

Alain Bonafe

List of Publications by Year in descending order

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116
papers

18,719
citations

94381

37
h-index

22147

113
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all docs

119
docs citations

119
times ranked

12594
citing authors

#	ARTICLE	IF	CITATIONS
1	Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. <i>Lancet</i> , The, 2016, 387, 1723-1731.	6.3	5,331
2	Stent-Retriever Thrombectomy after Intravenous t-PA vs. t-PA Alone in Stroke. <i>New England Journal of Medicine</i> , 2015, 372, 2285-2295.	13.9	4,255
3	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , 2018, 378, 11-21.	13.9	3,936
4	Prospective, Multicenter, Single-Arm Study of Mechanical Thrombectomy Using Solitaire Flow Restoration in Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2802-2807.	1.0	242
5	Solitaire [®] , [®] with the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke (SWIFT PRIME) Trial: Protocol for a Randomized, Controlled, Multicenter Study Comparing the Solitaire Revascularization Device with IV tPA with IV tPA Alone in Acute Ischemic Stroke. <i>International Journal of Stroke</i> . 2015. 10. 439-448.	2.9	240
6	Analysis of Workflow and Time to Treatment and the Effects on Outcome in Endovascular Treatment of Acute Ischemic Stroke: Results from the SWIFT PRIME Randomized Controlled Trial. <i>Radiology</i> , 2016, 279, 888-897.	3.6	238
7	Safety and Efficacy of Solitaire Stent Thrombectomy. <i>Stroke</i> , 2016, 47, 798-806.	1.0	209
8	Rescue, Combined, and Stand-Alone Thrombectomy in the Management of Large Vessel Occlusion Stroke Using the Solitaire Device: A Prospective 50-Patient Single-Center Study. <i>Stroke</i> , 2011, 42, 1929-1935.	1.0	192
9	Combined Intravenous Thrombolysis and Thrombectomy vs Thrombectomy Alone for Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2017, 74, 268.	4.5	192
10	Retrospective Multicenter Study of Solitaire FR for Revascularization in the Treatment of Acute Ischemic Stroke. <i>Stroke</i> , 2012, 43, 2699-2705.	1.0	167
11	Modified Thrombolysis in Cerebral Infarction 2C/Thrombolysis in Cerebral Infarction 3 Reperfusion Should Be the Aim of Mechanical Thrombectomy. <i>Stroke</i> , 2018, 49, 1189-1196.	1.0	163
12	Ischemic core and hypoperfusion volumes predict infarct size in <sc>SWIFT PRIME</sc>. <i>Annals of Neurology</i> , 2016, 79, 76-89.	2.8	155
13	Endovascular Treatment of Unruptured Intracranial Aneurysms: Comparison of Safety of Remodeling Technique and Standard Treatment with Coils. <i>Radiology</i> , 2009, 251, 846-855.	3.6	143
14	Optimal Workflow and Process-Based Performance Measures for Endovascular Therapy in Acute Ischemic Stroke. <i>Stroke</i> , 2014, 45, 2024-2029.	1.0	137
15	Middle longitudinal fasciculus delineation within language pathways: A diffusion tensor imaging study in human. <i>European Journal of Radiology</i> , 2013, 82, 151-157.	1.2	117
16	Solitaire FR thrombectomy system: immediate results in 56 consecutive acute ischemic stroke patients. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 62-66.	2.0	116
17	Mechanical Thrombectomy for Isolated M2 Occlusions: A Post Hoc Analysis of the STAR, SWIFT, and SWIFT PRIME Studies. <i>American Journal of Neuroradiology</i> , 2016, 37, 667-672.	1.2	116
18	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 379-387.	1.0	115

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19	Experimental evaluation of stent retrieversâ€™ mechanical properties and effectiveness. Journal of NeuroInterventional Surgery, 2017, 9, 257-263.	2.0	108
20	Deep Brain Stimulation for Dystonia. Stereotactic and Functional Neurosurgery, 2002, 78, 183-191.	0.8	102
21	Donepezil decreases annual rate of hippocampal atrophy in suspected prodromal Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 1041-1049.	0.4	102
22	Predictive Value of RAPID Assessed Perfusion Thresholds on Final Infarct Volume in SWIFT PRIME (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment). Stroke, 2017, 48, 932-938.	1.0	94
23	Magnetic resonance imaging stereotactic target localization for deep brain stimulation in dystonic children. Journal of Neurosurgery, 2000, 93, 784-790.	0.9	86
24	Mechanical Thrombectomy for Minor and Mild Stroke Patients Harboring Large Vessel Occlusion in the Anterior Circulation. Stroke, 2017, 48, 3274-3281.	1.0	85
25	Suicidal Behavior Is Associated with Reduced Corpus Callosum Area. Biological Psychiatry, 2011, 70, 320-326.	0.7	81
26	Magnetic Resonance Imaging Evaluation of Cerebral Cavernous Malformations With Susceptibility-Weighted Imaging. Neurosurgery, 2011, 68, 641-648.	0.6	80
27	Mechanical thrombectomy with the Solitaire device in acute basilar artery occlusion. Journal of NeuroInterventional Surgery, 2014, 6, 200-204.	2.0	64
28	Relationships Between Imaging Assessments and Outcomes in Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke. Stroke, 2015, 46, 2786-2794.	1.0	64
29	Endovascular Treatment of 174 Middle Cerebral Artery Aneurysms: Clinical Outcome and Radiologic Results at Long-term Follow-up. Radiology, 2009, 253, 191-198.	3.6	57
30	Pipeline Embolization Device with or without Adjunctive Coil Embolization: Analysis of Complications from the IntrePED Registry. American Journal of Neuroradiology, 2016, 37, 1127-1131.	1.2	56
31	Education Modulates the Impact of White Matter Lesions on the Risk of Mild Cognitive Impairment and Dementia. American Journal of Geriatric Psychiatry, 2014, 22, 1336-1345.	0.6	55
32	Treatment of Unruptured Distal Anterior Circulation Aneurysms with Flow-Diverter Stents: A Meta-Analysis. American Journal of Neuroradiology, 2019, 40, 687-693.	1.2	52
33	Flow Diverters for Intracranial Aneurysms. Stroke, 2019, 50, 3471-3480.	1.0	47
34	Second-Generation Hydrogel Coils for the Endovascular Treatment of Intracranial Aneurysms. Stroke, 2018, 49, 667-674.	1.0	46
35	Endovascular Treatment of Very Large and Giant Intracranial Aneurysms: Comparison between Reconstructive and Deconstructive Techniquesâ€™ A Meta-Analysis. American Journal of Neuroradiology, 2018, 39, 852-858.	1.2	46
36	Solitaire FR thrombectomy system: immediate results in 56 consecutive acute ischemic stroke patients. Journal of NeuroInterventional Surgery, 2018, 10, i27-i32.	2.0	45

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37	Solitaire AB Stent-Assisted Coiling of Wide-Necked Intracranial Aneurysms. <i>Neurosurgery</i> , 2014, 75, 215-219.	0.6	43
38	Treatment of Distal Anterior Cerebral Artery Aneurysms with Flow-Diverter Stents: A Single-Center Experience. <i>American Journal of Neuroradiology</i> , 2018, 39, 1100-1106.	1.2	42
39	Subcortical nuclei volumes in suicidal behavior: nucleus accumbens may modulate the lethality of acts.. <i>Brain Imaging and Behavior</i> , 2016, 10, 96-104.	1.1	41
40	Collateral Circulation in Thrombectomy for Stroke After 6 to 24 Hours in the DAWN Trial. <i>Stroke</i> , 2022, 53, 742-748.	1.0	41
41	High CD3+ Cells in Intracranial Thrombi Represent a Biomarker of Atherothrombotic Stroke. <i>PLoS ONE</i> , 2016, 11, e0154945.	1.1	39
42	Corpus callosum integrity is affected by mood disorders and also by the suicide attempt history: A diffusion tensor imaging study. <i>Journal of Affective Disorders</i> , 2016, 206, 115-124.	2.0	38
43	Endovascular stent-assisted thrombolysis in acute occlusive carotid artery dissection. <i>Neuroradiology</i> , 2010, 52, 135-140.	1.1	37
44	Staged implantation of multiple electrodes in the internal globus pallidus in the treatment of primary generalized dystonia. <i>Journal of Neurosurgery</i> , 2012, 116, 1144-1152.	0.9	36
45	Efficacy of Stent-Retriever Thrombectomy in Magnetic Resonance Imaging Versus Computed Tomographic Perfusionâ€Selected Patients in SWIFT PRIME Trial (Solitaire FR With the Intention for) Tj ETQq1 1 0,784314 rgBT /Over 1560-1566.	1.0	36
46	Perfusion-weighted MR imaging in persistent hemiplegic migraine. <i>Neuroradiology</i> , 2012, 54, 255-260.	1.1	35
47	Spatial Distribution of Cerebral White Matter Lesions Predicts Progression to Mild Cognitive Impairment and Dementia. <i>PLoS ONE</i> , 2013, 8, e56972.	1.1	35
48	Endovascular treatment of tandem occlusions of the anterior cerebral circulation with solitaire FR thrombectomy system. Initial experience. <i>European Journal of Radiology</i> , 2012, 81, 3479-3484.	1.2	34
49	Mechanical ventilation in ischemic stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2004, 13, 183-188.	0.7	33
50	Metabolic syndrome and localization of white matter hyperintensities in the elderly population. , 2012, 8, S88-S95.e1.		33
51	Solitaire AB stent-assisted coiling of wide-necked intracranial aneurysms: short-term results from a prospective, consecutive, European multicentric study. <i>Neuroradiology</i> , 2013, 55, 1373-1378.	1.1	31
52	GREATâ€a randomized controlled trial comparing HydroSoft/HydroFrame and bare platinum coils for endovascular aneurysm treatment: procedural safety and core-lab-assessedangiographic results. <i>Neuroradiology</i> , 2016, 58, 777-786.	1.1	31
53	Treatment of Wide-Neck Intracranial Aneurysms with the Woven EndoBridge Device Associated with Stenting: A Single-Center Experience. <i>American Journal of Neuroradiology</i> , 2019, 40, 820-826.	1.2	31
54	Lack of progressive arteriopathy and stroke recurrence among children with cryptogenic stroke. <i>Neurology</i> , 2012, 79, 2342-2348.	1.5	29

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55	Endovascular treatment of symptomatic intracranial stenosis with the Wingspan stent system and Gateway PTA balloon: a multicenter series of 60 patients with acute and midterm results. <i>Journal of Neurosurgery</i> , 2011, 115, 686-693.	0.9	28
56	Treatment of Intracranial Aneurysms with Self-Expandable Braided Stents: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 2064-2069.	1.2	28
57	Patency of the supraclinoid internal carotid artery branches after flow diversion treatment. A meta-analysis. <i>Journal of Neuroradiology</i> , 2019, 46, 9-14.	0.6	25
58	MAGNETIC RESONANCE-BASED DEEP BRAIN STIMULATION TECHNIQUE. <i>Operative Neurosurgery</i> , 2009, 65, ons196-ons202.	0.4	24
59	Multicentric Experience in Distal-to-Proximal Revascularization of Tandem Occlusion Stroke Related to Internal Carotid Artery Dissection. <i>American Journal of Neuroradiology</i> , 2018, 39, 1093-1099.	1.2	24
60	Unruptured intracranial aneurysms treated by three-dimensional coil embolization: evaluation of the postoperative aneurysm occlusion volume. <i>Neuroradiology</i> , 2005, 47, 438-445.	1.1	22
61	EVIDENCE Trial: design of a phase 2, randomized, controlled, multicenter study comparing flow diversion and traditional endovascular strategy in unruptured saccular wide-necked intracranial aneurysms. <i>Neuroradiology</i> , 2015, 57, 49-54.	1.1	20
62	Endovascular Treatment of Symptomatic Intracranial Arterial Stenosis: Six-Year Experience in a Single-Center Series of 42 Consecutive Patients With Acute and Mid-Term Results. <i>Neurosurgery</i> , 2010, 67, 1505-1514.	0.6	19
63	Correlation between Clinical Outcomes and Baseline CT and CT Angiographic Findings in the SWIFT PRIME Trial. <i>American Journal of Neuroradiology</i> , 2017, 38, 2270-2276.	1.2	19
64	Impact of Anesthetic Management on Safety and Outcomes Following Mechanical Thrombectomy for Ischemic Stroke in SWIFT PRIME Cohort. <i>Frontiers in Neurology</i> , 2018, 9, 702.	1.1	19
65	Corpus callosum volumes in bipolar disorders and suicidal vulnerability. <i>Psychiatry Research - Neuroimaging</i> , 2017, 262, 47-54.	0.9	18
66	Flow-Diversion Effect of LEO Stents: Aneurysm Occlusion and Flow Remodeling of Covered Side Branches and Perforators. <i>American Journal of Neuroradiology</i> , 2018, 39, 2057-2063.	1.2	18
67	Predicting Factors of Angiographic Aneurysm Occlusion after Treatment with the Woven EndoBridge Device: A Single-Center Experience with Midterm Follow-Up. <i>American Journal of Neuroradiology</i> , 2019, 40, 1773-1778.	1.2	18
68	Comparison of Prasugrel and Clopidogrel Used as Antiplatelet Medication for Endovascular Treatment of Unruptured Intracranial Aneurysms: A Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2019, 40, 681-686.	1.2	18
69	Relationship between cochleovestibular disorders in hemifacial spasm and neurovascular compression. <i>Laryngoscope</i> , 1999, 109, 741-747.	1.1	17
70	Favorable Bridging Therapy Based on DWI-FLAIR Mismatch in Patients with Unclear-Onset Stroke. <i>American Journal of Neuroradiology</i> , 2016, 37, 88-93.	1.2	16
71	Flow-Diversion Treatment for Unruptured Nonsaccular Intracranial Aneurysms of the Posterior and Distal Anterior Circulation: A Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2020, 41, 134-139.	1.2	16
72	Diversion-p64: results from an international, prospective, multicenter, single-arm post-market study to assess the safety and effectiveness of the p64 flow modulation device. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 898-903.	2.0	16

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73	Internal derangement of the temporomandibular joint: is there still a place for ultrasound?. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2012, 113, 832-840.	0.2	15
74	Corpus callosum size may predict late-life depression in women: A 10-year follow-up study. Journal of Affective Disorders, 2014, 165, 16-23.	2.0	15
75	Biometry of the temporomandibular joint using computerized tomography. Surgical and Radiologic Anatomy, 2014, 36, 933-939.	0.6	15
76	GREATâ€”a randomized aneurysm trial. Design of a randomized controlled multicenter study comparing HydroSoft/HydroFrame and bare platinum coils for endovascular aneurysm treatment. Neuroradiology, 2015, 57, 599-604.	1.1	15
77	Cognitive Impairment and Basal Ganglia Functional Connectivity in Vascular Parkinsonism. American Journal of Neuroradiology, 2016, 37, 2310-2316.	1.2	15
78	Chronic occlusion of the internal carotid artery: Endovascular revascularization technique of long occlusive lesions. Journal of Neuroradiology, 2020, 47, 318-322.	0.6	15
79	Anterior cranial fossa dural arteriovenous fistula: Transarterial embolization from the ophthalmic artery as first-line treatment. Journal of Neuroradiology, 2021, 48, 207-214.	0.6	15
80	Outcome in Direct Versus Transfer Patients in the DAWN Controlled Trial. Stroke, 2019, 50, 2163-2167.	1.0	14
81	Antiplatelet Therapy in Patients with Aneurysmal SAH: Impact on Delayed Cerebral Ischemia and Clinical Outcome. A Meta-Analysis. American Journal of Neuroradiology, 2019, 40, 1201-1206.	1.2	14
82	Onset to reperfusion time as a determinant of outcomes across a wide range of ASPECTS in endovascular thrombectomy: pooled analysis of the SWIFT, SWIFT PRIME, and STAR studies. Journal of NeuroInterventional Surgery, 2020, 12, 240-245.	2.0	14
83	Predictors of Favorable Outcome after Endovascular Thrombectomy in MRI: Selected Patients with Acute Basilar Artery Occlusion. American Journal of Neuroradiology, 2020, 41, 1670-1676.	1.2	14
84	Mechanical Thrombectomy in Nighttime Hours: Is There a Difference in 90-Day Clinical Outcome for Patients with Ischemic Stroke?. American Journal of Neuroradiology, 2021, 42, 530-537.	1.2	14
85	Microbleeds, Cerebral Hemorrhage, and Functional Outcome After Endovascular Thrombectomy. Neurology, 2021, 96, e1724-e1731.	1.5	14
86	Neurologic and Vascular Abnormalities in Klippel-Trenaunay-Weber Syndrome. JAMA Neurology, 2013, 70, 127.	4.5	11
87	Diffusion tensor imaging differentiates vascular parkinsonism from parkinsonian syndromes of degenerative origin in elderly subjects. European Journal of Radiology, 2014, 83, 2074-2079.	1.2	11
88	Modified Brain Activations of the Nondamaged Hemisphere During Ipsilesional Upper-Limb Movement in Persons With Initial Severe Motor Deficits Poststroke. Neurorehabilitation and Neural Repair, 2018, 32, 34-45.	1.4	11
89	Depression in elderly persons subject to childhood maltreatment is not modulated by corpus callosum and hippocampal loss. Journal of Affective Disorders, 2012, 141, 294-299.	2.0	10
90	Shortening time to reperfusion after transfer from a primary to a comprehensive stroke center. Neurology: Clinical Practice, 2019, 9, 417-423.	0.8	10

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91	A Regional Network Organization for Thrombectomy for Acute Ischemic Stroke in the Anterior Circulation; Timing, Safety, and Effectiveness. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 259-266.	0.7	10
92	Left arm monoballism as a relapse in multiple sclerosis. <i>Movement Disorders</i> , 1997, 12, 1091-1092.	2.2	9
93	Balloon Remodeling May Improve Angiographic Results of Stent-Assisted Coiling of Unruptured Intracranial Aneurysms. <i>Neurosurgery</i> , 2015, 76, 441-445.	0.6	9
94	Anterior Circulation Acute Ischemic Stroke Associated with Atherosclerotic Lesions of the Cervical ICA: A Nosologic Entity Apart. <i>American Journal of Neuroradiology</i> , 2017, 38, 2138-2145.	1.2	9
95	White Matter Hyperintensity Burden and Collateral Circulation in Large Vessel Occlusion Stroke. <i>Stroke</i> , 2021, 52, 3848-3854.	1.0	9
96	Multi-centric European post-market follow-up study of the Neuroform Atlas Stent System: primary results. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 694-698.	2.0	8
97	Bilateral Idiopathic Occlusion of the Foramina of Monro. <i>European Neurology</i> , 2012, 67, 167-167.	0.6	7
98	Quantitative susceptibility mapping in superficial hemosiderosis of the central nervous system. <i>Journal of Neuroradiology</i> , 2015, 42, 370-372.	0.6	6
99	Role of neuroimaging in the diagnosis of hereditary cerebellar ataxias in childhood. <i>Journal of Neuroradiology</i> , 2016, 43, 176-185.	0.6	6
100	HIV-associated vasculopathy: Potential pitfall for IV thrombolysis and indication for vessel wall imaging. <i>Journal of Neuroradiology</i> , 2016, 43, 415-417.	0.6	6
101	Optimal intracranial pressure in patients with aneurysmal subarachnoid hemorrhage treated with coiling and requiring external ventricular drainage. <i>Neurosurgical Review</i> , 2021, 44, 1191-1204.	1.2	6
102	Toward accurate volumetry of brain aneurysms: Combination of an algorithm for automatic thresholding with a 3D eraser tool. <i>Journal of Neuroscience Methods</i> , 2011, 198, 294-300.	1.3	5
103	Teaching Neuro <i>Images</i> : Intermittent symptomatic occlusion of the vertebral artery caused by a cervical osteophyte. <i>Neurology</i> , 2013, 80, e54.	1.5	5
104	WEB-assisted microwire navigation for the treatment of complex wide-neck intracranial aneurysms: Technical note. <i>Journal of Neuroradiology</i> , 2020, 47, 323-327.	0.6	5
105	Safety and efficacy of the Silk flow diverter: Insight from the DIVERSION prospective cohort study. <i>Journal of Neuroradiology</i> , 2021, 48, 293-298.	0.6	5
106	Endovascular therapeutic strategies in ruptured intracranial aneurysms. <i>European Journal of Radiology</i> , 2013, 82, 1646-1652.	1.2	4
107	Endovascular treatment of unruptured intracranial aneurysms and circulating endothelial cells. <i>European Journal of Radiology</i> , 2013, 82, 671-679.	1.2	4
108	Giant cell arteritis with severe bilateral involvement of the intracranial arteries. <i>Journal of Neuroradiology</i> , 2014, 41, 144-147.	0.6	4

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109	Reversible growth failure and complete GH deficiency in a 4-year-old girl with very early Hashimoto's thyroiditis and subsequent hyperplasia of pituitary thyrotroph cells. <i>European Journal of Pediatrics</i> , 2016, 175, 1119-1122.	1.3	4
110	Flow-Diversion Treatment for Unruptured ICA Bifurcation Aneurysms with Unfavorable Morphology for Coiling. <i>American Journal of Neuroradiology</i> , 2021, 42, 1087-1092.	1.2	3
111	Serial ASPECTS in the DAWN Trial. <i>Stroke</i> , 2021, 52, 3318-3324.	1.0	3
112	Polyarteritis Nodosa Associated with Essential Mixed Cryoglobulinemia Revealed by Subarachnoid Hemorrhage. <i>Internal Medicine</i> , 2011, 50, 2905-2909.	0.3	2
113	Place de la thrombectomie mÃ©canique dans le traitement de lâ€™accident vasculaire cÃ©rÃ©bral Ã la phase aiguÃ©. <i>Pratique Neurologique - FMC</i> , 2013, 4, 93-96.	0.1	2
114	A symptomatic atherosclerotic persistent pharyngo-hyo-stapedial artery: Treatment management and embryological considerations. <i>Interventional Neuroradiology</i> , 2020, 26, 675-680.	0.7	2
115	Mid-term clinical and angiographic results of cerebral aneurysms treated with matrix2Ã© coils. <i>Journal of Neuroradiology</i> , 2012, 39, 326-331.	0.6	0
116	The twelve cranial nerves: A singular exploration. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 923.	1.8	0