Xavier Leclerc

List of Publications by Year
in descending order

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60 papers	2,054 citations	201674 27 h-index	243625 44 g-index
60 all docs	60 docs citations	60 times ranked	2850 citing authors

#	Article	IF	Citations
1	Flow-Diverter Stent for the Endovascular Treatment of Intracranial Aneurysms. Stroke, 2010, 41, 2247-2253.	2.0	301
2	Structural connectivity differences in left and right temporal lobe epilepsy. NeuroImage, 2014, 100, 135-144.	4.2	184
3	Intracranial Arteriovenous Malformation: Time-resolved Contrast-enhanced MR Angiography with Combination of Parallel Imaging, Keyhole Acquisition, and k-Space Sampling Techniques at 1.5 T. Radiology, 2008, 246, 871-879.	7.3	83
4	Retractable Self-expandable Stent for Endovascular Treatment of Wide-necked Intracranial Aneurysms: Preliminary Experience. Neurosurgery, 2006, 58, 451-457.	1.1	75
5	Matrix Detachable Coils for the Endovascular Treatment of Intracranial Aneurysms. Stroke, 2005, 36, 2176-2180.	2.0	74
6	Cerebral Hypoperfusion and Hypometabolism Detected by Arterial Spin Labeling MRI and FDGâ€PET in Earlyâ€Onset Alzheimer's Disease. Journal of Neuroimaging, 2016, 26, 207-212.	2.0	73
7	Infectious Aneurysm of the Cavernous Carotid Artery in a Child Treated With a New-Generation of Flow-Diverting Stent Graft. Neurosurgery, 2010, 66, E623-E624.	1.1	68
8	Punctate pattern. Neurology, 2016, 86, 1516-1523.	1.1	65
9	Intracranial Aneurysms Treated With Guglielmi Detachable Coils. Stroke, 2006, 37, 1033-1037.	2.0	59
10	Aneurysms of the anterior communicating artery treated with Guglielmi detachable coils: follow-up with contrast-enhanced MR angiography. American Journal of Neuroradiology, 2002, 23, 1121-7.	2.4	59
11	HyperForm remodeling-balloon for endovascular treatment of wide-neck intracranial aneurysms. American Journal of Neuroradiology, 2004, 25, 1381-3.	2.4	54
12	Three-dimensional dynamic magnetic resonance angiography for the evaluation of radiosurgically treated cerebral arteriovenous malformations. European Radiology, 2006, 16, 583-591.	4.5	52
13	Three-dimensional dynamic MR digital subtraction angiography using sensitivity encoding for the evaluation of intracranial arteriovenous malformations: a preliminary study. American Journal of Neuroradiology, 2005, 26, 1525-31.	2.4	42
14	Prognostic Value of Hyperintense Vessel Signals on Fluid-Attenuated Inversion Recovery Sequences in Acute Cerebral Ischemia. European Neurology, 2007, 57, 75-79.	1.4	41
15	Microbleed Status and 3-Month Outcome After Intravenous Thrombolysis in 717 Patients With Acute Ischemic Stroke. Stroke, 2015, 46, 2458-2463.	2.0	41
16	Post-Thrombolysis Recanalization in Stroke Referrals for Thrombectomy. Stroke, 2018, 49, 2975-2982.	2.0	41
17	NEUROSURGICAL TREATMENT FOR ANEURYSM REMNANTS OR RECURRENCES AFTER COIL OCCLUSION. Neurosurgery, 2008, 63, 684-692.	1.1	38
18	Intra-subject reliability of the high-resolution whole-brain structural connectome. NeuroImage, 2014, 102, 283-293.	4.2	38

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19	Asymptomatic Progressive Multifocal Leukoencephalopathy Associated with Natalizumab: Diagnostic Precision with MR Imaging. Radiology, 2016, 278, 863-872.	7.3	38
20	Asymptomatic optic nerve lesions. Neurology, 2020, 94, e2468-e2478.	1.1	37
21	Intracranial aneurysms treated with Guglielmi detachable coils: usefulness of 6-month imaging follow-up with contrast-enhanced MR angiography. American Journal of Neuroradiology, 2005, 26, 515-21.	2.4	37
22	Comparison of 3D double inversion recovery and 2D STIR FLAIR MR sequences for the imaging of optic neuritis: pilot study. European Radiology, 2014, 24, 3069-3075.	4.5	36
23	Reappearance of arteriovenous malformations after complete resection of ruptured arteriovenous malformations: true recurrence or false-negative early postoperative imaging result?. Journal of Neurosurgery, 2017, 126, 1088-1093.	1.6	36
24	Study on the Relationships between Intrinsic Functional Connectivity of the Default Mode Network and Transient Epileptic Activity. Frontiers in Neurology, 2014, 5, 201.	2.4	35
25	Intravenous Thrombolysis for Acute Cerebral Ischaemia: Comparison of Outcomes between Patients Treated at Working versus Nonworking Hours. Cerebrovascular Diseases, 2010, 30, 148-156.	1.7	34
26	Optical coherence tomography: a window to the optic nerve in clinically isolated syndrome. Brain, 2019, 142, 903-915.	7.6	33
27	Fluidâ€“attenuated inversion recovery (FLAIR) sequences for the assessment of acute stroke. Journal of Neurology, 2006, 253, 631-635.	3.6	29
28	Optical coherence tomography for detection of asymptomatic optic nerve lesions in clinically isolated syndrome. Neurology, 2020, 95, e733-e744.	1.1	29
29	Thrombus Length Predicts Lack of Post-Thrombolysis Early Recanalization in Minor Stroke With Large Vessel Occlusion. Stroke, 2019, 50, 761-764.	2.0	26
30	Cerebral Magnetic Resonance Imaging within 6 Hours of Stroke Onset: Inter- and Intra-Observer Reproducibility. Cerebrovascular Diseases, 2003, 16, 122-127.	1.7	22
31	Three-dimensional packing with complex orbit coils for the endovascular treatment of intracranial aneurysms. American Journal of Neuroradiology, 2005, 26, 1342-8.	2.4	22
32	Endovascular treatment of intracranial aneurysms with matrix coils: a preliminary study of immediate post-treatment results. American Journal of Neuroradiology, 2005, 26, 373-5.	2.4	19
33	Safety of endovascular treatment of intracranial aneurysms with a new, complex shaped Guglielmi detachable coil. Neuroradiology, 2007, 49, 761-766.	2.2	16
34	Intracranial aneurysms treated with Guglielmi detachable coils: long-term imaging follow-up with contrast-enhanced magnetic resonance angiography. Journal of Neurosurgery, 2008, 108, 443-449.	1.6	16
35	Susceptibility-weighted angiography for the detection of high-flow intracranial vascular lesions: preliminary study. European Radiology, 2013, 23, 1122-1130.	4.5	16
36	Comparison of 3D multi-echo gradient-echo and 2D T2* MR sequences for the detection of arterial thrombus in patients with acute stroke. European Radiology, 2014, 24, 762-769.	4.5	16

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37	Optic Nerve Lesion Length at the Acute Phase of Optic Neuritis Is Predictive of Retinal Neuronal Loss. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	16
38	Gamma knife surgery for arteriovenous malformations in the brain: integration of time-resolved contrast-enhanced magnetic resonance angiography into dosimetry planning. Journal of Neurosurgery, 2007, 107, 854-859.	1.6	15
39	Clinical and imaging follow-up after surgical or endovascular treatment in patients with unruptured carotidâ€“ophthalmic aneurysm. Clinical Neurology and Neurosurgery, 2014, 125, 155-159.	1.4	14
40	External Validation of the MRI-DRAGON Score: Early Prediction of Stroke Outcome after Intravenous Thrombolysis. PLoS ONE, 2014, 9, e99164.	2.5	13
41	Optic nerve double inversion recovery hypersignal in patients with clinically isolated syndrome is associated with asymptomatic gadolinium-enhanced lesion. Multiple Sclerosis Journal, 2019, 25, 1888-1895.	3.0	12
42	Impact of COVID-19 pandemic on patients with intracranial aneurysm rupture. Clinical Neurology and Neurosurgery, 2021, 201, 106425.	1.4	12
43	ENDOVASCULAR TREATMENT OF INTRACRANIAL ANEURYSMS USING MATRIX COILS. Neurosurgery, 2008, 63, 850-858.	1.1	11
44	Decompressive Surgery for Malignant Middle Cerebral Artery Infarcts: The Results of Randomized Trials Can Be Reproduced in Daily Practice. European Neurology, 2012, 68, 145-149.	1.4	11
45	Protective STA-MCA bypass to prevent brain ischemia during high-flow bypass surgery: case series of 10 patients. Acta Neurochirurgica, 2019, 161, 1207-1214.	1.7	10
46	Whole-Brain High-Resolution Structural Connectome: Inter-Subject Validation and Application to the Anatomical Segmentation of the Striatum. Brain Topography, 2017, 30, 291-302.	1.8	9
47	Fluid-attenuated inversion recovery vascular hyperintensities are not visible using 3D CUBE FLAIR sequence. European Radiology, 2013, 23, 1963-1969.	4.5	7
48	Ruptured cerebral arteriovenous malformations: Outcomes analysis after microsurgery. Clinical Neurology and Neurosurgery, 2015, 138, 137-142.	1.4	6
49	GDC 360Â° for the endovascular treatment of intracranial aneurysms: a matched-pair study analysing angiographic outcomes with GDC 3D Coils in 38 patients. Neuroradiology, 2009, 51, 45-52.	2.2	5
50	Differences in cortical perfusion detected by arterial spin labeling in nonamnestic and amnestic subtypes of early-onset Alzheimer's disease. Journal of Neuroradiology, 2020, 47, 284-291.	1.1	5
51	Ruptured blood blister like aneurysm: does the best therapeutic option really exist?. Neurosurgical Review, 2021, 44, 2767-2775.	2.4	5
52	Selective endovascular treatment of intracranial aneurysms with sapphire coils. American Journal of Neuroradiology, 2004, 25, 1368-72.	2.4	4
53	Altered signal intensity of active enhancing inflammatory lesions using post-contrast double inversion recovery MR sequence. European Radiology, 2017, 27, 637-641.	4.5	3
54	Impact on patient management of the implementation of a magnetic resonance imaging dedicated to neurological emergencies. Journal of Evaluation in Clinical Practice, 2017, 23, 1180-1186.	1.8	3

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55	Absence of bacteria in intracranial aneurysms. Journal of Neurosurgery, 2020, 132, 1197-1201.	1.6	3
56	Fusiform dilatation of internal carotid artery after pterional but not subfrontal craniotomy in 6 patients. Child's Nervous System, 2021, 37, 125-129.	1.1	2
57	Extreme Lateral Supracerebellar Infratentorial Approach (ELSCIT) for Occipital Artery-to-Posterior Cerebral Artery Bypass: Results in 3 Cases. World Neurosurgery, 2021, 152, 214-220.	1.3	2
58	Intraoperative MRI for the microsurgical resection of meningiomas close to eloquent areas or dural sinuses: patient series. Journal of Neurosurgery Case Lessons, 2021, 1, .	0.3	1
59	Response to Letter by Wong et al. Stroke, 2006, 37, 1364-1364.	2.0	0
60	Induced Moyamoya vessels after extra-intracranial bypass for a giant middle cerebral artery aneurysm exclusion: Case report. Clinical Neurology and Neurosurgery, 2021, 201, 106475.	1.4	0