Laurent Derex

List of Publications by Year in descending order

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129 4,579 32 64
papers citations h-index g-index

138 138 138 5738 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Successful thrombectomy is beneficial in patients with pre-stroke disability: Results from an international multicenter cohort study. Journal of Neuroradiology, 2023, 50, 59-64.	1.1	2
2	Predictors of Outcome After Mechanical Thrombectomy in Stroke Patients Aged ≥85 Years. Canadian Journal of Neurological Sciences, 2022, 49, 49-54.	0.5	5
3	Does the Brush-Sign Reflect Collateral Status and DWI-ASPECTS in Large Vessel Occlusion?. Frontiers in Neurology, 2022, 13, 828256.	2.4	1
4	Temporal Trend of Transient Ischemic Attack Management over a 10-Year Period: Data from the Rhône County, France. Cerebrovascular Diseases, 2022, 51, 517-524.	1.7	1
5	Effect of the COVID-19 pandemic on acute stroke reperfusion therapy: data from the Lyon Stroke Center Network. Journal of Neurology, 2021, 268, 2314-2319.	3.6	16
6	Stroke patients' support: evaluation of knowledge, practices and training needs of French community pharmacists. International Journal of Clinical Pharmacy, 2021, 43, 980-989.	2.1	2
7	Seizures and epilepsy after intracerebral hemorrhage: an update. Journal of Neurology, 2021, 268, 2605-2615.	3.6	15
8	Patent foramen ovale closure in stroke patients with migraine in the CLOSE trial. The CLOSEâ€MIG study. European Journal of Neurology, 2021, 28, 2700-2707.	3.3	8
9	Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccine–Induced Immune Thrombotic Thrombocytopenia. JAMA Neurology, 2021, 78, 1314.	9.0	89
10	White matter burden does not influence the outcome of mechanical thrombectomy. Journal of Neurology, 2020, 267, 618-624.	3.6	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. Revue Neurologique, 2020, 176, 53-61.	1.5	3
12	Spatial distribution and differences of stroke occurrence in the Rhone department of France (STROKE) Tj ETQq0	0	Overlock 10 T
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. BMC Public Health, 2020, 20, 1712.	2.9	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> . Patient Preference and Adherence, 2020, Volume 14, 1213-1223.	1.8	1
15	Mechanical Thrombectomy for Acute Ischemic Stroke Amid the COVID-19 Outbreak. Stroke, 2020, 51, 2012-2017.	2.0	155
16	Tandem Carotid Lesions in Acute Ischemic Stroke: Mechanisms, Therapeutic Challenges, and Future Directions. American Journal of Neuroradiology, 2020, 41, 1142-1148.	2.4	45
17	Matrix Metalloproteinase-9 and Monocyte Chemoattractant Protein-1 Are Associated With Collateral Status in Acute Ischemic Stroke With Large Vessel Occlusion. Stroke, 2020, 51, 2232-2235.	2.0	24
18	Matrix Metalloproteinase-9 Relationship With Infarct Growth and Hemorrhagic Transformation in the Era of Thrombectomy. Frontiers in Neurology, 2020, 11, 473.	2.4	28

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19	Choice of Initial Brain Imaging in Patients with Suspected Acute Stroke: STROKE69, a Population-Based Study. Cerebrovascular Diseases, 2020, 49, 110-118.	1.7	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. Archives of Cardiovascular Diseases, 2019, 112, 532-542.	1.6	23
21	Comparison of classification methods for tissue outcome after ischaemic stroke. European Journal of Neuroscience, 2019, 50, 3590-3598.	2.6	5
22	Theoretical modeling of spatial accessibility in the management of stroke in the Rhône department (France) and comparison with measured data. Journal of Transport and Health, 2019, 15, 100610.	2.2	0
23	Direct Oral Anticoagulants for the Treatment of Cerebral Venous Thrombosis. Cerebrovascular Diseases, 2019, 48, 32-37.	1.7	27
24	Impact of Reperfusion for Nonagenarians Treated by Mechanical Thrombectomy. Stroke, 2019, 50, 3164-3169.	2.0	47
25	Wake-up stroke: From pathophysiology to management. Sleep Medicine Reviews, 2019, 48, 101212.	8.5	32
26	Sex-Related Differences in Management and Outcome of Acute Ischemic Stroke in Eligible Patients to Thrombolysis. Cerebrovascular Diseases, 2019, 47, 196-204.	1.7	12
27	Does Small Vessel Disease Burden Impact Collateral Circulation in Ischemic Stroke Treated by Mechanical Thrombectomy?. Stroke, 2019, 50, 1582-1585.	2.0	18
28	Acute Stroke With Large Ischemic Core Treated by Thrombectomy. Stroke, 2019, 50, 1164-1171.	2.0	67
29	Dynamics of Water Diffusion Changes in Different Tissue Compartments From Acute to Chronic Stroke—A Serial Diffusion Tensor Imaging Study. Frontiers in Neurology, 2019, 10, 158.	2.4	10
30	Higher Annual Operator Volume Is Associated With Better Reperfusion Rates in Stroke Patients Treated by Mechanical Thrombectomy. JACC: Cardiovascular Interventions, 2019, 12, 385-391.	2.9	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 6 h of using perfusion-weighted magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 251-259.	4.3	11
33	Impact of Brain Atrophy on Early Neurological Deterioration and Outcome in Severe Ischemic Stroke Treated by Intravenous Thrombolysis. European Neurology, 2018, 79, 240-246.	1.4	11
34	Combining Intravenous Thrombolysis and Antithrombotic Agents in Stroke: An Update. Journal of the American Heart Association, $2018, 7, \ldots$	3.7	7
35	Intravenous thrombolysis for acute ischaemic stroke in patients on direct oral anticoagulants. European Journal of Neurology, 2018, 25, 747.	3.3	60
36	Improving Access to Thrombolysis and Inhospital Management Times in Ischemic Stroke. Stroke, 2018, 49, 405-411.	2.0	27

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37	Controlled Education of patients after StrokeÂ(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. Trials, 2018, 19, 137.	1.6	14
38	Impact of the Thrombectomy Trials on the Management and Outcome of Large Vessel Stroke: Data From the Lyon Stroke Center. Frontiers in Neurology, 2018, 9, 722.	2.4	0
39	Collateral circulation assessment within the 4.5â€h time window in patients with and without DWI/FLAIR MRI mismatch. Journal of the Neurological Sciences, 2018, 394, 94-98.	0.6	3
40	Secondary Prevention Three and Six Years after Stroke Using the French National Insurance Healthcare System Database. European Neurology, 2018, 79, 272-280.	1.4	5
41	Measurement of the potential geographic accessibility from call to definitive care for patient with acute stroke. International Journal of Health Geographics, 2018, 17, 1.	2.5	34
42	Stent-Retriever Thrombectomy for Acute Anterior Ischemic Stroke with Tandem Occlusion: A Systematic Review and Meta-Analysis. European Radiology, 2017, 27, 247-254.	4.5	123
43	Mechanical thrombectomy in acute ischemic stroke. Revue Neurologique, 2017, 173, 106-113.	1.5	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. Interventional Neuroradiology, 2017, 23, 485-491.	1.1	1
45	Effect of Cyclosporine on Lesion Growth and Infarct Size within the White and Gray Matter. Frontiers in Neurology, 2017, 8, 151.	2.4	3
46	Coding acute stroke care and telestroke with the International Classification of Health Interventions (ICHI). International Journal of Medical Informatics, 2017, 108, 9-12.	3.3	5
47	Comprehensive analysis of early fractional anisotropy changes in acute ischemic stroke. PLoS ONE, 2017, 12, e0188318.	2.5	12
48	Why Patients Delay Their First Contact with Health Services After Stroke? A Qualitative Focus Group-Based Study. PLoS ONE, 2016, 11, e0156933.	2.5	14
49	Cognitive impairments and impact on activities of daily living after minor stroke. Annals of Physical and Rehabilitation Medicine, 2016, 59, e71.	2.3	2
50	Cerebrovascular events as presenting manifestations of Myeloproliferative Neoplasm. Revue Neurologique, 2016, 172, 703-708.	1.5	16
51	Changes in Activated Thrombin-Activatable Fibrinolysis Inhibitor Levels Following Thrombolytic Therapy in Ischemic Stroke Patients Correlate with Clinical Outcome. Cerebrovascular Diseases, 2016, 42, 404-414.	1.7	16
52	Impact of leukoaraiosis on parenchymal hemorrhage in elderly patients treated with thrombolysis. Neuroradiology, 2016, 58, 961-967.	2.2	11
53	Does b1000–b0 Mismatch Challenge Diffusion-Weighted Imaging–Fluid Attenuated Inversion Recovery Mismatch in Stroke?. Stroke, 2016, 47, 877-881.	2.0	5
54	MRI Assessment of Ischemic Lesion Evolution within White and Gray Matter. Cerebrovascular Diseases, 2016, 41, 291-297.	1.7	7

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55	Management of minor stroke patients with proximal middle cerebral artery occlusion in the new era of thrombectomy. Journal of Neuroradiology, 2016, 43, 55-56.	1.1	4
56	High-resolution MRI: detection of a culprit plaque after recurrent thrombolysis. Journal of Neurology, 2015, 262, 2773-2775.	3.6	2
57	Early Blood Brain Barrier Changes in Acute Ischemic Stroke: A Sequential MRI Study. Journal of Neuroimaging, 2015, 25, 959-963.	2.0	35
58	Thrombolysis for Acute Minor Stroke: Outcome and Barriers to Management. Cerebrovascular Diseases, 2015, 40, 3-9.	1.7	45
59	Cyclosporine in acute ischemic stroke. Neurology, 2015, 84, 2216-2223.	1.1	49
60	Post-thrombolysis haemostasis changes after rt-PA treatment in acute cerebral infarct. Correlations with cardioembolic aetiology and outcome. Journal of the Neurological Sciences, 2015, 349, 77-83.	0.6	20
61	Evolving Basilar Artery Stenosis with Watershed Ischemia. Journal of Neuroimaging, 2015, 25, 131-132.	2.0	0
62	Reperfusion Within 6 Hours Outperforms Recanalization in Predicting Penumbra Salvage, Lesion Growth, Final Infarct, and Clinical Outcome. Stroke, 2015, 46, 1582-1589.	2.0	98
63	Safety of early initiation of rivaroxaban or dabigatran after thrombolysis in acute ischemic stroke. Revue Neurologique, 2015, 171, 613-615.	1.5	7
64	Early fibrinogen degradation coagulopathy: A predictive factor of parenchymal hematomas in cerebral rt-PA thrombolysis. Journal of the Neurological Sciences, 2015, 351, 109-114.	0.6	27
65	Mutations in CECR1 associated with a neutrophil signature in peripheral blood. Pediatric Rheumatology, 2014, 12, 44.	2.1	88
66	Audit report and systematic review of orolingual angioedema in post-acute stroke thrombolysis. Neurological Research, 2014, 36, 687-694.	1.3	22
67	Fibrinogen and von Willebrand Factor and Susceptibility Vessel Sign on T2*-Weighted Gradient Echo Imaging. European Neurology, 2014, 72, 375-377.	1.4	1
68	Beware of the Glycemia. Cerebrovascular Diseases, 2014, 37, 231-232.	1.7	0
69	Value of Perfusion CT-Guided Recanalization Therapy in Acute Ischemic Stroke Patients. Cerebrovascular Diseases, 2014, 37, 389-390.	1.7	2
70	Multilevel Assessment of Atherosclerotic Extent Using a 40-Section Multidetector Scanner after Transient Ischemic Attack or Ischemic Stroke. American Journal of Neuroradiology, 2014, 35, 568-572.	2.4	3
71	Thrombolysis for stroke caused by infective endocarditis: an illustrative case and review of the literature. Journal of Neurology, 2013, 260, 1339-1342.	3.6	34
72	Characterization of a severe hypofibrinogenemia induced by alteplase in two patients thrombolysed for stroke. Thrombosis Research, 2013, 131, e45-e48.	1.7	23

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73	Can Hospital Discharge Databases Be Used to Follow Ischemic Stroke Incidence?. Stroke, 2013, 44, 1770-1774.	2.0	33
74	Very Low Cerebral Blood Volume Predicts Parenchymal Hematoma in Acute Ischemic Stroke. Stroke, 2013, 44, 2318-2320.	2.0	33
75	Mechanical Thrombectomy with the Solitaire Stent at Lyon, France. European Neurology, 2013, 69, 325-330.	1.4	0
76	A heartless brain. Europace, 2013, 15, 848-848.	1.7	2
77	Severe Decrease in Cerebral Blood Volume, Recanalization, and Hemorrhagic Transformation After Thrombolysis. Archives of Neurology, 2012, 69, 666.	4.5	0
78	Effectiveness of Thrombolysis in the Rhà Ne Region, France: A Prospective Population-Based Study. International Journal of Stroke, 2012, 7, E13-E13.	5.9	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.	5.9	22
80	Ischemic Stroke: Etiologic Work-up with Multidetector CT of Heart and Extra- and Intracranial Arteries. Radiology, 2011, 258, 206-212.	7.3	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.	1.5	20
82	Magnetic Resonance Imaging-Guided Thrombolysis in Minor Stroke. International Journal of Stroke, 2011, 6, 178-178.	5.9	7
83	The risk of thrombolysis in "stroke mimics― a case report. Neurological Sciences, 2011, 32, 973-975.	1.9	6
84	Assessment of baseline hemodynamic parameters within infarct progression areas in acute stroke patients using perfusion-weighted MRI. Neuroradiology, 2011, 53, 571-576.	2.2	8
85	Magnetic Resonance Imaging–Based Intravenous Thrombolysis 6 Hours After Onset of Minor Cerebellar Stroke. Archives of Neurology, 2011, 68, 678.	4.5	3
86	Decompressive Surgery in Cerebrovenous Thrombosis. Stroke, 2011, 42, 2825-2831.	2.0	192
87	Postthrombolysis hemorrhage risk is affected by stroke assessment bias between hemispheres. Neurology, 2011, 76, 629-636.	1.1	5
88	Prehospital stroke care: potential, pitfalls, and future. Current Opinion in Neurology, 2010, 23, 31-35.	3.6	15
89	Impact of stroke on therapeutic decision making in infective endocarditis. Journal of Neurology, 2010, 257, 315-321.	3.6	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.	1.4	23

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91	Ataxic Hemiparesis. Archives of Neurology, 2010, 67, 116-7.	4.5	6
92	Intravenous thrombolysis for stroke. BMJ: British Medical Journal, 2010, 341, c5891-c5891.	2.3	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.	0.6	4
94	Pollution atmosphérique etÂrisque d'accident vasculaire cérébral. Sang Thrombose Vaisseaux, 2010, 22, 457-463.	0.1	0
95	Total Mismatch. Stroke, 2009, 40, 3400-3402.	2.0	24
96	Ipsilateral ptosis as main feature of tuberothalamic artery infarction. Neurological Sciences, 2009, 30, 69-70.	1.9	8
97	Nocturnal urine melatonin and 6â€sulphatoxymelatonin excretion at the acute stage of ischaemic stroke. Journal of Pineal Research, 2009, 46, 349-352.	7.4	27
98	Thrombolysis, stroke-unit admission and early rehabilitation in elderly patients. Nature Reviews Neurology, 2009, 5, 506-511.	10.1	45
99	Recurrent cerebral venous thrombosis revealing paraneoplastic angiitis in Hodgkin's lymphoma. Journal of Neuro-Oncology, 2008, 89, 195-198.	2.9	12
100	Risk for symptomatic intracerebral hemorrhage after thrombolysis assessed by diffusionâ€weighted magnetic resonance imaging. Annals of Neurology, 2008, 63, 52-60.	5.3	175
101	Intracerebral haemorrhage after thrombolysis for acute ischaemic stroke: an update. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 1093-1099.	1.9	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.	1.4	14
103	Inflammatory Response After Ischemic Stroke. Stroke, 2007, 38, 303-307.	2.0	122
104	USPIO-Enhanced MRI of Neuroinflammation at the Sub-Acute Stage of Ischemic Stroke: Preliminary Data. Cerebrovascular Diseases, 2007, 24, 544-546.	1.7	20
105	<i>B</i> leeding <i>R</i> isk <i>A</i> nalysis in <i>S</i> troke <i>I</i> maging Before Thrombo <i>L</i> ysis (BRASIL). Stroke, 2007, 38, 2738-2744.	2.0	240
106	A common basis for visual and tactile exploration deficits in spatial neglect?. Neuropsychologia, 2006, 44, 1444-1451.	1.6	19
107	Sinus Venosus-Type Atrial Septal Defect. Stroke, 2006, 37, 2385-2386.	2.0	4
108	Warning Compulsive Behavior Preceding Acute Ischemic Stroke. European Neurology, 2006, 56, 39-40.	1.4	1

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109	Silent Coronaropathy: Usefulness of Dobutamine Stress Echocardiography in Ischemic Stroke. European Neurology, 2006, 56, 211-216.	1.4	4
110	Evolution of lesion volume in acute stroke treated by intravenous t-PA. Journal of Magnetic Resonance Imaging, 2005, 22, 23-28.	3.4	22
111	Clinical and imaging predictors of intracerebral haemorrhage in stroke patients treated with intravenous tissue plasminogen activator. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 70-75.	1.9	102
112	Ethical Issues of Informed Consent in Acute Stroke. Cerebrovascular Diseases, 2005, 19, 65-68.	1.7	43
113	The Vulnerable Carotid Artery Plaque. Stroke, 2005, 36, 2764-2772.	2.0	229
114	Early Fibrinogen Degradation Coagulopathy Is Predictive of Parenchymal Hematomas in Cerebral rt-PA Thrombolysis. Stroke, 2004, 35, 1323-1328.	2.0	99
115	Thrombolysis for Ischemic Stroke in Patients with Old Microbleeds on Pretreatment MRI. Cerebrovascular Diseases, 2004, 17, 238-241.	1.7	113
116	Magnetic Resonance Imaging: Significance of Early Ischemic Changes on Computed Tomography. Cerebrovascular Diseases, 2004, 18, 232-235.	1.7	2
117	Concordance Rate Differences of 3 Noninvasive Imaging Techniques to Measure Carotid Stenosis in Clinical Routine Practice. Stroke, 2004, 35, 682-686.	2.0	72
118	Influence of the site of arterial occlusion on multiple baseline hemodynamic MRI parameters and post-thrombolytic recanalization in acute stroke. Neuroradiology, 2004, 46, 883-887.	2.2	42
119	Influence of pretreatment MRI parameters on clinical outcome, recanalization and infarct size in 49 stroke patients treated by intravenous tissue plasminogen activator. Journal of the Neurological Sciences, 2004, 225, 3-9.	0.6	71
120	Early Magnetic Resonance Imaging Prediction of Arterial Recanalization and Late Infarct Volume in Acute Carotid Artery Stroke. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 240-248.	4.3	23
121	Hypointense Transcerebral Veins at T2â^—-Weighted MRI: A Marker of Hemorrhagic Transformation Risk in Patients Treated with Intravenous Tissue Plasminogen Activator. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 1362-1370.	4.3	60
122	Early Magnetic Resonance Imaging Prediction of Arterial Recanalization and Late Infarct Volume in Acute Carotid Artery Stroke. Journal of Cerebral Blood Flow and Metabolism, 2003, , 240-248.	4.3	7
123	Factors Influencing Early Admission in a French Stroke Unit. Stroke, 2002, 33, 153-159.	2.0	170
124	Early Surgical Treatment for Supratentorial Intracerebral Hemorrhage. Stroke, 1999, 30, 1833-1839.	2.0	321
125	Spontaneous Intracerebral Hemorrhage Revealing Addison's Disease. Cerebrovascular Diseases, 1998, 8, 240-243.	1.7	10
126	Thrombolysis With Intravenous rtPA in a Series of 100 Cases of Acute Carotid Territory Stroke. Stroke, 1998, 29, 2529-2540.	2.0	127

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#	Article	IF	CITATIONS
127	Severe Pathological Crying After Left Anterior Choroidal Artery Infarct. Stroke, 1997, 28, 1464-1466.	2.0	37
128	Open Trial of Intravenous Tissue Plasminogen Activator in Acute Carotid Territory Stroke. Stroke, 1996, 27, 882-890.	2.0	30
129	Isolated postural tremor revealing HIV-1 infection. Journal of Neurology, 1993, 240, 507-508.	3.6	5