

Jean-yves Gauvrit

List of Publications by Year in descending order

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94
papers

3,493
citations

94415

37
h-index

149686

56
g-index

110
all docs

110
docs citations

110
times ranked

3703
citing authors

#	ARTICLE	IF	CITATIONS
1	Devic's neuromyelitis optica: clinical, laboratory, MRI and outcome profile. Journal of the Neurological Sciences, 2002, 197, 57-61.	0.6	182
2	Safety and efficacy of aneurysm treatment with WEB in the cumulative population of three prospective, multicenter series. Journal of NeuroInterventional Surgery, 2018, 10, 553-559.	3.3	162
3	Acute Neurologic Disorder from an Inhibitor of Fatty Acid Amide Hydrolase. New England Journal of Medicine, 2016, 375, 1717-1725.	27.0	149
4	Cerebral venous thrombosis. Journal of Neurology, 2003, 250, 29-35.	3.6	145
5	Reproducibility of High-Resolution MRI for the Identification and the Quantification of Carotid Atherosclerotic Plaque Components. Stroke, 2007, 38, 1812-1819.	2.0	114
6	WEB Treatment of Intracranial Aneurysms: Clinical and Anatomic Results in the French Observatory. American Journal of Neuroradiology, 2016, 37, 655-659.	2.4	110
7	WEB-DL Endovascular Treatment of Wide-Neck Bifurcation Aneurysms: Short- and Midterm Results in a European Study. American Journal of Neuroradiology, 2014, 35, 432-438.	2.4	109
8	Arterial spin labeling (ASL) perfusion: Techniques and clinical use. Diagnostic and Interventional Imaging, 2013, 94, 1211-1223.	3.2	104
9	WEB Intrasaccular Flow Disruptorâ€™Prospective, Multicenter Experience in 83 Patients with 85 Aneurysms. American Journal of Neuroradiology, 2014, 35, 2106-2111.	2.4	99
10	SAFE study (Safety and efficacy Analysis of FRED Embolic device in aneurysm treatment): 1-year clinical and anatomical results. Journal of NeuroInterventional Surgery, 2019, 11, 184-189.	3.3	85
11	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
12	Subarachnoid hemorrhage as the initial presentation of dural sinus thrombosis. American Journal of Neuroradiology, 2005, 26, 614-7.	2.4	78
13	ROLE OF RADIOSURGERY IN THE MANAGEMENT OF CEREBRAL ARTERIOVENOUS MALFORMATIONS IN THE PEDIATRIC AGE GROUP. Neurosurgery, 2007, 60, 268-276.	1.1	76
14	Concordance Rate Differences of 3 Noninvasive Imaging Techniques to Measure Carotid Stenosis in Clinical Routine Practice. Stroke, 2004, 35, 682-686.	2.0	72
15	Chronic and treatment-resistant depression: A study using arterial spin labeling perfusion MRI at 3Tesla. Psychiatry Research - Neuroimaging, 2010, 182, 111-116.	1.8	72
16	WEB Treatment of Intracranial Aneurysms: Feasibility, Complications, and 1-Month Safety Results with the WEB DL and WEB SL/SLS in the French Observatory. American Journal of Neuroradiology, 2015, 36, 922-927.	2.4	72
17	Giant Vertebrobasilar Aneurysms: Endovascular Treatment and Long-term Follow-up. Neurosurgery, 2004, 55, 316-326.	1.1	69
18	WEB-DL Endovascular Treatment of Wide-Neck Bifurcation Aneurysms: Long-Term Results in a European Series. American Journal of Neuroradiology, 2015, 36, 2314-2319.	2.4	68

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19	Time-of-flight MR angiography at 3T versus digital subtraction angiography in the imaging follow-up of 51 intracranial aneurysms treated with coils. <i>European Journal of Radiology</i> , 2009, 72, 365-369.	2.6	63
20	Incidence of Nephrogenic Systemic Fibrosis in Patients Undergoing Dialysis After Contrast-Enhanced Magnetic Resonance Imaging With Gadolinium-Based Contrast Agents. <i>Investigative Radiology</i> , 2014, 49, 109-115.	6.2	61
21	Intracranial Aneurysms Treated With Guglielmi Detachable Coils. <i>Stroke</i> , 2006, 37, 1033-1037.	2.0	59
22	Aneurysms of the anterior communicating artery treated with Guglielmi detachable coils: follow-up with contrast-enhanced MR angiography. <i>American Journal of Neuroradiology</i> , 2002, 23, 1121-7.	2.4	59
23	Autonomic dysfunction in multiple sclerosis: cervical spinal cord atrophy correlates. <i>Journal of Neurology</i> , 2001, 248, 297-303.	3.6	57
24	Aneurysm Treatment With Woven EndoBridge in the Cumulative Population of 3 Prospective, Multicenter Series: 2-Year Follow-Up. <i>Neurosurgery</i> , 2020, 87, 357-367.	1.1	55
25	HyperForm remodeling-balloon for endovascular treatment of wide-neck intracranial aneurysms. <i>American Journal of Neuroradiology</i> , 2004, 25, 1381-3.	2.4	54
26	Three-dimensional dynamic magnetic resonance angiography for the evaluation of radiosurgically treated cerebral arteriovenous malformations. <i>European Radiology</i> , 2006, 16, 583-591.	4.5	52
27	Follow-up of coiled intracranial aneurysms: comparison of 3D time-of-flight and contrast-enhanced magnetic resonance angiography at 3T in a large, prospective series. <i>European Radiology</i> , 2012, 22, 2255-2263.	4.5	45
28	Follow-Up of Coiled Intracranial Aneurysms: Comparison of 3D Time-of-Flight MR Angiography at 3T and 1.5T in a Large Prospective Series. <i>American Journal of Neuroradiology</i> , 2012, 33, 2162-2166.	2.4	43
29	Intraoperative Complications of Endovascular Treatment of Intracranial Aneurysms with Coiling or Balloon-assisted Coiling in a Prospective Multicenter Cohort of 1088 Participants: Analysis of Recanalization after Endovascular Treatment of Intracranial Aneurysm (ARETA) Study. <i>Radiology</i> , 2020, 295, 381-389.	7.3	43
30	Arterial spin labeling for motor activation mapping at 3T with a 32-channel coil: Reproducibility and spatial accuracy in comparison with BOLD fMRI. <i>NeuroImage</i> , 2011, 58, 157-167.	4.2	42
31	Three-dimensional dynamic MR digital subtraction angiography using sensitivity encoding for the evaluation of intracranial arteriovenous malformations: a preliminary study. <i>American Journal of Neuroradiology</i> , 2005, 26, 1525-31.	2.4	42
32	Prognostic Value of Hyperintense Vessel Signals on Fluid-Attenuated Inversion Recovery Sequences in Acute Cerebral Ischemia. <i>European Neurology</i> , 2007, 57, 75-79.	1.4	41
33	Prognostic factors for outcomes after mechanical thrombectomy with solitaire stent. <i>Journal of Neuroradiology</i> , 2013, 40, 252-259.	1.1	41
34	Endovascular treatment of ruptured intracranial aneurysms in elderly people. <i>American Journal of Neuroradiology</i> , 2004, 25, 592-5.	2.4	41
35	Feasibility, complications, morbidity, and mortality results at 6 months for aneurysm treatment with the Flow Re-Direction Endoluminal Device: report of SAFE study. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 765-770.	3.3	40
36	Endovascular treatment of peripheral cerebellar artery aneurysms. <i>American Journal of Neuroradiology</i> , 2003, 24, 1208-13.	2.4	39

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37	Endovascular Treatment of Wide-Neck Anterior Communicating Artery Aneurysms Using WEB-DL and WEB-SL: Short-Term Results in a Multicenter Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1150-1154.	2.4	38
38	Contrast-Enhanced and Time-of-Flight MRA at 3T Compared with DSA for the Follow-Up of Intracranial Aneurysms Treated with the WEB Device. <i>American Journal of Neuroradiology</i> , 2016, 37, 1684-1689.	2.4	37
39	Intracranial aneurysms treated with Guglielmi detachable coils: usefulness of 6-month imaging follow-up with contrast-enhanced MR angiography. <i>American Journal of Neuroradiology</i> , 2005, 26, 515-21.	2.4	37
40	Hemodynamic Quantification in Brain Arteriovenous Malformations With Time-Resolved Spin-Labeled Magnetic Resonance Angiography. <i>Stroke</i> , 2014, 45, 2461-2464.	2.0	33
41	Diffusion/perfusion-weighted magnetic resonance imaging after carotid angioplasty and stenting. <i>Journal of Neurology</i> , 2004, 251, 1060-1067.	3.6	29
42	Fluid-attenuated inversion recovery (FLAIR) sequences for the assessment of acute stroke. <i>Journal of Neurology</i> , 2006, 253, 631-635.	3.6	29
43	Time-resolved Spin-labeled MR Angiography for the Depiction of Cerebral Arteriovenous Malformations: A Comparison of Techniques. <i>Radiology</i> , 2014, 271, 524-533.	7.3	28
44	Clinical Assessment of WEB device in Ruptured aneurysms (CLARYS): results of 1-month and 1-year assessment of rebleeding protection and clinical safety in a multicenter study. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 807-814.	3.3	27
45	Usefulness of MR Imaging for the Assessment of Nonophthalmic Paraclinoid Aneurysms. <i>American Journal of Neuroradiology</i> , 2008, 29, 125-129.	2.4	23
46	Improving quality of arterial spin labeling MR imaging at 3 tesla with a 32-channel coil and parallel imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1233-1239.	3.4	23
47	Cerebral Magnetic Resonance Imaging within 6 Hours of Stroke Onset: Inter- and Intra-Observer Reproducibility. <i>Cerebrovascular Diseases</i> , 2003, 16, 122-127.	1.7	22
48	3D rotational angiography: use of propeller rotation for the evaluation of intracranial aneurysms. <i>American Journal of Neuroradiology</i> , 2005, 26, 163-5.	2.4	22
49	Three-dimensional packing with complex orbit coils for the endovascular treatment of intracranial aneurysms. <i>American Journal of Neuroradiology</i> , 2005, 26, 1342-8.	2.4	22
50	One-Year MR Angiographic and Clinical Follow-Up after Intracranial Mechanical Thrombectomy Using a Stent Retriever Device. <i>American Journal of Neuroradiology</i> , 2015, 36, 126-132.	2.4	21
51	Anatomic variants of the anterior part of the cerebral arterial circle at multidetector computed tomography angiography. <i>Journal of Neuroradiology</i> , 2010, 37, 139-147.	1.1	20
52	Endovascular treatment of intracranial aneurysms with matrix coils: a preliminary study of immediate post-treatment results. <i>American Journal of Neuroradiology</i> , 2005, 26, 373-5.	2.4	19
53	Time-resolved MR angiography: optimal parallel imaging method. <i>American Journal of Neuroradiology</i> , 2007, 28, 835-8.	2.4	17
54	Safety of endovascular treatment of intracranial aneurysms with a new, complex shaped Guglielmi detachable coil. <i>Neuroradiology</i> , 2007, 49, 761-766.	2.2	16

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55	Intracranial aneurysms treated with Guglielmi detachable coils: long-term imaging follow-up with contrast-enhanced magnetic resonance angiography. <i>Journal of Neurosurgery</i> , 2008, 108, 443-449.	1.6	16
56	Gamma knife surgery for arteriovenous malformations in the brain: integration of time-resolved contrast-enhanced magnetic resonance angiography into dosimetry planning. <i>Journal of Neurosurgery</i> , 2007, 107, 854-859.	1.6	15
57	Mechanical thrombectomy with the ERIC retrieval device: initial experience. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 574-577.	3.3	14
58	Quality-Evaluation Scheme for Cerebral Time-Resolved 3D Contrast-Enhanced MR Angiography Techniques. <i>American Journal of Neuroradiology</i> , 2010, 31, 1480-1487.	2.4	13
59	Localized hypertrophic neuropathy of the sciatic nerve in children: MRI findings. <i>Pediatric Radiology</i> , 2012, 42, 952-958.	2.0	12
60	Optimal MRI Sequence for Identifying Occlusion Location in Acute Stroke: Which Value of Time-Resolved Contrast-Enhanced MRA?. <i>American Journal of Neuroradiology</i> , 2015, 36, 1081-1088.	2.4	12
61	Rebleeding and bleeding in the year following intracranial aneurysm coiling: analysis of a large prospective multicenter cohort of 1140 patients—Analysis of Recanalization after Endovascular Treatment of Intracranial Aneurysm (ARETA) Study. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, neurintsurg-2020-015971.	3.3	12
62	High Resolution Images Obtained With Ultrasound and Magnetic Resonance Imaging of Pericarotid Fibrosis in Erdheim-Chester Disease. <i>Circulation</i> , 2004, 110, e443-4.	1.6	11
63	Improving detection of ischemic lesions at 3Tesla with optimized diffusion-weighted magnetic resonance imaging. <i>Journal of Neuroradiology</i> , 2014, 41, 45-51.	1.1	11
64	CT angiography for one-year follow-up of intracranial aneurysms treated with the WEB device: Utility in evaluating aneurysm occlusion and WEB compression at one year. <i>Journal of Neuroradiology</i> , 2018, 45, 343-348.	1.1	11
65	Assessment of 4D MR Angiography at 3T Compared with DSA for the Follow-up of Embolized Brain Dural Arteriovenous Fistula: A Dual-Center Study. <i>American Journal of Neuroradiology</i> , 2021, 42, 340-346.	2.4	11
66	Endovascular treatment of acute ischemic stroke with ERIC device. <i>Journal of Neuroradiology</i> , 2017, 44, 367-370.	1.1	10
67	A randomized controlled study assessing outcome, cognition, autonomy and quality of life in over 70-year-old patients after aneurysmal subarachnoid hemorrhage. <i>Neurochirurgie</i> , 2018, 64, 395-400.	1.2	10
68	Immediate post-operative aneurysm occlusion after endovascular treatment of intracranial aneurysms with coiling or balloon-assisted coiling in a prospective multicenter cohort of 1189 patients: Analysis of Recanalization after Endovascular Treatment of intracranial Aneurysm (ARETA) Study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 918-923.	3.3	10
69	Optimized time-resolved 3D contrast-enhanced MRA at 3T: Appreciating the feasibility of assessing cervical paragangliomas. <i>Journal of Neuroradiology</i> , 2010, 37, 104-108.	1.1	8
70	Systematic combined noncontrast CT—CT angiography in the management of unexplained nontraumatic coma. <i>American Journal of Emergency Medicine</i> , 2013, 31, 494-498.	1.6	8
71	Anatomical variations of the anterior cerebral arterial circle visualized by multidetector computed tomography angiography: Comparison with 3D rotational angiography. <i>Journal of Neuroradiology</i> , 2013, 40, 112-120.	1.1	8
72	Predictive Factors of Silent Brain Infarcts after Asymptomatic Carotid Endarterectomy. <i>Annals of Vascular Surgery</i> , 2018, 51, 225-233.	0.9	8

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73	DWI-Based Algorithm to Predict Disability in Patients Treated with Thrombectomy for Acute Stroke. American Journal of Neuroradiology, 2020, 41, 274-279.	2.4	8
74	Partially reversible quadruple sectoranopia caused by vascular steal due to an arteriovenous malformation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 63-67.	1.9	6
75	Development of workflow task analysis during cerebral diagnostic angiographies: Time-based comparison of junior and senior tasks. Journal of Neuroradiology, 2013, 40, 342-347.	1.1	6
76	Functional outcome 1 year after aneurysmal subarachnoid hemorrhage due to ruptured intracranial aneurysm in elderly patients. Neurochirurgie, 2020, 66, 1-8.	1.2	6
77	GDC 360° 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
78	Delayed thromboembolic events after coiling of unruptured intracranial aneurysms in a prospective cohort of 335 patients. Journal of NeuroInterventional Surgery, 2021, 13, 534-540.	3.3	5
79	Fiche n° 1 : Hématome cérébral spontané. Feuilles De Radiologie, 2005, 45, 217-220.	0.0	4
80	Template-based approach for detecting motor task activation-related hyperperfusion in pulsed ASL data. Human Brain Mapping, 2014, 35, 1179-1189.	3.6	4
81	Evaluation by Magnetic Resonance Imaging of Silent Brain Infarcts in Preoperative and Postoperative Asymptomatic Carotid Surgery. Annals of Vascular Surgery, 2017, 43, 258-264.	0.9	4
82	What semantic dementia teaches us about the functional organization of the left posterior fusiform gyrus. Neuropsychologia, 2017, 106, 159-168.	1.6	4
83	Selective endovascular treatment of intracranial aneurysms with sapphire coils. American Journal of Neuroradiology, 2004, 25, 1368-72.	2.4	4
84	Functional arterial spin labeling: Optimal sequence duration for motor activation mapping in clinical practice. Journal of Magnetic Resonance Imaging, 2012, 36, 1435-1444.	3.4	3
85	Optimal Individual Inversion Time in Brain Arterial Spin Labeling Perfusion Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2013, 37, 247-251.	0.9	3
86	Supra-aortic arteries: Three-dimensional time-resolved k ₂ BLAST contrast-enhanced MRA using a nondedicated body coil at 3 tesla in acute ischemic stroke. Journal of Magnetic Resonance Imaging, 2014, 40, 1056-1063.	3.4	3
87	Rehearsals using patient-specific 3D-printed aneurysm models for simulation of endovascular embolization of complex intracranial aneurysms: 3D SIM study. Journal of Neuroradiology, 2023, 50, 86-92.	1.1	3
88	Role of bioclimate conditions on cerebral aneurysm rupture in the Brittany region of France. Neurochirurgie, 2020, 66, 9-15.	1.2	2
89	Interest of multi-modal imaging in bilateral lesions of basal ganglia: A case report of a post-anoxic dystonia. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2098-2099.	6.4	1
90	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

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91	P-38 Packing 3D Ã lÃ maide de coils complex Orbit pour le traitement endovasculaire dÃ anÃ vrysmes intracrÃ niens. Journal of Neuroradiology, 2005, 32, 94.	1.1	0
92	RÃ pponse Ã M.Ã Bonneville. Journal of Neuroradiology, 2009, 36, 246-247.	1.1	0
93	Ã tude des anomalies morphomÃ triques et de perfusion dans la dÃ pression chronique et rÃ sistante. European Psychiatry, 2013, 28, 32-32.	0.2	0
94	An unusual cause of acute paraplegia in a 16-year-old dancer. Journal of Neurology, 2014, 261, 1210-1212.	3.6	0