

Laurent Derex

List of Publications by Year in descending order

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Version: 2024-02-01

129
papers

4,579
citations

136740

32
h-index

110170

64
g-index

138
all docs

138
docs citations

138
times ranked

5738
citing authors

#	ARTICLE	IF	CITATIONS
1	Successful thrombectomy is beneficial in patients with pre-stroke disability: Results from an international multicenter cohort study. <i>Journal of Neuroradiology</i> , 2023, 50, 59-64.	0.6	2
2	Predictors of Outcome After Mechanical Thrombectomy in Stroke Patients Aged ≥85 Years. <i>Canadian Journal of Neurological Sciences</i> , 2022, 49, 49-54.	0.3	5
3	Does the Brush-Sign Reflect Collateral Status and DWI-ASPECTS in Large Vessel Occlusion?. <i>Frontiers in Neurology</i> , 2022, 13, 828256.	1.1	1
4	Temporal Trend of Transient Ischemic Attack Management over a 10-Year Period: Data from the Rhône County, France. <i>Cerebrovascular Diseases</i> , 2022, 51, 517-524.	0.8	1
5	Effect of the COVID-19 pandemic on acute stroke reperfusion therapy: data from the Lyon Stroke Center Network. <i>Journal of Neurology</i> , 2021, 268, 2314-2319.	1.8	16
6	Stroke patients' support: evaluation of knowledge, practices and training needs of French community pharmacists. <i>International Journal of Clinical Pharmacy</i> , 2021, 43, 980-989.	1.0	2
7	Seizures and epilepsy after intracerebral hemorrhage: an update. <i>Journal of Neurology</i> , 2021, 268, 2605-2615.	1.8	15
8	Patent foramen ovale closure in stroke patients with migraine in the CLOSE-MIG study. <i>European Journal of Neurology</i> , 2021, 28, 2700-2707.	1.7	8
9	Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccine-Induced Immune Thrombotic Thrombocytopenia. <i>JAMA Neurology</i> , 2021, 78, 1314.	4.5	89
10	White matter burden does not influence the outcome of mechanical thrombectomy. <i>Journal of Neurology</i> , 2020, 267, 618-624.	1.8	25
11	Reprint of : Transcatheter closure of patent foramen ovale to prevent stroke recurrence in patients with otherwise unexplained ischaemic stroke: Expert consensus of the French Neurovascular Society and the French Society of Cardiology. <i>Revue Neurologique</i> , 2020, 176, 53-61.	0.6	3
12	Spatial distribution and differences of stroke occurrence in the Rhone department of France (STROKE) Tj ETQq0 0 QrgBT /Overlock 10 T	1.6	1
13	Impact of a theory-informed and user-centered stroke information campaign on the public's behaviors, attitudes, and knowledge when facing acute stroke: a controlled before-and-after study. <i>BMC Public Health</i> , 2020, 20, 1712.	1.2	12
14	<p>A Qualitative Study of Barriers and Facilitators to Adherence to Secondary Prevention Medications Among French Patients Suffering from Stroke and Transient Ischemic Attack<p>. <i>Patient Preference and Adherence</i> , 2020, Volume 14, 1213-1223.	0.8	1
15	Mechanical Thrombectomy for Acute Ischemic Stroke Amid the COVID-19 Outbreak. <i>Stroke</i> , 2020, 51, 2012-2017.	1.0	155
16	Tandem Carotid Lesions in Acute Ischemic Stroke: Mechanisms, Therapeutic Challenges, and Future Directions. <i>American Journal of Neuroradiology</i> , 2020, 41, 1142-1148.	1.2	45
17	Matrix Metalloproteinase-9 and Monocyte Chemoattractant Protein-1 Are Associated With Collateral Status in Acute Ischemic Stroke With Large Vessel Occlusion. <i>Stroke</i> , 2020, 51, 2232-2235.	1.0	24
18	Matrix Metalloproteinase-9 Relationship With Infarct Growth and Hemorrhagic Transformation in the Era of Thrombectomy. <i>Frontiers in Neurology</i> , 2020, 11, 473.	1.1	28

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19	Choice of Initial Brain Imaging in Patients with Suspected Acute Stroke: STROKE69, a Population-Based Study. <i>Cerebrovascular Diseases</i> , 2020, 49, 110-118.	0.8	3
20	Transcatheter closure of patent foramen ovale to prevent stroke recurrence in patients with otherwise unexplained ischaemic stroke: Expert consensus of the French Neurovascular Society and the French Society of Cardiology. <i>Archives of Cardiovascular Diseases</i> , 2019, 112, 532-542.	0.7	23
21	Comparison of classification methods for tissue outcome after ischaemic stroke. <i>European Journal of Neuroscience</i> , 2019, 50, 3590-3598.	1.2	5
22	Theoretical modeling of spatial accessibility in the management of stroke in the Rhône department (France) and comparison with measured data. <i>Journal of Transport and Health</i> , 2019, 15, 100610.	1.1	0
23	Direct Oral Anticoagulants for the Treatment of Cerebral Venous Thrombosis. <i>Cerebrovascular Diseases</i> , 2019, 48, 32-37.	0.8	27
24	Impact of Reperfusion for Nonagenarians Treated by Mechanical Thrombectomy. <i>Stroke</i> , 2019, 50, 3164-3169.	1.0	47
25	Wake-up stroke: From pathophysiology to management. <i>Sleep Medicine Reviews</i> , 2019, 48, 101212.	3.8	32
26	Sex-Related Differences in Management and Outcome of Acute Ischemic Stroke in Eligible Patients to Thrombolysis. <i>Cerebrovascular Diseases</i> , 2019, 47, 196-204.	0.8	12
27	Does Small Vessel Disease Burden Impact Collateral Circulation in Ischemic Stroke Treated by Mechanical Thrombectomy?. <i>Stroke</i> , 2019, 50, 1582-1585.	1.0	18
28	Acute Stroke With Large Ischemic Core Treated by Thrombectomy. <i>Stroke</i> , 2019, 50, 1164-1171.	1.0	67
29	Dynamics of Water Diffusion Changes in Different Tissue Compartments From Acute to Chronic Stroke—A Serial Diffusion Tensor Imaging Study. <i>Frontiers in Neurology</i> , 2019, 10, 158.	1.1	10
30	Higher Annual Operator Volume Is Associated With Better Reperfusion Rates in Stroke Patients Treated by Mechanical Thrombectomy. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 385-391.	1.1	26
31	MRI Profile and Collateral Status in Patients with a Transient Ischemic Attack and an Intracranial Artery Occlusion. , 2019, 29, 187-189.		2
32	Acute reperfusion without recanalization: Serial assessment of collaterals within 6h of using perfusion-weighted magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 251-259.	2.4	11
33	Impact of Brain Atrophy on Early Neurological Deterioration and Outcome in Severe Ischemic Stroke Treated by Intravenous Thrombolysis. <i>European Neurology</i> , 2018, 79, 240-246.	0.6	11
34	Combining Intravenous Thrombolysis and Antithrombotic Agents in Stroke: An Update. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	7
35	Intravenous thrombolysis for acute ischaemic stroke in patients on direct oral anticoagulants. <i>European Journal of Neurology</i> , 2018, 25, 747.	1.7	60
36	Improving Access to Thrombolysis and Inhospital Management Times in Ischemic Stroke. <i>Stroke</i> , 2018, 49, 405-411.	1.0	27

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37	Controlled Education of patients after Stroke (CEOPS)- nurse-led multimodal and long-term interventional program involving a patient's caregiver to optimize secondary prevention of stroke: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 137.	0.7	14
38	Impact of the Thrombectomy Trials on the Management and Outcome of Large Vessel Stroke: Data From the Lyon Stroke Center. <i>Frontiers in Neurology</i> , 2018, 9, 722.	1.1	0
39	Collateral circulation assessment within the 4.5-h time window in patients with and without DWI/FLAIR MRI mismatch. <i>Journal of the Neurological Sciences</i> , 2018, 394, 94-98.	0.3	3
40	Secondary Prevention Three and Six Years after Stroke Using the French National Insurance Healthcare System Database. <i>European Neurology</i> , 2018, 79, 272-280.	0.6	5
41	Measurement of the potential geographic accessibility from call to definitive care for patient with acute stroke. <i>International Journal of Health Geographics</i> , 2018, 17, 1.	1.2	34
42	Stent-Retriever Thrombectomy for Acute Anterior Ischemic Stroke with Tandem Occlusion: A Systematic Review and Meta-Analysis. <i>European Radiology</i> , 2017, 27, 247-254.	2.3	123
43	Mechanical thrombectomy in acute ischemic stroke. <i>Revue Neurologique</i> , 2017, 173, 106-113.	0.6	60
44	One-year efficacy and safety of the TruFill DCS Orbit and Orbit Galaxy detachable coils in the endovascular treatment of intracranial aneurysms: Results from the TRULINE study. <i>Interventional Neuroradiology</i> , 2017, 23, 485-491.	0.7	1
45	Effect of Cyclosporine on Lesion Growth and Infarct Size within the White and Gray Matter. <i>Frontiers in Neurology</i> , 2017, 8, 151.	1.1	3
46	Coding acute stroke care and telestroke with the International Classification of Health Interventions (ICHI). <i>International Journal of Medical Informatics</i> , 2017, 108, 9-12.	1.6	5
47	Comprehensive analysis of early fractional anisotropy changes in acute ischemic stroke. <i>PLoS ONE</i> , 2017, 12, e0188318.	1.1	12
48	Why Patients Delay Their First Contact with Health Services After Stroke? A Qualitative Focus Group-Based Study. <i>PLoS ONE</i> , 2016, 11, e0156933.	1.1	14
49	Cognitive impairments and impact on activities of daily living after minor stroke. <i>Annals of Physical and Rehabilitation Medicine</i> , 2016, 59, e71.	1.1	2
50	Cerebrovascular events as presenting manifestations of Myeloproliferative Neoplasm. <i>Revue Neurologique</i> , 2016, 172, 703-708.	0.6	16
51	Changes in Activated Thrombin-Activatable Fibrinolysis Inhibitor Levels Following Thrombolytic Therapy in Ischemic Stroke Patients Correlate with Clinical Outcome. <i>Cerebrovascular Diseases</i> , 2016, 42, 404-414.	0.8	16
52	Impact of leukoaraiosis on parenchymal hemorrhage in elderly patients treated with thrombolysis. <i>Neuroradiology</i> , 2016, 58, 961-967.	1.1	11
53	Does b1000 Mismatch Challenge Diffusion-Weighted Imaging Fluid Attenuated Inversion Recovery Mismatch in Stroke?. <i>Stroke</i> , 2016, 47, 877-881.	1.0	5
54	MRI Assessment of Ischemic Lesion Evolution within White and Gray Matter. <i>Cerebrovascular Diseases</i> , 2016, 41, 291-297.	0.8	7

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55	Management of minor stroke patients with proximal middle cerebral artery occlusion in the new era of thrombectomy. <i>Journal of Neuroradiology</i> , 2016, 43, 55-56.	0.6	4
56	High-resolution MRI: detection of a culprit plaque after recurrent thrombolysis. <i>Journal of Neurology</i> , 2015, 262, 2773-2775.	1.8	2
57	Early Blood Brain Barrier Changes in Acute Ischemic Stroke: A Sequential MRI Study. <i>Journal of Neuroimaging</i> , 2015, 25, 959-963.	1.0	35
58	Thrombolysis for Acute Minor Stroke: Outcome and Barriers to Management. <i>Cerebrovascular Diseases</i> , 2015, 40, 3-9.	0.8	45
59	Cyclosporine in acute ischemic stroke. <i>Neurology</i> , 2015, 84, 2216-2223.	1.5	49
60	Post-thrombolysis haemostasis changes after rt-PA treatment in acute cerebral infarct. Correlations with cardioembolic aetiology and outcome. <i>Journal of the Neurological Sciences</i> , 2015, 349, 77-83.	0.3	20
61	Evolving Basilar Artery Stenosis with Watershed Ischemia. <i>Journal of Neuroimaging</i> , 2015, 25, 131-132.	1.0	0
62	Reperfusion Within 6 Hours Outperforms Recanalization in Predicting Penumbra Salvage, Lesion Growth, Final Infarct, and Clinical Outcome. <i>Stroke</i> , 2015, 46, 1582-1589.	1.0	98
63	Safety of early initiation of rivaroxaban or dabigatran after thrombolysis in acute ischemic stroke. <i>Revue Neurologique</i> , 2015, 171, 613-615.	0.6	7
64	Early fibrinogen degradation coagulopathy: A predictive factor of parenchymal hematomas in cerebral rt-PA thrombolysis. <i>Journal of the Neurological Sciences</i> , 2015, 351, 109-114.	0.3	27
65	Mutations in CECR1 associated with a neutrophil signature in peripheral blood. <i>Pediatric Rheumatology</i> , 2014, 12, 44.	0.9	88
66	Audit report and systematic review of orolingual angioedema in post-acute stroke thrombolysis. <i>Neurological Research</i> , 2014, 36, 687-694.	0.6	22
67	Fibrinogen and von Willebrand Factor and Susceptibility Vessel Sign on T2*-Weighted Gradient Echo Imaging. <i>European Neurology</i> , 2014, 72, 375-377.	0.6	1
68	Beware of the Glycemia. <i>Cerebrovascular Diseases</i> , 2014, 37, 231-232.	0.8	0
69	Value of Perfusion CT-Guided Recanalization Therapy in Acute Ischemic Stroke Patients. <i>Cerebrovascular Diseases</i> , 2014, 37, 389-390.	0.8	2
70	Multilevel Assessment of Atherosclerotic Extent Using a 40-Section Multidetector Scanner after Transient Ischemic Attack or Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2014, 35, 568-572.	1.2	3
71	Thrombolysis for stroke caused by infective endocarditis: an illustrative case and review of the literature. <i>Journal of Neurology</i> , 2013, 260, 1339-1342.	1.8	34
72	Characterization of a severe hypofibrinogenemia induced by alteplase in two patients thrombolysed for stroke. <i>Thrombosis Research</i> , 2013, 131, e45-e48.	0.8	23

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73	Can Hospital Discharge Databases Be Used to Follow Ischemic Stroke Incidence?. Stroke, 2013, 44, 1770-1774.	1.0	33
74	Very Low Cerebral Blood Volume Predicts Parenchymal Hematoma in Acute Ischemic Stroke. Stroke, 2013, 44, 2318-2320.	1.0	33
75	Mechanical Thrombectomy with the Solitaire Stent at Lyon, France. European Neurology, 2013, 69, 325-330.	0.6	0
76	A heartless brain. Europace, 2013, 15, 848-848.	0.7	2
77	Severe Decrease in Cerebral Blood Volume, Recanalization, and Hemorrhagic Transformation After Thrombolysis. Archives of Neurology, 2012, 69, 666.	4.9	0
78	Effectiveness of Thrombolysis in the RhÃne Region, France: A Prospective Population-Based Study. International Journal of Stroke, 2012, 7, E13-E13.	2.9	7
79	Lack of Association between Air Pollutant Exposure and Short-Term Risk of Ischaemic Stroke in Lyon, France. International Journal of Stroke, 2012, 7, 669-674.	2.9	22
80	Ischemic Stroke: Etiologic Work-up with Multidetector CT of Heart and Extra- and Intracranial Arteries. Radiology, 2011, 258, 206-212.	3.6	29
81	Effect of long-term oral treatment with L-arginine and idebenone on the prevention of stroke-like episodes in an adult MELAS patient. Revue Neurologique, 2011, 167, 852-855.	0.6	20
82	Magnetic Resonance Imaging-Guided Thrombolysis in Minor Stroke. International Journal of Stroke, 2011, 6, 178-178.	2.9	7
83	The risk of thrombolysis in "stroke mimics" a case report. Neurological Sciences, 2011, 32, 973-975.	0.9	6
84	Assessment of baseline hemodynamic parameters within infarct progression areas in acute stroke patients using perfusion-weighted MRI. Neuroradiology, 2011, 53, 571-576.	1.1	8
85	Magnetic Resonance Imaging-Based Intravenous Thrombolysis 6 Hours After Onset of Minor Cerebellar Stroke. Archives of Neurology, 2011, 68, 678.	4.9	3
86	Decompressive Surgery in Cerebrovenous Thrombosis. Stroke, 2011, 42, 2825-2831.	1.0	192
87	Postthrombolysis hemorrhage risk is affected by stroke assessment bias between hemispheres. Neurology, 2011, 76, 629-636.	1.5	5
88	Prehospital stroke care: potential, pitfalls, and future. Current Opinion in Neurology, 2010, 23, 31-35.	1.8	15
89	Impact of stroke on therapeutic decision making in infective endocarditis. Journal of Neurology, 2010, 257, 315-321.	1.8	65
90	Combined Intravenous Recombinant-Tissular Plasminogen Activator and Endovascular Treatment of Spontaneous Occlusive Internal Carotid Dissection with Tandem Intracranial Artery Occlusion. European Neurology, 2010, 63, 211-214.	0.6	23

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91	Ataxic Hemiparesis. Archives of Neurology, 2010, 67, 116-7.	4.9	6
92	Intravenous thrombolysis for stroke. BMJ: British Medical Journal, 2010, 341, c5891-c5891.	2.4	1
93	Symptomatic Moyamoya disease: Clinical features and outcome after indirect bypass surgery in four French adults. Journal of the Neurological Sciences, 2010, 288, 92-95.	0.3	4
94	Pollution atmosphérique et Ârisque d'accident vasculaire cÂ©rÂ©bral. Sang Thrombose Vaisseaux, 2010, 22, 457-463.	0.1	0
95	Total Mismatch. Stroke, 2009, 40, 3400-3402.	1.0	24
96	Ipsilateral ptosis as main feature of tuberothalamic artery infarction. Neurological Sciences, 2009, 30, 69-70.	0.9	8
97	Nocturnal urine melatonin and 6Â©sulphatoxymelatonin excretion at the acute stage of ischaemic stroke. Journal of Pineal Research, 2009, 46, 349-352.	3.4	27
98	Thrombolysis, stroke-unit admission and early rehabilitation in elderly patients. Nature Reviews Neurology, 2009, 5, 506-511.	4.9	45
99	Recurrent cerebral venous thrombosis revealing paraneoplastic angitis in HodgkinÂ©s lymphoma. Journal of Neuro-Oncology, 2008, 89, 195-198.	1.4	12
100	Risk for symptomatic intracerebral hemorrhage after thrombolysis assessed by diffusionÂ©weighted magnetic resonance imaging. Annals of Neurology, 2008, 63, 52-60.	2.8	175
101	Intracerebral haemorrhage after thrombolysis for acute ischaemic stroke: an update. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 1093-1099.	0.9	157
102	Stenting of Symptomatic Basilar and Vertebral Artery Stenosis in Patients Resistant to Optimal Medical Prevention: The Lyon Stroke Unit Experience. European Neurology, 2008, 60, 127-131.	0.6	14
103	Inflammatory Response After Ischemic Stroke. Stroke, 2007, 38, 303-307.	1.0	122
104	USPIO-Enhanced MRI of Neuroinflammation at the Sub-Acute Stage of Ischemic Stroke: Preliminary Data. Cerebrovascular Diseases, 2007, 24, 544-546.	0.8	20
105	Leading Risk Analysis in Stroke Imaging Before Thrombolysis (BRASIL). Stroke, 2007, 38, 2738-2744.	1.0	240
106	A common basis for visual and tactile exploration deficits in spatial neglect?. Neuropsychologia, 2006, 44, 1444-1451.	0.7	19
107	Sinus Venosus-Type Atrial Septal Defect. Stroke, 2006, 37, 2385-2386.	1.0	4
108	Warning Compulsive Behavior Preceding Acute Ischemic Stroke. European Neurology, 2006, 56, 39-40.	0.6	1

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109	Silent Coronaropathy: Usefulness of Dobutamine Stress Echocardiography in Ischemic Stroke. <i>European Neurology</i> , 2006, 56, 211-216.	0.6	4
110	Evolution of lesion volume in acute stroke treated by intravenous t-PA. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 23-28.	1.9	22
111	Clinical and imaging predictors of intracerebral haemorrhage in stroke patients treated with intravenous tissue plasminogen activator. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 70-75.	0.9	102
112	Ethical Issues of Informed Consent in Acute Stroke. <i>Cerebrovascular Diseases</i> , 2005, 19, 65-68.	0.8	43
113	The Vulnerable Carotid Artery Plaque. <i>Stroke</i> , 2005, 36, 2764-2772.	1.0	229
114	Early Fibrinogen Degradation Coagulopathy Is Predictive of Parenchymal Hematomas in Cerebral rt-PA Thrombolysis. <i>Stroke</i> , 2004, 35, 1323-1328.	1.0	99
115	Thrombolysis for Ischemic Stroke in Patients with Old Microbleeds on Pretreatment MRI. <i>Cerebrovascular Diseases</i> , 2004, 17, 238-241.	0.8	113
116	Magnetic Resonance Imaging: Significance of Early Ischemic Changes on Computed Tomography. <i>Cerebrovascular Diseases</i> , 2004, 18, 232-235.	0.8	2
117	Concordance Rate Differences of 3 Noninvasive Imaging Techniques to Measure Carotid Stenosis in Clinical Routine Practice. <i>Stroke</i> , 2004, 35, 682-686.	1.0	72
118	Influence of the site of arterial occlusion on multiple baseline hemodynamic MRI parameters and post-thrombolytic recanalization in acute stroke. <i>Neuroradiology</i> , 2004, 46, 883-887.	1.1	42
119	Influence of pretreatment MRI parameters on clinical outcome, recanalization and infarct size in 49 stroke patients treated by intravenous tissue plasminogen activator. <i>Journal of the Neurological Sciences</i> , 2004, 225, 3-9.	0.3	71
120	Early Magnetic Resonance Imaging Prediction of Arterial Recanalization and Late Infarct Volume in Acute Carotid Artery Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 240-248.	2.4	23
121	Hypointense Transcerebral Veins at T2*-Weighted MRI: A Marker of Hemorrhagic Transformation Risk in Patients Treated with Intravenous Tissue Plasminogen Activator. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1362-1370.	2.4	60
122	Early Magnetic Resonance Imaging Prediction of Arterial Recanalization and Late Infarct Volume in Acute Carotid Artery Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, , 240-248.	2.4	7
123	Factors Influencing Early Admission in a French Stroke Unit. <i>Stroke</i> , 2002, 33, 153-159.	1.0	170
124	Early Surgical Treatment for Supratentorial Intracerebral Hemorrhage. <i>Stroke</i> , 1999, 30, 1833-1839.	1.0	321
125	Spontaneous Intracerebral Hemorrhage Revealing Addison's Disease. <i>Cerebrovascular Diseases</i> , 1998, 8, 240-243.	0.8	10
126	Thrombolysis With Intravenous rtPA in a Series of 100 Cases of Acute Carotid Territory Stroke. <i>Stroke</i> , 1998, 29, 2529-2540.	1.0	127

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127	Severe Pathological Crying After Left Anterior Choroidal Artery Infarct. Stroke, 1997, 28, 1464-1466.	1.0	37
128	Open Trial of Intravenous Tissue Plasminogen Activator in Acute Carotid Territory Stroke. Stroke, 1996, 27, 882-890.	1.0	30
129	Isolated postural tremor revealing HIV-1 infection. Journal of Neurology, 1993, 240, 507-508.	1.8	5