

Jean-yves Gauvrit

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

3,493
citations

108046

37
h-index

169272

56
g-index

110
all docs

110
docs citations

110
times ranked

3953
citing authors

#	ARTICLE	IF	CITATIONS
1	Rehearsals using patient-specific 3D-printed aneurysm models for simulation of endovascular embolization of complex intracranial aneurysms: 3D SIM study. <i>Journal of Neuroradiology</i> , 2023, 50, 86-92.	0.6	3
2	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.	2.0	27
3	Delayed thromboembolic events after coiling of unruptured intracranial aneurysms in a prospective cohort of 335 patients. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 534-540.	2.0	5
4	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.	2.0	10
5	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.	1.2	11
6	Functional outcome 1 year after aneurysmal subarachnoid hemorrhage due to ruptured intracranial aneurysm in elderly patients. <i>Neurochirurgie</i> , 2020, 66, 1-8.	0.6	6
7	Role of bioclimate conditions on cerebral aneurysm rupture in the Brittany region of France. <i>Neurochirurgie</i> , 2020, 66, 9-15.	0.6	2
8	Rebleeding and bleeding in the year following intracranial aneurysm coiling: analysis of a large prospective multicenter cohort of 1140 patientsâ€™ Analysis of Recanalization after Endovascular Treatment of Intracranial Aneurysm (ARETA) Study. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, neurintsurg-2020-015971.	2.0	12
9	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.	3.6	43
10	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.	0.6	55
11	DWI-Based Algorithm to Predict Disability in Patients Treated with Thrombectomy for Acute Stroke. <i>American Journal of Neuroradiology</i> , 2020, 41, 274-279.	1.2	8
12	SAFE study (Safety and efficacy Analysis of FRED Embolic device in aneurysm treatment): 1-year clinical and anatomical results. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 184-189.	2.0	85
13	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.	0.6	11
14	Safety and efficacy of aneurysm treatment with WEB in the cumulative population of three prospective, multicenter series. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 553-559.	2.0	162
15	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.	0.6	10
16	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.	2.0	40
17	Predictive Factors of Silent Brain Infarcts after Asymptomatic Carotid Endarterectomy. <i>Annals of Vascular Surgery</i> , 2018, 51, 225-233.	0.4	8
18	Mechanical thrombectomy with the ERIC retrieval device: initial experience. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 574-577.	2.0	14

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19	Evaluation by Magnetic Resonance Imaging of Silent Brain Infarcts in Preoperative and Postoperative Asymptomatic Carotid Surgery. <i>Annals of Vascular Surgery</i> , 2017, 43, 258-264.	0.4	4
20	What semantic dementia teaches us about the functional organization of the left posterior fusiform gyrus. <i>Neuropsychologia</i> , 2017, 106, 159-168.	0.7	4
21	Endovascular treatment of acute ischemic stroke with ERIC device. <i>Journal of Neuroradiology</i> , 2017, 44, 367-370.	0.6	10
22	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
23	Interest of multi-modal imaging in bilateral lesions of basal ganglia: A case report of a post-anoxic dystonia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2098-2099.	3.3	1
24	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.	1.2	37
25	Acute Neurologic Disorder from an Inhibitor of Fatty Acid Amide Hydrolase. <i>New England Journal of Medicine</i> , 2016, 375, 1717-1725.	13.9	149
26	WEB Treatment of Intracranial Aneurysms: Clinical and Anatomic Results in the French Observatory. <i>American Journal of Neuroradiology</i> , 2016, 37, 655-659.	1.2	110
27	WEB-DL Endovascular Treatment of Wide-Neck Bifurcation Aneurysms: Long-Term Results in a European Series. <i>American Journal of Neuroradiology</i> , 2015, 36, 2314-2319.	1.2	68
28	WEB Treatment of Intracranial Aneurysms: Feasibility, Complications, and 1-Month Safety Results with the WEB DL and WEB SL/SLS in the French Observatory. <i>American Journal of Neuroradiology</i> , 2015, 36, 922-927.	1.2	72
29	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.	1.2	21
30	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.	1.2	12
31	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.	1.2	38
32	Time-resolved Spin-labeled MR Angiography for the Depiction of Cerebral Arteriovenous Malformations: A Comparison of Techniques. <i>Radiology</i> , 2014, 271, 524-533.	3.6	28
33	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. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1056-1063.	1.9	3
34	Template-based approach for detecting motor task activation-related hyperperfusion in pulsed ASL data. <i>Human Brain Mapping</i> , 2014, 35, 1179-1189.	1.9	4
35	Hemodynamic Quantification in Brain Arteriovenous Malformations With Time-Resolved Spin-Labeled Magnetic Resonance Angiography. <i>Stroke</i> , 2014, 45, 2461-2464.	1.0	33
36	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.	3.5	61

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37	Improving detection of ischemic lesions at 3Tesla with optimized diffusion-weighted magnetic resonance imaging. <i>Journal of Neuroradiology</i> , 2014, 41, 45-51.	0.6	11
38	WEB Intrasaccular Flow Disruptorâ€”Prospective, Multicenter Experience in 83 Patients with 85 Aneurysms. <i>American Journal of Neuroradiology</i> , 2014, 35, 2106-2111.	1.2	99
39	An unusual cause of acute paraplegia in a 16-year-old dancer. <i>Journal of Neurology</i> , 2014, 261, 1210-1212.	1.8	0
40	WEB-DL Endovascular Treatment of Wide-Neck Bifurcation Aneurysms: Short- and Midterm Results in a European Study. <i>American Journal of Neuroradiology</i> , 2014, 35, 432-438.	1.2	109
41	Ã‰tude des anomalies morphomÃ©triques et de perfusion dans la dÃ©pression chronique et rÃ©sistante. <i>European Psychiatry</i> , 2013, 28, 32-32.	0.1	0
42	Arterial spin labeling (ASL) perfusion: Techniques and clinical use. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 1211-1223.	1.8	104
43	Systematic combined noncontrast CTâ€”CT angiography in the management of unexplained nontraumatic coma. <i>American Journal of Emergency Medicine</i> , 2013, 31, 494-498.	0.7	8
44	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.	0.6	8
45	Prognostic factors for outcomes after mechanical thrombectomy with solitaire stent. <i>Journal of Neuroradiology</i> , 2013, 40, 252-259.	0.6	41
46	Development of workflow task analysis during cerebral diagnostic angiographies: Time-based comparison of junior and senior tasks. <i>Journal of Neuroradiology</i> , 2013, 40, 342-347.	0.6	6
47	Optimal Individual Inversion Time in Brain Arterial Spin Labeling Perfusion Magnetic Resonance Imaging. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 247-251.	0.5	3
48	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.	1.2	43
49	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.	2.3	45
50	Functional arterial spin labeling: Optimal sequence duration for motor activation mapping in clinical practice. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1435-1444.	1.9	3
51	Localized hypertrophic neuropathy of the sciatic nerve in children: MRI findings. <i>Pediatric Radiology</i> , 2012, 42, 952-958.	1.1	12
52	Improving quality of arterial spin labeling MR imaging at 3 tesla with a 32â€”channel coil and parallel imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1233-1239.	1.9	23
53	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.	2.1	42
54	Chronic and treatment-resistant depression: A study using arterial spin labeling perfusion MRI at 3Tesla. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 111-116.	0.9	72

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55	Quality-Evaluation Scheme for Cerebral Time-Resolved 3D Contrast-Enhanced MR Angiography Techniques. American Journal of Neuroradiology, 2010, 31, 1480-1487.	1.2	13
56	Anatomic variants of the anterior part of the cerebral arterial circle at multidetector computed tomography angiography. Journal of Neuroradiology, 2010, 37, 139-147.	0.6	20
57	Optimized time-resolved 3D contrast-enhanced MRA at 3T: Appreciating the feasibility of assessing cervical paragangliomas. Journal of Neuroradiology, 2010, 37, 104-108.	0.6	8
58	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.	1.1	5
59	Time-of-flight MR angiography at 3T versus digital subtraction angiography in the imaging follow-up of 51 intracranial aneurysms treated with coils. European Journal of Radiology, 2009, 72, 365-369.	1.2	63
60	RÃ©ponse Ã M.Ã Bonneville. Journal of Neuroradiology, 2009, 36, 246-247.	0.6	0
61	Usefulness of MR Imaging for the Assessment of Nonophthalmic Paraclinoid Aneurysms. American Journal of Neuroradiology, 2008, 29, 125-129.	1.2	23
62	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.	0.9	16
63	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.	3.6	83
64	Reproducibility of High-Resolution MRI for the Identification and the Quantification of Carotid Atherosclerotic Plaque Components. Stroke, 2007, 38, 1812-1819.	1.0	114
65	Prognostic Value of Hyperintense Vessel Signals on Fluid-Attenuated Inversion Recovery Sequences in Acute Cerebral Ischemia. European Neurology, 2007, 57, 75-79.	0.6	41
66	ROLE OF RADIOSURGERY IN THE MANAGEMENT OF CEREBRAL ARTERIOVENOUS MALFORMATIONS IN THE PEDIATRIC AGE GROUP. Neurosurgery, 2007, 60, 268-276.	0.6	76
67	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.	0.9	15
68	Safety of endovascular treatment of intracranial aneurysms with a new, complex shaped Guglielmi detachable coil. Neuroradiology, 2007, 49, 761-766.	1.1	16
69	Time-resolved MR angiography: optimal parallel imaging method. American Journal of Neuroradiology, 2007, 28, 835-8.	1.2	17
70	Intracranial Aneurysms Treated With Guglielmi Detachable Coils. Stroke, 2006, 37, 1033-1037.	1.0	59
71	Three-dimensional dynamic magnetic resonance angiography for the evaluation of radiosurgically treated cerebral arteriovenous malformations. European Radiology, 2006, 16, 583-591.	2.3	52
72	Fluid-attenuated inversion recovery (FLAIR) sequences for the assessment of acute stroke. Journal of Neurology, 2006, 253, 631-635.	1.8	29

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73	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.	1.0	6
74	Fiche n° 1 : Hématomate cérébral spontané. Feuilles De Radiologie, 2005, 45, 217-220.	0.0	4
75	P-38 Packing 3D aide de coils complex Orbit pour le traitement endovasculaire des anévrysmes intracrâniens. Journal of Neuroradiology, 2005, 32, 94.	0.6	0
76	Endovascular treatment of intracranial aneurysms with matrix coils: a preliminary study of immediate post-treatment results. American Journal of Neuroradiology, 2005, 26, 373-5.	1.2	19
77	3D rotational angiography: use of propeller rotation for the evaluation of intracranial aneurysms. American Journal of Neuroradiology, 2005, 26, 163-5.	1.2	22
78	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.	1.2	37
79	Subarachnoid hemorrhage as the initial presentation of dural sinus thrombosis. American Journal of Neuroradiology, 2005, 26, 614-7.	1.2	78
80	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.	1.2	42
81	Three-dimensional packing with complex orbit coils for the endovascular treatment of intracranial aneurysms. American Journal of Neuroradiology, 2005, 26, 1342-8.	1.2	22
82	High Resolution Images Obtained With Ultrasound and Magnetic Resonance Imaging of Pericarotid Fibrosis in Erdheim-Chester Disease. Circulation, 2004, 110, e443-4.	1.6	11
83	Concordance Rate Differences of 3 Noninvasive Imaging Techniques to Measure Carotid Stenosis in Clinical Routine Practice. Stroke, 2004, 35, 682-686.	1.0	72
84	Diffusion/perfusion-weighted magnetic resonance imaging after carotid angioplasty and stenting. Journal of Neurology, 2004, 251, 1060-1067.	1.8	29
85	Giant Vertebrobasilar Aneurysms: Endovascular Treatment and Long-term Follow-up. Neurosurgery, 2004, 55, 316-326.	0.6	69
86	Selective endovascular treatment of intracranial aneurysms with sapphire coils. American Journal of Neuroradiology, 2004, 25, 1368-72.	1.2	4
87	HyperForm remodeling-balloon for endovascular treatment of wide-neck intracranial aneurysms. American Journal of Neuroradiology, 2004, 25, 1381-3.	1.2	54
88	Endovascular treatment of ruptured intracranial aneurysms in elderly people. American Journal of Neuroradiology, 2004, 25, 592-5.	1.2	41
89	Cerebral venous thrombosis. Journal of Neurology, 2003, 250, 29-35.	1.8	145
90	Cerebral Magnetic Resonance Imaging within 6 Hours of Stroke Onset: Inter- and Intra-Observer Reproducibility. Cerebrovascular Diseases, 2003, 16, 122-127.	0.8	22

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91	Endovascular treatment of peripheral cerebellar artery aneurysms. American Journal of Neuroradiology, 2003, 24, 1208-13.	1.2	39
92	Devic's neuromyelitis optica: clinical, laboratory, MRI and outcome profile. Journal of the Neurological Sciences, 2002, 197, 57-61.	0.3	182
93	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.	1.2	59
94	Autonomic dysfunction in multiple sclerosis: cervical spinal cord atrophy correlates. Journal of Neurology, 2001, 248, 297-303.	1.8	57