Johannes Alex Rolf Pfaff

List of Publications by Year
in descending order

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Version: 2024-02-01

77 papers	2,577 citations	270111 25 h-index	242451 47 g-index
77 all docs	77 docs citations	77 times ranked	3583 citing authors

#	Article	IF	Citations
1	Meningeal Metastasis Causing Chronic Subdural Hematoma in a Cancer Patient with Bilateral Papilledema and Suspected Cerebral Venous Thrombosis: A Case Report. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2024, 85, 105-111.	0.4	0
2	Diagnostic accuracy of automated occlusion detection in CT angiography using e-CTA. International Journal of Stroke, 2022, 17, 77-82.	2.9	16
3	Variability of acquisition phase of computed tomography angiography in acute ischemic stroke in a real-world scenario. European Radiology, 2022, 32, 281-289.	2.3	3
4	Simulationâ€based training improves process times in acute stroke care (STREAM). European Journal of Neurology, 2022, 29, 138-148.	1.7	13
5	Direct to angiography suite approaches for the triage of suspected acute stroke patients: a systematic review and meta-analysis. Therapeutic Advances in Neurological Disorders, 2022, 15, 17562864221078177.	1.5	9
6	Spontaneous spinal cord infarction in Austria: a two-center comparative study. Therapeutic Advances in Neurological Disorders, 2022, 15, 175628642210763.	1.5	5
7	Reasons for Failed Mechanical Thrombectomy in Posterior Circulation Ischemic Stroke Patients. Clinical Neuroradiology, 2021, 31, 745-752.	1.0	17
8	Response by Pfaff et al to Letter Regarding Article, â€œDirect Transfer to Angio-Suite Versus Computed Tomography-Transit in Patients Receiving Mechanical Thrombectomy: a Randomized Trialâ€• Stroke, 2021, 52, e28.	1.0	2
9	Combined Perfusion and Permeability Imaging Reveals Different Pathophysiologic Tissue Responses After Successful Thrombectomy. Translational Stroke Research, 2021, 12, 799-807.	2.3	13
10	Dynamics of cerebral perfusion and oxygenation parameters following endovascular treatment of acute ischemic stroke. Journal of NeuroInterventional Surgery, 2021, , neurintsurg-2020-017163.	2.0	7
11	Variability of computed tomography angiography coverage of lung parenchyma in acute stroke. Neurological Research and Practice, 2021, 3, 10.	1.0	1
12	Accuracy and reliability of PBV ASPECTS, CBV ASPECTS and NCCT ASPECTS in acute ischaemic stroke: a matched-pair analysis. Neuroradiology Journal, 2021, 34, 585-592.	0.6	4
13	Hemodynamic Status During Endovascular Stroke Treatment: Association of Blood Pressure with Functional Outcome. Neurocritical Care, 2021, 35, 825-834.	1.2	10
14	Neuroradiological emergency consultations during the first year of the COVID-19 pandemic. Neurological Research and Practice, 2021, 3, 47.	1.0	1
15	Optimal thresholds to predict long-term outcome after complete endovascular recanalization in acute anterior ischemic stroke. Journal of NeuroInterventional Surgery, 2021, 13, 1124-1127.	2.0	6
16	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. Clinical Neuroradiology, 2021, 31, 1093-1100.	1.0	42
17	Emergency intubation during thrombectomy for acute ischemic stroke in patients under primary procedural sedation. Neurological Research and Practice, 2021, 3, 27.	1.0	1
18	Comparison of Superior and Inferior Division Occlusions Treated with Endovascular Thrombectomy. Clinical Neuroradiology, 2020, 30, 339-343.	1.0	11

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19	e-ASPECTS derived acute ischemic volumes on non-contrast-enhanced computed tomography images. International Journal of Stroke, 2020, 15, 995-1001.	2.9	17
20	Radiation exposure and fluoroscopy time in mechanical thrombectomy of anterior circulation ischemic stroke depending on the interventionalistâ€™s experienceâ€”a retrospective single center experience. European Radiology, 2020, 30, 1564-1570.	2.3	17
21	Acute thromboses and occlusions of dual layer carotid stents in endovascular treatment of tandem occlusions. Journal of NeuroInterventional Surgery, 2020, 12, 33-37.	2.0	16
22	Collateral Scores in Acute Ischemic Stroke. Clinical Neuroradiology, 2020, 30, 789-793.	1.0	19
23	Multimodal Predictive Modeling of Endovascular Treatment Outcome for Acute Ischemic Stroke Using Machine-Learning. Stroke, 2020, 51, 3541-3551.	1.0	83
24	Direct Transfer to Angio-Suite Versus Computed Tomographyâ€“Transit in Patients Receiving Mechanical Thrombectomy. Stroke, 2020, 51, 2630-2638.	1.0	34
25	The impact of the DWI-FLAIR-mismatch in the ECASS-4 trial â€“ A post hoc analysis. European Stroke Journal, 2020, 5, 370-373.	2.7	5
26	Safety of Mechanical Thrombectomy with Combined Intravenous Thrombolysis in Stroke Treatment 4.5 to 9 Hours from Symptom Onset. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105204.	0.7	8
27	Effect of treatment technique on radiation exposure in mechanical thrombectomy for acute ischaemic stroke: A matched-pair analysis. Neuroradiology Journal, 2020, 33, 286-291.	0.6	6
28	Radiation exposure per thrombectomy attempt in modern endovascular stroke treatment in the anterior circulation. European Radiology, 2020, 30, 5039-5047.	2.3	6
29	Radiation exposure in endovascular stroke treatment of acute basilar artery occlusionsâ€”a matched-pair analysis. Neuroradiology, 2020, 62, 1701-1707.	1.1	4
30	Impact of slice thickness on clinical utility of automated Alberta Stroke Program Early Computed Tomography Scores. European Radiology, 2020, 30, 3137-3145.	2.3	12
31	Tandem occlusions in acute ischemic stroke â€“ impact of antithrombotic medication and complementary heparin on clinical outcome and stent patency. Journal of NeuroInterventional Surgery, 2020, 12, 1088-1093.	2.0	15
32	Effect of mode of anesthesia on radiation exposure in patients undergoing endovascular recanalization of anterior circulation embolic stroke. Journal of NeuroInterventional Surgery, 2020, 12, 455-459.	2.0	5
33	Distal arterial occlusions in patients with mild strokes â€“ is endovascular therapy superior to thrombolysis alone?. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104868.	0.7	9
34	Computer-aided imaging analysis in acute ischemic stroke â€“ background and clinical applications. Neurological Research and Practice, 2019, 1, 23.	1.0	51
35	Association of General Anesthesia vs Procedural Sedation With Functional Outcome Among Patients With Acute Ischemic Stroke Undergoing Thrombectomy. JAMA - Journal of the American Medical Association, 2019, 322, 1283.	3.8	140
36	The KEEP SIMPLEST Study: Improving In-House Delays and Periinterventional Management in Stroke Thrombectomyâ€”A Matched Pair Analysis. Neurocritical Care, 2019, 31, 46-55.	1.2	12

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37	Prediction of intracranial hemorrhages after mechanical thrombectomy of basilar artery occlusion. Journal of NeuroInterventional Surgery, 2019, 11, 1181-1186.	2.0	17
38	Extending thrombolysis to 4Â·5â€“9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. Lancet, The, 2019, 394, 139-147.	6.3	321
39	Risk factors of intracranial hemorrhage after mechanical thrombectomy of anterior circulation ischemic stroke. Neuroradiology, 2019, 61, 461-469.	1.1	57
40	Simulation-Based Training of the Rapid Evaluation and Management of Acute Stroke (STREAM)â€”A Prospective Single-Arm Multicenter Trial. Frontiers in Neurology, 2019, 10, 969.	1.1	9
41	CT Reconstruction Levels Affect Automated and Readerâ€Based ASPECTS Ratings in Acute Ischemic Stroke. Journal of Neuroimaging, 2019, 29, 62-64.	1.0	20
42	Delivery Assist Catheters. Clinical Neuroradiology, 2019, 29, 661-667.	1.0	10
43	Clinical Outcome after Thrombectomy in Patients with Stroke with Premorbid Modified Rankin Scale Scores of 3 and 4: A Cohort Study with 136 Patients. American Journal of Neuroradiology, 2019, 40, 283-286.	1.2	28
44	Simplified selection criteria for patients with longer or unknown time to treatment predict good outcome after mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2019, 11, 559-562.	2.0	45
45	Management of Patients with Acute Subdural Hemorrhage During Treatment with Direct Oral Anticoagulants. Neurocritical Care, 2019, 30, 322-333.	1.2	10
46	Mechanical Thrombectomy Using the new Solitaireâ„¢ Platinum Stent-retriever. Clinical Neuroradiology, 2019, 29, 311-319.	1.0	18
47	Association of Blood Pressure With Short- and Long-Term Functional Outcome After Stroke Thrombectomy. Stroke, 2018, 49, 1451-1456.	1.0	56
48	Clinical results of a new concept of neurothrombectomy coverage at a remote hospitalâ€”â€œdrive the doctorâ€• International Journal of Stroke, 2018, 13, 696-699.	2.9	26
49	First Experiences with the New Enterprise2Â® Stent. Clinical Neuroradiology, 2018, 28, 201-207.	1.0	13
50	Evaluation of a novel liquid embolic agent (precipitating hydrophobic injectable liquid (PHIL)) in an animal endovascular embolization model. Journal of NeuroInterventional Surgery, 2018, 10, 268-274.	2.0	29
51	Effect of General Anesthesia versus Conscious Sedation for Stroke Thrombectomy on Angiographic Workflow in a Randomized Trial: A Post Hoc Analysis of the SIESTA Trial. Radiology, 2018, 286, 1016-1021.	3.6	20
52	Value of Contrast-Enhanced MRA versus Time-of-Flight MRA in Acute Ischemic Stroke MRI. American Journal of Neuroradiology, 2018, 39, 1710-1716.	1.2	39
53	Clinical Outcome After Mechanical Thrombectomy in Non-elderly Patients with Acute Ischemic Stroke in the Anterior Circulation: Primary Admission Versus Patients Referred from Remote Hospitals. Clinical Neuroradiology, 2017, 27, 185-192.	1.0	19
54	A novel method to assess pial collateralization from stroke perfusion MRI:Âsubdividing Tmax into anatomical compartments. European Radiology, 2017, 27, 618-626.	2.3	15

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55	Impact of thrombus length on recanalization and clinical outcome following mechanical thrombectomy in acute ischemic stroke. Journal of NeuroInterventional Surgery, 2017, 9, 937-939.	2.0	30
56	Combined proximal balloon occlusion and distal aspiration: a new approach to prevent distal embolization during neurothrombectomy. Journal of NeuroInterventional Surgery, 2017, 9, 346-351.	2.0	55
57	Minor Stroke Syndromes in Large-Vessel Occlusions: Mechanical Thrombectomy or Thrombolysis Only?. American Journal of Neuroradiology, 2017, 38, 1177-1179.	1.2	48
58	Correlation of Thrombectomy Maneuver Count with Recanalization Success and Clinical Outcome in Patients with Ischemic Stroke. American Journal of Neuroradiology, 2017, 38, 1368-1371.	1.2	53
59	Classification of Bleeding Events. Stroke, 2017, 48, 1983-1985.	1.0	61
60	Liquid Embolic Agents for Endovascular Embolization: Evaluation of an Established (Onyx) and a Novel (PHIL) Embolic Agent in an In Vitro AVM Model. American Journal of Neuroradiology, 2017, 38, 1377-1382.	1.2	44
61	e-ASPECTS Correlates with and Is Predictive of Outcome after Mechanical Thrombectomy. American Journal of Neuroradiology, 2017, 38, 1594-1599.	1.2	55
62	The Impact of Conscious Sedation versus General Anesthesia for Stroke Thrombectomy on the Predictive Value of Collateral Status: A Post Hoc Analysis of the SIESTA Trial. American Journal of Neuroradiology, 2017, 38, 1580-1585.	1.2	10
63	Outcome of patients with proximal vessel occlusion of the anterior circulation and DWI-PWI mismatch is time-dependent. European Journal of Radiology, 2017, 91, 82-87.	1.2	14
64	Influence of Renal Function on Treatment Results after Stroke Thrombectomy. Cerebrovascular Diseases, 2017, 44, 351-358.	0.8	27
65	Correlation of T_{max} volumes with clinical outcome in anterior circulation stroke. Brain and Behavior, 2017, 7, e00772.	1.0	14
66	Peripheral nerve involvement in multiple sclerosis: Demonstration by magnetic resonance neurography. Annals of Neurology, 2017, 82, 676-685.	2.8	54
67	Influence of a combined CT/C-arm system on periprocedural workflow and procedure times in mechanical thrombectomy. European Radiology, 2017, 27, 3966-3972.	2.3	10
68	Endovascular Stroke Treatment of Nonagenarians. American Journal of Neuroradiology, 2017, 38, 299-303.	1.2	31
69	Mechanical Thrombectomy in Patients with Acute Ischemic Stroke and Lower NIHSS Scores: Recanalization Rates, Periprocedural Complications, and Clinical Outcome. American Journal of Neuroradiology, 2016, 37, 2066-2071.	1.2	42
70	Effect of Conscious Sedation vs General Anesthesia on Early Neurological Improvement Among Patients With Ischemic Stroke Undergoing Endovascular Thrombectomy. JAMA - Journal of the American Medical Association, 2016, 316, 1986.	3.8	402
71	One-pass endovascular treatment of intracranial atherosclerotic stenosis with a novel PTA balloon and self-expanding microstent. Neuroradiology, 2016, 58, 893-899.	1.1	6
72	Mechanical thrombectomy using a combined CT/C-arm X-ray system. Journal of NeuroInterventional Surgery, 2016, 8, 621-625.	2.0	8

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73	Mechanical Thrombectomy of Distal Occlusions in the Anterior Cerebral Artery: Recanalization Rates, Periprocedural Complications, and Clinical Outcome. American Journal of Neuroradiology, 2016, 37, 673-678.	1.2	63
74	Predicting the Response to Intravenous Immunoglobulins in an Animal Model of Chronic Neuritis. PLoS ONE, 2016, 11, e0164099.	1.1	4
75	Sedation vs. Intubation for Endovascular Stroke TreAtment (SIESTA) â€“ A Randomized Monocentric Trial. International Journal of Stroke, 2015, 10, 969-978.	2.9	80
76	Prevention of adverse drug reactions in intensive care patients by personal intervention based on an electronic clinical decision support system. Intensive Care Medicine, 2010, 36, 665-672.	3.9	76
77	Pro-active provision of drug information as a technique to address overdosing in intensive-care patients with renal insufficiency. European Journal of Clinical Pharmacology, 2009, 65, 823-829.	0.8	18