## 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.<br>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<br>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 <sub>2</sub> 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.<br>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 <sup>3</sup> 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.<br>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.<br>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.<br>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.<br>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.<br>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<br>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<br>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<br>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        |
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