6	129

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73	Prospective, Multicenter, Controlled Trial of Mobile Stroke Units. New England Journal of Medicine, 2021, 385, 971-981.	27.0	128
74	IL-10 directly protects cortical neurons by activating PI-3 kinase and STAT-3 pathways. Brain Research, 2011, 1373, 189-194.	2.2	127
75	Ultrasoundâ€Enhanced Thrombolysis for Acute Ischemic Stroke: Phase I. Findings of the CLOTBUST Trial. Journal of Neuroimaging, 2004, 14, 113-117.	2.0	125
76	Deterioration Following Spontaneous Improvement. Stroke, 2000, 31, 915-919.	2.0	121
77	Ischemic Stunning of the Brain. Stroke, 2004, 35, 449-452.	2.0	121
78	Stroke Treatment Academic Industry Roundtable X. Stroke, 2019, 50, 1026-1031.	2.0	120
79	NIHSS Training and Certification Using a New Digital Video Disk Is Reliable. Stroke, 2005, 36, 2446-2449.	2.0	118
80	Identifying Patients at High Risk for Poor Outcome After Intra-Arterial Therapy for Acute Ischemic Stroke. Stroke, 2009, 40, 1780-1785.	2.0	118
81	The IVH Score: A novel tool for estimating intraventricular hemorrhage volume: Clinical and research implications*. Critical Care Medicine, 2009, 37, 969-e1.	0.9	118
82	Outcomes of Endovascular Thrombectomy vs Medical Management Alone in Patients With Large Ischemic Cores. JAMA Neurology, 2019, 76, 1147.	9.0	118
83	Headache in the Emergency Department. Headache, 2001, 41, 537-541.	3.9	116
84	AXIS. Stroke, 2010, 41, 2545-2551.	2.0	116
85	Stroke Neurologist's Perspective on the New Endovascular Trials. Stroke, 2015, 46, 1447-1452.	2.0	116
86	tPA-Associated Reperfusion After Acute Stroke Demonstrated by SPECT. Stroke, 1998, 29, 429-432.	2.0	113
87	Is the Benefit of Early Recanalization Sustained at 3 Months?. Stroke, 2003, 34, 695-698.	2.0	113
88	Distinct patterns of intracerebral hemorrhage-induced alterations in NF-ÎB subunit, iNOS, and COX-2 expression. Journal of Neurochemistry, 2006, 101, 652-663.	3.9	113
89	Zero on the NIHSS Does Not Equal the Absence of Stroke. Annals of Emergency Medicine, 2011, 57, 42-45.	0.6	111
90	Sustained Benefit of a Community and Professional Intervention to Increase Acute Stroke Therapy. Archives of Internal Medicine, 2003, 163, 2198.	3.8	110

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91	Clinical trials for cytoprotection in stroke. NeuroRx, 2004, 1, 46-70.	6.0	110
92	Current Medical and Surgical Therapy for Cerebrovascular Disease. New England Journal of Medicine, 1987, 317, 1505-1516.	27.0	108
93	Emergence of the Primary Pediatric Stroke Center. Stroke, 2014, 45, 2018-2023.	2.0	108
94	Ethanol Plus Caffeine (Caffeinol) for Treatment of Ischemic Stroke. Stroke, 2003, 34, 1246-1251.	2.0	106
95	Benefits of Stroke Treatment Using a Mobile Stroke Unit Compared With Standard Management. Stroke, 2015, 46, 3370-3374.	2.0	106
96	Neuroprotective Therapy. Seminars in Neurology, 1998, 18, 485-492.	1.4	105
97	Constraint-Induced Movement Therapy. Stroke, 2004, 35, 2699-2701.	2.0	105
98	Number Needed to Treat to Benefit and to Harm for Intravenous Tissue Plasminogen Activator Therapy in the 3- to 4.5-Hour Window. Stroke, 2009, 40, 2433-2437.	2.0	105
99	Neuroprotection Is Unlikely to Be Effective in Humans Using Current Trial Designs. Stroke, 2002, 33, 306-307.	2.0	103
100	Is Intra-Arterial Thrombolysis Safe After Full-Dose Intravenous Recombinant Tissue Plasminogen Activator for Acute Ischemic Stroke?. Stroke, 2007, 38, 80-84.	2.0	103
101	Intracerebral Hemorrhage in Cocaine Users. Stroke, 2010, 41, 680-684.	2.0	103
102	Thrombolysis in Stroke Despite Contraindications or Warnings?. Stroke, 2013, 44, 727-733.	2.0	102
103	A Randomized, Controlled Trial to Teach Middle School Children to Recognize Stroke and Call 911. Stroke, 2007, 38, 2972-2978.	2.0	101
104	The Virtual International Stroke Trials Archive. Stroke, 2007, 38, 1905-1910.	2.0	101
105	Endovascular Thrombectomy for Mild Strokes: How Low Should We Go?. Stroke, 2018, 49, 2398-2405.	2.0	100
106	Ischemia-Induced Neuronal Damage: A Role for Calcium/Calmodulin-Dependent Protein Kinase II. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 1-6.	4.3	97
107	Establishing the First Mobile Stroke Unit in the United States. Stroke, 2015, 46, 1384-1391.	2.0	97
108	Can Comprehensive Stroke Centers Erase the †Weekend Effect'?. Cerebrovascular Diseases, 2009, 27, 107-113.	1.7	96

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109	Safety and efficacy of desmoteplase given 3–9 h after ischaemic stroke in patients with occlusion or high-grade stenosis in major cerebral arteries (DIAS-3): a double-blind, randomised, placebo-controlled phase 3 trial. Lancet Neurology, The, 2015, 14, 575-584.	10.2	95
110	Established treatments for acute ischaemic stroke. Lancet, The, 2007, 369, 319-330.	13.7	94
111	An Alternative Method for the Quantitation of Neuronal Damage after Experimental Middle Cerebral Artery Occlusion in Rats: Analysis of Behavioral Deficit. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 705-713.	4.3	93
112	The Argatroban and Tissue-Type Plasminogen Activator Stroke Study. Stroke, 2012, 43, 770-775.	2.0	93
113	Therapeutic time window and dose response of autologous bone marrow mononuclear cells for ischemic stroke. Journal of Neuroscience Research, 2011, 89, 833-839.	2.9	90
114	CLOTBUST: Design of a Randomized Trial of Ultrasoundâ€Enhanced Thrombolysis for Acute Ischemic Stroke. Journal of Neuroimaging, 2004, 14, 108-112.	2.0	89
115	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	2.0	88
116	Racial and Gender Differences in Stroke Severity, Outcomes, and Treatment in Patients with Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, e255-e261.	1.6	87
117	Systemic Thrombolysis in Patients With Acute Ischemic Stroke and Internal Carotid ARtery Occlusion. Stroke, 2012, 43, 125-130.	2.0	86
118	Optimizing Prediction Scores for Poor Outcome After Intra-Arterial Therapy in Anterior Circulation Acute Ischemic Stroke. Stroke, 2013, 44, 3324-3330.	2.0	86
119	The Spot Sign in Intracerebral Hemorrhage: The Importance of Looking for Contrast Extravasation. Cerebrovascular Diseases, 2010, 29, 217-220.	1.7	85
120	Carotid Stenosis. New England Journal of Medicine, 2013, 369, 1143-1150.	27.0	82
121	Posterior Circulation Stroke is Associated with Prolonged Door-to-Needle Time. International Journal of Stroke, 2015, 10, 672-678.	5. 9	81
122	Should Mild or Moderate Stroke Patients Be Admitted to an Intensive Care Unit?. Stroke, 2001, 32, 871-876.	2.0	80
123	Peroxisome-proliferator-activated receptor-gamma (PPARÎ 3) activation protects neurons from NMDA excitotoxicity. Brain Research, 2006, 1073-1074, 460-469.	2.2	80
124	Real-World Treatment Trends in Endovascular Stroke Therapy. Stroke, 2019, 50, 683-689.	2.0	80
125	Thrombus Burden Is Associated With Clinical Outcome After Intra-Arterial Therapy for Acute Ischemic Stroke. Stroke, 2008, 39, 3231-3235.	2.0	79
126	Thrombolysis Is Associated With Consistent Functional Improvement Across Baseline Stroke Severity. Stroke, 2010, 41, 2612-2617.	2.0	79

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127	A Broad Diagnostic Battery for Bedside Transcranial Doppler to Detect Flow Changes With Internal Carotid Artery Stenosis or Occlusion. Journal of Neuroimaging, 2001, 11, 236-242.	2.0	77
128	Neuronal expression of peroxisome proliferator-activated receptor-gamma (PPARγ) and 15d-prostaglandin J2—Mediated protection of brain after experimental cerebral ischemia in rat. Brain Research, 2006, 1096, 196-203.	2.2	74
129	Increased Blood–Brain Barrier Permeability on Perfusion CT Might Predict Malignant Middle Cerebral Artery Infarction. Stroke, 2010, 41, 2539-2544.	2.0	74
130	Standardized Nomenclature for Modified Rankin Scale Global Disability Outcomes: Consensus Recommendations From Stroke Therapy Academic Industry Roundtable XI. Stroke, 2021, 52, 3054-3062.	2.0	74
131	Pretreatment Blood–Brain Barrier Damage and Post-Treatment Intracranial Hemorrhage in Patients Receiving Intravenous Tissue-Type Plasminogen Activator. Stroke, 2014, 45, 2030-2035.	2.0	73
132	Argatroban tPA Stroke Study. Archives of Neurology, 2006, 63, 1057.	4.5	72
133	Combined Neuroprotective Modalities Coupled with Thrombolysis in Acute Ischemic Stroke: A Pilot Study of Caffeinol and Mild Hypothermia. Journal of Stroke and Cerebrovascular Diseases, 2009, 18, 86-96.	1.6	72
134	Changes in Spleen Size in Patients with Acute Ischemic Stroke: A Pilot Observational Study. International Journal of Stroke, 2013, 8, 60-67.	5.9	72
135	Machine Learning–Enabled Automated Determination of Acute Ischemic Core From Computed Tomography Angiography. Stroke, 2019, 50, 3093-3100.	2.0	71
136	Endovascular Therapeutic Hypothermia for Acute Ischemic Stroke: ICTuS 2/3 Protocol. International Journal of Stroke, 2014, 9, 117-125.	5.9	70
137	Randomized, Multicenter Trial of ARTSS-2 (Argatroban With Recombinant Tissue Plasminogen) Tj $$ ETQq 110.784	1314, gBT 2.0gBT	/Oygrlock 10
138	Combination Therapy Stroke Trial: Recombinant Tissue-Type Plasminogen Activator with/without Lubeluzole. Cerebrovascular Diseases, 2001, 12, 258-263.	1.7	66
139	Design of a Prospective, Dose-Escalation Study Evaluating the Safety of Pioglitazone for Hematoma Resolution in Intracerebral Hemorrhage (SHRINC). International Journal of Stroke, 2013, 8, 388-396.	5.9	65
140	Review, Historical Context, and Clarifications of the NINDS rt-PA Stroke Trials Exclusion Criteria. Stroke, 2013, 44, 2500-2505.	2.0	65
141	Pilot Dose-Escalation Study of Caffeine Plus Ethanol (Caffeinol) in Acute Ischemic Stroke. Stroke, 2003, 34, 1242-1245.	2.0	64
142	Functional Reorganization and Recovery After Constraint-Induced Movement Therapy in Subacute Stroke: Case Reports. Neurocase, 2006, 12, 50-60.	0.6	64
143	Prehospital Utility of Rapid Stroke Evaluation Using In-Ambulance Telemedicine. Stroke, 2014, 45, 2342-2347.	2.0	64
144	Citicoline for treatment of experimental focal ischemia: Histologic and behavioral outcome. Neurological Research, 1996, 18, 570-574.	1.3	63

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145	Telemedicine Can Replace the Neurologist on a Mobile Stroke Unit. Stroke, 2017, 48, 493-496.	2.0	63
146	The Current Status of Neuronal Protective Therapy: Why Have All Neuronal Protective Drugs Worked in Animals but None So Far in Stroke Patients?. Cerebrovascular Diseases, 1994, 4, 115-120.	1.7	61
147	Small vessel disease and clinical outcomes after IV rt-PA treatment. Acta Neurologica Scandinavica, 2017, 136, 72-77.	2.1	61
148	Safety and efficacy of sonothrombolysis for acute ischaemic stroke: a multicentre, double-blind, phase 3, randomised controlled trial. Lancet Neurology, The, 2019, 18, 338-347.	10.2	61
149	Implementing a Mobile Stroke Unit Program in the United States. JAMA Neurology, 2015, 72, 229.	9.0	60
150	Grading Carotid Stenosis With Ultrasound. Stroke, 1997, 28, 1208-1210.	2.0	60
151	Bone marrow mononuclear cells protect neurons and modulate microglia in cell culture models of ischemic stroke. Journal of Neuroscience Research, 2010, 88, 2869-2876.	2.9	59
152	Intravenous TPA for Very Old Stroke Patients. European Neurology, 2005, 54, 140-144.	1.4	58
153	Anticoagulation After Cardioembolic Stroke. Archives of Neurology, 2008, 65, 1169.	4.5	58
154	Thrombelastography Detects Possible Coagulation Disturbance in Patients With Intracerebral Hemorrhage With Hematoma Enlargement. Stroke, 2014, 45, 683-688.	2.0	58
155	Treatment of Acute Intracerebral Hemorrhage with Îμ-Aminocaproic Acid: A Pilot Study. Neurocritical Care, 2004, 1, 47-52.	2.4	57
156	Endovascular Thrombectomy for Acute Ischemic Strokes. Stroke, 2020, 51, 1207-1217.	2.0	55
157	Ultrasound-Enhanced Thrombolysis for Acute Ischemic Stroke: Phase I. Findings of the CLOTBUST Trial. , 2004, 14, 113-117.		55
158	Apolipoprotein E phenotype and the efficacy of intravenous tissue plasminogen activator in acute ischemic stroke. Annals of Neurology, 2001, 49, 736-744.	5.3	54
159	The PRE-hospital Stroke Treatment Organization. International Journal of Stroke, 2017, 12, 932-940.	5.9	54
160	Immunohistochemical Determination of Calciumâ€"Calmodulin Binding Predicts Neuronal Damage after Global Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1989, 9, 805-811.	4.3	52
161	Therapeutic Time Window and Dose Dependence of Xenon Delivered via Echogenic Liposomes for Neuroprotection in Stroke. CNS Neuroscience and Therapeutics, 2013, 19, 773-784.	3.9	52
162	Optimizing Patient Selection for Endovascular Treatment in Acute Ischemic Stroke (SELECT): A Prospective, Multicenter Cohort Study of Imaging Selection. Annals of Neurology, 2020, 87, 419-433.	5.3	52

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163	Acute Stroke Therapy at the Millennium: Consummating the Marriage Between the Laboratory and Bedside. Stroke, 1999, 30, 1722-1728.	2.0	51
164	Additional Outcomes and Subgroup Analyses of NXY-059 for Acute Ischemic Stroke in the SAINT I Trial. Stroke, 2006, 37, 2970-2978.	2.0	51
165	Interplay Between the Gamma Isoform of PKC and Calcineurin in Regulation of Vulnerability to Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 343-349.	4.3	50
166	Benefits of stroke treatment delivered using a mobile stroke unit trial. International Journal of Stroke, 2018, 13, 321-327.	5.9	50
167	Early Infarct Growth Rate Correlation With Endovascular Thrombectomy Clinical Outcomes. Stroke, 2021, 52, 57-69.	2.0	49
168	New Uses for Calcium Channel Blockers. Drugs, 1993, 46, 961-975.	10.9	48
169	Thromboelastography in Patients with Acute Ischemic Stroke. International Journal of Stroke, 2015, 10, 194-201.	5.9	48
170	Desmoteplase 3 to 9 Hours After Major Artery Occlusion Stroke. Stroke, 2016, 47, 2880-2887.	2.0	48
171	Brain Single-Photon Emission CT With HMPAO and Safety of Thrombolytic Therapy in Acute Ischemic Stroke, 1997, 28, 1830-1834.	2.0	48
172	Neurofilament Proteolysis after Focal Ischemia; When Do Cells Die after Experimental Stroke?. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 652-660.	4.3	47
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