Patrick D Lyden

List of Publications by Year in descending order

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140 papers 10,031 citations

57758 44 h-index 96 g-index

151 all docs

151 docs citations

151 times ranked

9955 citing authors

#	Article	IF	CITATIONS
1	Disparate trends of atherosclerotic plaque evolution in stroke patients under 18-month follow-up: a 3D whole-brain magnetic resonance vessel wall imaging study. Neuroradiology Journal, 2022, 35, 42-52.	1.2	9
2	Therapeutic hypothermia for intracerebral hemorrhage: Systematic review and meta-analysis of the experimental and clinical literature. International Journal of Stroke, 2022, 17, 506-516.	5.9	13
3	Temporal Profile of Pneumonia After Stroke. Stroke, 2022, 53, 53-60.	2.0	26
4	Intravenous Thrombolysis., 2022,, 750-772.e3.		0
5	Association of Recent Use of Non–Vitamin K Antagonist Oral Anticoagulants With Intracranial Hemorrhage Among Patients With Acute Ischemic Stroke Treated With Alteplase. JAMA - Journal of the American Medical Association, 2022, 327, 760.	7.4	28
6	The Stroke Preclinical Assessment Network: Rationale, Design, Feasibility, and Stage 1 Results. Stroke, 2022, 53, 1802-1812.	2.0	22
7	Pro-resolving lipid mediators in traumatic brain injury: emerging concepts and translational approach American Journal of Translational Research (discontinued), 2022, 14, 1482-1494.	0.0	O
8	Bias in Stroke Evaluation: Rethinking the Cookie Theft Picture. Stroke, 2022, 53, 2123-2125.	2.0	2
9	The future of neuroprotection in stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 129-135.	1.9	82
10	Acute ischemic stroke versus transient ischemic attack: Differential plaque morphological features in symptomatic intracranial atherosclerotic lesions. Atherosclerosis, 2021, 319, 72-78.	0.8	18
11	Temperature Management in Neurological and Neurosurgical Intensive Care Unit. Therapeutic Hypothermia and Temperature Management, 2021, 11, 7-9.	0.9	2
12	Stroke Treatment With PAR-1 Agents to Decrease Hemorrhagic Transformation. Frontiers in Neurology, 2021, 12, 593582.	2.4	11
13	Diagnosis and Management of Cerebral Venous Sinus Thrombosis With Vaccine-Induced Immune Thrombotic Thrombocytopenia. Stroke, 2021, 52, 2478-2482.	2.0	69
14	Cerebroprotection for Acute Ischemic Stroke: Looking Ahead. Stroke, 2021, 52, 3033-3044.	2.0	43
15	Top Priorities for Cerebroprotective Studies—A Paradigm Shift: Report From STAIR XI. Stroke, 2021, 52, 3063-3071.	2.0	78
16	Retinal Venular Tortuosity Jointly with Retinal Amyloid Burden Correlates with Verbal Memory Loss: A Pilot Study. Cells, 2021, 10, 2926.	4.1	14
17	Neuronâ€generated thrombin induces a protective astrocyte response via protease activated receptors. Glia, 2020, 68, 246-262.	4.9	14
18	Stroke, Research and Science in the Time of COVID. Stroke, 2020, 51, 2613-2614.	2.0	6

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19	Amendment on the article "Missing outcome data management in acute stroke trials testing iv thrombolytics: Is there risk of bias?― European Stroke Journal, 2020, 5, 453-454.	5 . 5	O
20	COVIDâ€19 hypothesis: Activated protein C for therapy of virusâ€induced pathologic thromboinflammation. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 506-509.	2.3	22
21	Selective cerebral cooling for acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1365-1367.	4.3	6
22	Temperature Management in Neurological and Neurosurgical Intensive Care Unit. Therapeutic Hypothermia and Temperature Management, 2020, 10, 86-90.	0.9	1
23	Hemodynamic latency is associated with reduced intelligence across the lifespan: an fMRI DCM study of aging, cerebrovascular integrity, and cognitive ability. Brain Structure and Function, 2020, 225, 1705-1717.	2.3	6
24	Missing outcome data management in acute stroke trials testing iv thrombolytics. Is there risk of bias?. European Stroke Journal, 2020, 5, 148-154.	5 . 5	4
25	Munchausen syndrome by tissue plasminogen activator. Neurology: Clinical Practice, 2020, 11, 10.1212/CPJ.000000000000828.	1.6	3
26	Measuring Outcome After Stroke. Stroke, 2020, 51, 1053-1054.	2.0	3
27	Acute ophthalmic artery occlusion in a COVID-19 patient on apixaban. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104982.	1.6	76
28	3K3A-Activated Protein C Variant Does Not Interfere With the Plasma Clot Lysis Activity of Tenecteplase. Stroke, 2020, 51, 2236-2239.	2.0	1
29	Current Advances in the Use of Therapeutic Hypothermia. Therapeutic Hypothermia and Temperature Management, 2020, 10, 2-5.	0.9	1
30	Training and Certifying Users of the National Institutes of Health Stroke Scale. Stroke, 2020, 51, 990-993.	2.0	15
31	Assessing Cerebrovascular Hemodynamics Using Transcranial Doppler in Patients with Mechanical Circulatory Support Devices. Journal of Neuroimaging, 2020, 30, 297-302.	2.0	7
32	Thrombolytic Therapy for Acute Ischemic Stroke. Stroke, 2019, 50, 2597-2603.	2.0	8
33	Studies Targeting Stroke and Acute Myocardial Infarction. Therapeutic Hypothermia and Temperature Management, 2019, 9, 8-12.	0.9	0
34	Neuroprotection and vasculoprotection using genetically targeted protease-ligands. Brain Research, 2019, 1715, 13-20.	2.2	4
35	Acute neuropathological consequences of short-term mechanical ventilation in wild-type and Alzheimer's disease mice. Critical Care, 2019, 23, 63.	5.8	21
36	Differential expression of circulating exosomal microRNAs in refractory intracranial atherosclerosis associated with antiangiogenesis. Scientific Reports, 2019, 9, 19429.	3.3	32

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37	Differential Expression of Vascular Endothelial Growth Factor-A165 Isoforms Between Intracranial Atherosclerosis and Moyamoya Disease. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 360-368.	1.6	9
38	Differential effects of hypothermia on neurovascular unit determine protective or toxic results: Toward optimized therapeutic hypothermia. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1693-1709.	4.3	47
39	Final Results of the RHAPSODY Trial: A Multiâ€Center, Phase 2 Trial Using a Continual Reassessment Method to Determine the Safety and Tolerability of 3K3Aâ€APC, A Recombinant Variant of Human Activated Protein C, in Combination with Tissue Plasminogen Activator, Mechanical Thrombectomy or both in Moderate to Severe Acute Ischemic Stroke. Annals of Neurology. 2019. 85, 125-136.	5.3	113
40	Therapeutic hypothermia and Type II errors: Do not throw out the baby with the ice water. Brain Circulation, 2019, 5, 203.	1.8	1
41	Justin A. Zivin, MD, PhD. Stroke, 2018, 49, 1051-1052.	2.0	0
42	When less is more (brain)â€"comment on " <scp>R</scp> ivaroxaban plasma levels in acute ischemic stroke and intracerebral hemorrhage― Annals of Neurology, 2018, 83, 446-448.	5.3	1
43	Lack of Early Improvement Predicts Poor Outcome Following Acute Intracerebral Hemorrhage. Critical Care Medicine, 2018, 46, e310-e317.	0.9	12
44	Retinal Microvascular Abnormalities as Surrogate Markers of Cerebrovascular Ischemic Disease: A Meta-Analysis. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1960-1968.	1.6	38
45	Paradoxical cerebrovascular hemodynamic changes with nicardipine. Journal of Neurosurgery, 2018, 128, 1015-1019.	1.6	15
46	Cerebral Pulsatility Index Is Elevated in Patients with Elevated Right Atrial Pressure. Journal of Neuroimaging, 2018, 28, 95-98.	2.0	11
47	Hypothermia in acute ischemic stroke therapy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 157, 823-837.	1.8	14
48	Can an anticoagulant reduce brain hemorrhage: Invited comment on "Dabigatran reduces endothelial permeability through inhibition of thrombin-induced cytoskeleton reorganization― Thrombosis Research, 2018, 167, 172-173.	1.7	1
49	Treatment Modality and Quality Benchmarks of Aneurysmal Subarachnoid Hemorrhage at a Comprehensive Stroke Center. Frontiers in Neurology, 2018, 9, 152.	2.4	8
50	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
51	Effects of alteplase for acute stroke according to criteria defining the European Union and United States marketing authorizations: Individual-patient-data meta-analysis of randomized trials. International Journal of Stroke, 2018, 13, 175-189.	5.9	36
52	Cerebral microemboli detection for monitoring structural cardiac disease. Neurology: Clinical Practice, 2017, 7, 409-412.	1.6	2
53	In Response. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 454.	1.6	0
54	Using the National Institutes of Health Stroke Scale. Stroke, 2017, 48, 513-519.	2.0	261

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55	Migraine and the Risk of Carotid Artery Dissection in the IPSYS Registry. JAMA Neurology, 2017, 74, 503.	9.0	3
56	Meta-Analysis of Pre-Clinical Trials of Therapeutic Hypothermia for Intracerebral Hemorrhage. Therapeutic Hypothermia and Temperature Management, 2017, 7, 141-146.	0.9	24
57	Intracerebral Hemorrhagic Expansion Occurs in Patients Using Non–Vitamin K Antagonist Oral Anticoagulants Comparable with Patients Using Warfarin. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1874-1882.	1.6	21
58	Translational Stroke Research. Stroke, 2017, 48, 2632-2637.	2.0	108
59	Brain Transforming Growth Factor- \hat{l}^2 Resists Hypertension Via Regulating Microglial Activation. Stroke, 2017, 48, 2557-2564.	2.0	28
60	Rethinking Training and Distribution of Vascular Neurology Interventionists in the Era of Thrombectomy. Stroke, 2017, 48, 2313-2317.	2.0	25
61	Optimizing Outcomes for Mechanically Ventilated Patients in an Era of Endovascular Acute Ischemic Stroke Therapy. Journal of Intensive Care Medicine, 2017, 32, 467-472.	2.8	11
62	Novel method for inducing rapid, controllable therapeutic hypothermia in rats using a perivascular implanted closed-loop cooling circuit. Journal of Neuroscience Methods, 2016, 267, 55-61.	2.5	9
63	Still cooling after all these years: Meta-analysis of pre-clinical trials of therapeutic hypothermia for acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1157-1164.	4.3	78
64	Activated protein C promotes neuroprotection: mechanisms and translation to the clinic. Thrombosis Research, 2016, 141, S62-S64.	1.7	33
65	Transcranial Doppler Changes in Patients Treated with Extracorporeal Membrane Oxygenation. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 2882-2885.	1.6	18
66	Effects of Alteplase for Acute Stroke on the Distribution of Functional Outcomes. Stroke, 2016, 47, 2373-2379.	2.0	193
67	Selecting Patients for Intra-Arterial Therapy in the Context of a Clinical Trial for Neuroprotection. Stroke, 2016, 47, 2979-2985.	2.0	20
68	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). Stroke, 2016, 47, 2888-2895.	2.0	131
69	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
70	Online Tool to Improve Stratification of Adverse Events in Stroke Clinical Trials. Stroke, 2016, 47, 882-885.	2.0	1
71	Robust and Fragile Aspects of Cortical Blood Flow in Relation to the Underlying Angioarchitecture. Microcirculation, 2015, 22, 204-218.	1.8	78
72	Why don't more patients receive intravenous rt-PA for acute stroke?. Expert Review of Neurotherapeutics, 2015, 15, 571-574.	2.8	8

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73	Troubleshooting the Nihss: Question-and-Answer Session with One of the Designers. International Journal of Stroke, 2015, 10, 1284-1286.	5.9	5
74	Teaching Neuro <i>Images</i> : Short stature, imperforate anus, and polydactyly. Neurology, 2015, 84, e117.	1.1	1
75	Letter by Lahiri et al Regarding Article, "Endovascular Thrombectomy for Anterior Circulation Stroke: Systematic Review and Meta-Analysis― Stroke, 2015, 46, e258.	2.0	2
76	Revisiting Cerebral Postischemic Reperfusion Injury: New Insights in Understanding Reperfusion Failure, Hemorrhage, and Edema. International Journal of Stroke, 2015, 10, 143-152.	5.9	204
77	Seizures and Meperidine: Overstated and Underutilized. Therapeutic Hypothermia and Temperature Management, 2015, 5, 223-227.	0.9	10
78	Microglia Participate in Neurogenic Regulation of Hypertension. Hypertension, 2015, 66, 309-316.	2.7	116
79	Arabic cross cultural adaptation and validation of the National Institutes of Health Stroke Scale. Journal of the Neurological Sciences, 2015, 357, 152-156.	0.6	13
80	Thrombolysis in acute stroke – Authors' reply. Lancet, The, 2015, 385, 1396.	13.7	5
81	Type of Admission is Associated with Outcome of Spontaneous Subarachnoid Hemorrhage. International Journal of Stroke, 2015, 10, 529-533.	5.9	10
82	Aphasia and Dysarthria in Acute Stroke: Recovery and Functional Outcome. International Journal of Stroke, 2015, 10, 400-406.	5.9	67
83	Direct Thrombin Inhibitor Argatroban Reduces Stroke Damage in 2 Different Models. Stroke, 2014, 45, 896-899.	2.0	43
84	Endovascular Therapeutic Hypothermia for Acute Ischemic Stroke: ICTuS 2/3 Protocol. International Journal of Stroke, 2014, 9, 117-125.	5.9	70
85	Clinical Use of Computed Tomographic Perfusion for the Diagnosis and Prediction of Lesion Growth in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 114-122.	1.6	21
86	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
87	Pooled Assessment of Computed Tomography Interpretation by Vascular Neurologists in the STRokE DOC Telestroke Network. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 511-515.	1.6	17
88	Phase 1 Safety, Tolerability and Pharmacokinetics of 3K3A-APC in Healthy Adult Volunteers. Current Pharmaceutical Design, 2014, 19, 7479-7485.	1.9	61
89	Concurrent middle cerebral artery occlusion and intra-arterial drug infusion via ipsilateral common carotid artery catheter in the rat. Journal of Neuroscience Methods, 2013, 213, 63-69.	2.5	21
90	Preclinical and Clinical Studies Targeting Stroke. Therapeutic Hypothermia and Temperature Management, 2013, 3, 114-119.	0.9	3

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91	Hemorrhagic Transformation during Thrombolytic Therapy and Reperfusion: Effects of Age, Blood Pressure, and Matrix Metalloproteinases. Journal of Stroke and Cerebrovascular Diseases, 2013, 22, 532-538.	1.6	10
92	Activated Protein C Analog Protects From Ischemic Stroke and Extends the Therapeutic Window of Tissue-Type Plasminogen Activator in Aged Female Mice and Hypertensive Rats. Stroke, 2013, 44, 3529-3536.	2.0	56
93	Determinants of Pneumonia Risk During Endovascular Hypothermia. Therapeutic Hypothermia and Temperature Management, 2013, 3, 24-27.	0.9	8
94	Mild Hypothermia Reduces Tissue Plasminogen Activatorâ€"Related Hemorrhage and Blood Brain Barrier Disruption After Experimental Stroke: Editorial Commentary on Tang ⟨i⟩et al⟨ i⟩., 2013. Therapeutic Hypothermia and Temperature Management, 2013, 3, 171-172.	0.9	4
95	Reninâ€angiotensin system potentiates inflammatory responses of microglia. FASEB Journal, 2013, 27, 697.23.	0.5	0
96	Sisyphus and Translational Stroke Research. Science Translational Medicine, 2012, 4, 156ps20.	12.4	7
97	Thrombin Activity Associated with Neuronal Damage during Acute Focal Ischemia. Journal of Neuroscience, 2012, 32, 7622-7631.	3.6	108
98	In Anticipation of International Stroke Trial-3 (IST-3). Stroke, 2012, 43, 1691-1694.	2.0	18
99	Too Old for Cold? Editorial Commentary on Busch and Søreide, 2011. Therapeutic Hypothermia and Temperature Management, 2012, 2, 51-52.	0.9	0
100	Overview of Therapeutic Hypothermia. Current Treatment Options in Neurology, 2012, 14, 541-548.	1.8	66
101	Determinants of Effective Cooling During Endovascular Hypothermia. Neurocritical Care, 2012, 16, 413-420.	2.4	27
102	The Future of Basic Science Research and Stroke: Hubris and Translational Stroke Research. International Journal of Stroke, 2011, 6, 412-413.	5.9	2
103	Tenecteplase for Acute Ischemic Stroke. International Journal of Stroke, 2011, 6, 509-510.	5.9	5
104	Low Body Temperature Does Not Compromise the Treatment Effect of Alteplase. Stroke, 2011, 42, 2618-2621.	2.0	11
105	COMMENTARY: The Endovascular Procedure-Specific Neurological Examination Scheme. Journal of Endovascular Therapy, 2011, 18, 538-539.	1.5	0
106	Advanced Brain Imaging Studies Should Not Be Performed in Patients With Suspected Stroke Presenting Within 4.5 Hours of Symptom Onset. Stroke, 2011, 42, 2668-2669.	2.0	8
107	An ethical hierarchy for decision making during medical emergencies. Annals of Neurology, 2010, 67, 434-440.	5. 3	13
108	Therapeutic hypothermia is associated with a decrease in urine output in acute stroke patients. Resuscitation, 2010, 81, 1642-1647.	3.0	25

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109	ACCESS. Archives of Neurology, 2010, 67, 1210-8.	4.5	86
110	Intravenous Thrombolysis Plus Hypothermia for Acute Treatment of Ischemic Stroke (ICTuS-L). Stroke, 2010, 41, 2265-2270.	2.0	324
111	Thrombin Mediates Severe Neurovascular Injury During Ischemia. Stroke, 2010, 41, 2348-2352.	2.0	113
112	Is the NIHSS Certification Process Too Lenient?. Cerebrovascular Diseases, 2009, 27, 426-432.	1.7	10
113	National Institutes of Health Stroke Scale Certification Is Reliable Across Multiple Venues. Stroke, 2009, 40, 2507-2511.	2.0	106
114	Development of the Italian Version of the National Institutes of Health Stroke Scale. Stroke, 2009, 40, 2557-2559.	2.0	27
115	Severe Blood–Brain Barrier Disruption and Surrounding Tissue Injury. Stroke, 2009, 40, e666-74.	2.0	107
116	Does Hemispheric Lateralization Influence Functional and Cardiovascular Outcomes After Stroke?. Stroke, 2008, 39, 3335-3340.	2.0	68
117	Thrombolytic Therapy for Acute Stroke â€" Not a Moment to Lose. New England Journal of Medicine, 2008, 359, 1393-1395.	27.0	64
118	NXY-059 for the Treatment of Acute Ischemic Stroke. New England Journal of Medicine, 2007, 357, 562-571.	27.0	664
119	Therapeutic Hypothermia for Acute Stroke. International Journal of Stroke, 2006, 1, 9-19.	5.9	91
120	A Trial of Therapeutic Hypothermia via Endovascular Approach in Awake Patients with Acute Ischemic Stroke: Methodology. Academic Emergency Medicine, 2006, 13, 820-827.	1.8	93
121	NXY-059 for Acute Ischemic Stroke. New England Journal of Medicine, 2006, 354, 588-600.	27.0	632
122	NIHSS Training and Certification Using a New Digital Video Disk Is Reliable. Stroke, 2005, 36, 2446-2449.	2.0	118
123	Intravascular Cooling in the Treatment of Stroke (ICTuS): Early Clinical Experience. Journal of Stroke and Cerebrovascular Diseases, 2005, 14, 107-114.	1.6	116
124	Factor Analysis of the National Institutes of Health Stroke Scale in Patients With Large Strokes. Archives of Neurology, 2004, 61, 1677.	4.5	95
125	Early Major Ischemic Changes on Computed Tomography Should Not Preclude Use of Tissue Plasminogen Activator. Stroke, 2003, 34, 821-822.	2.0	39
126	Modified National Institutes of Health Stroke Scale for Use in Stroke Clinical Trials. Stroke, 2002, 33, 1261-1266.	2.0	194

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127	Systematic Review of Nimodipine. Stroke, 2002, 33, 639-640.	2.0	9
128	A Modified National Institutes of Health Stroke Scale for Use in Stroke Clinical Trials. Stroke, 2001, 32, 1310-1317.	2.0	301
129	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
130	Synergistic Combinatorial Stroke Therapy: A Quantal Bioassay of a GABA Agonist and a Glutamate Antagonist. Experimental Neurology, 2000, 163, 477-489.	4.1	45
131	The Clomethiazole Acute Stroke Study in hemorrhagic stroke (Class-H): Final results. Journal of Stroke and Cerebrovascular Diseases, 2000, 9, 268-275.	1.6	10
132	Underlying Structure of the National Institutes of Health Stroke Scale. Stroke, 1999, 30, 2347-2354.	2.0	277
133	Effects of Hyperbaric Oxygen on Neurologic Outcome for Cerebral Ischemia in Rats. Academic Emergency Medicine, 1998, 5, 18-24.	1.8	39
134	Acute Hypertension Promotes Hemorrhagic Transformation in a Rabbit Embolic Stroke Model: Effect of Labetalol. Experimental Neurology, 1998, 150, 153-158.	4.1	46
135	Visualization of the Cerebral Circulation Using Three–dimensional Transcranial Power Doppler Ultrasound Imaging. Journal of Neuroimaging, 1997, 7, 35-39.	2.0	31
136	Chapter 10 GABA and Neuroprotection. International Review of Neurobiology, 1996, , 233-258.	2.0	53
137	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
138	Combination Chemotherapy Extends the Therapeutic Window to 60 Minutes After Stroke. Journal of Neurotrauma, 1995, 12, 223-230.	3 . 4	31
139	Spontaneous Early Improvement Following Ischemic Stroke. Stroke, 1995, 26, 1358-1360.	2.0	24
140	Intracerebral Hemorrhage After Experimental Embolic Infarction. Archives of Neurology, 1987, 44, 848.	4.5	36