

Anna Luisa KÃ¼hn

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,136
citations

331670

21
h-index

265206

42
g-index

103
all docs

103
docs citations

103
times ranked

3118
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. <i>Lancet, The</i> , 2020, 395, 878-887.	13.7	400
2	Reduction in Distal Emboli With Proximal Flow Control During Mechanical Thrombectomy. <i>Stroke</i> , 2013, 44, 1396-1401.	2.0	193
3	ARTS (Aspirationâ€“Retriever Technique for Stroke): Initial clinical experience. <i>Interventional Neuroradiology</i> , 2016, 22, 325-332.	1.1	144
4	Noncontrast Computed Tomography vs Computed Tomography Perfusion or Magnetic Resonance Imaging Selection in Late Presentation of Stroke With Large-Vessel Occlusion. <i>JAMA Neurology</i> , 2022, 79, 22.	9.0	137
5	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021, 16, 573-584.	5.9	104
6	Direct Intracranial Injection of AAVrh8 Encoding Monkey Î²-N-Acetylhexosaminidase Causes Neurotoxicity in the Primate Brain. <i>Human Gene Therapy</i> , 2017, 28, 510-522.	2.7	66
7	Endovascular treatment of tandem vascular occlusions in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 158-163.	3.3	50
8	Ultrasonography of the scrotum in adults. <i>Ultrasonography</i> , 2016, 35, 180-197.	2.3	42
9	Distal radial access in the anatomical snuffbox for neurointerventions: a feasibility, safety, and proof-of-concept study. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 798-801.	3.3	40
10	Endovascular reconstruction of unruptured intradural vertebral artery dissecting aneurysms with the Pipeline embolization device. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 1048-1051.	3.3	37
11	Decline in subarachnoid haemorrhage volumes associated with the first wave of the COVID-19 pandemic. <i>Stroke and Vascular Neurology</i> , 2021, 6, 542-552.	3.3	35
12	Simple Measurement of Aneurysm Residual after Treatment: the SMART scale for evaluation of intracranial aneurysms treated with flow diverters. <i>Acta Neurochirurgica</i> , 2012, 154, 21-26.	1.7	34
13	Hyperperfusion syndrome after carotid stent angioplasty. <i>Neuroradiology</i> , 2009, 51, 169-174.	2.2	33
14	Endovascular Stroke Treatment Today. <i>American Journal of Neuroradiology</i> , 2011, 32, 238-243.	2.4	33
15	A2, M2, P2 aneurysms and beyond: results of treatment with pipeline embolization device in 65 patients. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 903-907.	3.3	32
16	Use of the Pipeline embolization device for recurrent and residual cerebral aneurysms: a safety and efficacy analysis with short-term follow-up. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1208-1213.	3.3	31
17	Two-year single-center experience with the â€“Baby Trevoâ€“™ stent retriever for mechanical thrombectomy in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 541-546.	3.3	31
18	Introduction: History and Development of Flow Diverter Technology and Evolution. <i>Neurosurgery</i> , 2020, 86, S3-S10.	1.1	29

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19	New mechanical recanalization devices - the future in pediatric stroke treatment?. Journal of Invasive Cardiology, 2010, 22, 63-6.	0.4	28
20	Ischaemic stroke associated with COVID-19 and racial outcome disparity in North America. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1362-1364.	1.9	27
21	Flow diverter stents for unruptured saccular anterior circulation perforating artery aneurysms: safety, efficacy, and short-term follow-up. Journal of NeuroInterventional Surgery, 2015, 7, 634-640.	3.3	26
22	Endovascular treatment of anterior cranial fossa dural arteriovenous fistula: a multicenter series. Neuroradiology, 2021, 63, 259-266.	2.2	23
23	Use of self-expanding stents for better intracranial flow diverter wall apposition. Interventional Neuroradiology, 2017, 23, 129-136.	1.1	21
24	Endovascular techniques for achievement of better flow diverter wall apposition. Interventional Neuroradiology, 2019, 25, 344-347.	1.1	21
25	Acute ischaemic stroke associated with SARS-CoV-2 infection in North America. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 360-368.	1.9	20
26	Stent-assisted coil embolization of aneurysms with small parent vessels: safety and efficacy analysis. Journal of NeuroInterventional Surgery, 2016, 8, 581-585.	3.3	19
27	Flow-diverter stents for endovascular management of non-fetal posterior communicating artery aneurysmsâ€”analysis on aneurysm occlusion, vessel patency, and patient outcome. Interventional Neuroradiology, 2018, 24, 363-374.	1.1	19
28	Distal radial artery (snuffbox) access for carotid artery stenting â€” Technical pearls and procedural set-up. Interventional Neuroradiology, 2021, 27, 241-248.	1.1	19
29	Influence of Coil Geometry on Intra-Aneurysmal Packing Density: Evaluation of a New Primary Wind Technology. Vascular and Endovascular Surgery, 2010, 44, 289-293.	0.7	17
30	Pipeline Embolization Device for Pericallosal Artery Aneurysms: A Retrospective Single Center Safety and Efficacy Study. Operative Neurosurgery, 2018, 14, 351-358.	0.8	16
31	Characteristics of a COVID-19 Cohort With Large Vessel Occlusion: A Multicenter International Study. Neurosurgery, 2022, 90, 725-733.	1.1	16
32	Vitamin B1 in the treatment of Wernickeâ€™s encephalopathy due to hyperemesis after gastroplasty. Journal of Clinical Neuroscience, 2012, 19, 1303-1305.	1.5	15
33	Comparison of Stent Free Cell Area and Cerebral Lesions after Unprotected Carotid Artery Stent Placement. European Journal of Vascular and Endovascular Surgery, 2012, 43, 10-14.	1.5	15
34	Double embolic protection during carotid artery stenting with persistent hypoglossal artery. BMJ Case Reports, 2013, 2013, bcr2013010709-bcr2013010709.	0.5	15
35	Multicenter Study for the Treatment of Sidewall versus Bifurcation Intracranial Aneurysms with Use of Woven EndoBridge (WEB). Radiology, 2022, 304, 372-382.	7.3	14
36	MR Imaging of Myeloperoxidase Activity in a Model of the Inflamed Aneurysm Wall. American Journal of Neuroradiology, 2015, 36, 146-152.	2.4	13

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37	Outcomes after coverage of lenticulostriate vessels by flow diverters: a multicenter experience. <i>Journal of Neurosurgery</i> , 2020, 132, 473-480.	1.6	13
38	Emergent Endovascular Management of Long-Segment and Flow-Limiting Carotid Artery Dissections in Acute Ischemic Stroke Intervention with Multiple Tandem Stents. <i>American Journal of Neuroradiology</i> , 2017, 38, 97-104.	2.4	12
39	Flow Diversion for Treatment of Partially Thrombosed Aneurysms: A Multicenter Cohort. <i>World Neurosurgery</i> , 2020, 135, e164-e173.	1.3	12
40	Biomechanics and hemodynamics of stent-retrievers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2350-2365.	4.3	12
41	Age and Acute Ischemic Stroke Outcome in North American Patients With COVID-19. <i>Journal of the American Heart Association</i> , 2021, 10, e021046.	3.7	12
42	Anatomic Snuffbox (Distal Radial Artery) and Radial Artery Access for Treatment of Intracranial Aneurysms with FDA-Approved Flow Diverters. <i>American Journal of Neuroradiology</i> , 2021, 42, 487-492.	2.4	12
43	Target delineation for radiosurgery of a small brain arteriovenous malformation using high-resolution contrast-enhanced cone beam CT. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, e34-e34.	3.3	11
44	Reconstructive vs Deconstructive Endovascular Approach to Intradural Vertebral Artery Aneurysms: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2020, 87, 383-393.	1.1	11
45	Mechanical thrombectomy beyond the circle of Willis: efficacy and safety of different techniques for M2 occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017425.	3.3	11
46	Proximal protection with the Gore PAES can reduce DWI lesion size in high-grade stenosis during carotid stenting. <i>EuroIntervention</i> , 2014, 10, 271-276.	3.2	11
47	Double embolic protection during carotid artery stenting with persistent hypoglossal artery. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, e23-e23.	3.3	10
48	Distal radial artery (Snuffbox) access for intracranial aneurysm treatment using the Woven EndoBridge (WEB) device. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 310-315.	1.5	10
49	Different Factors Influence Recanalisation Rate After Coiling in Ruptured and Unruptured Intracranial Aneurysms. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 228-232.	1.4	10
50	Ischemic Stroke in Children: New Aspects of Treatment. <i>Journal of Pediatrics</i> , 2011, 159, 366-370.	1.8	9
51	Vertebral artery aneurysms and the risk of cord infarction following spinal artery coverage during flow diversion. <i>Journal of Neurosurgery</i> , 2020, 134, 1-10.	1.6	9
52	Unilateral Nonvisualization of a Transverse Dural Sinus on Phase-Contrast MRV: Frequency and Differentiation from Sinus Thrombosis on Noncontrast MRI. <i>American Journal of Neuroradiology</i> , 2020, 41, 115-121.	2.4	8
53	Utilization of a New Intracranial Support Catheter as an Intermediate Aspiration Catheter in the Treatment of Acute Ischemic Stroke: Technical Report on Initial Experience. <i>Cureus</i> , 2016, 8, e617.	0.5	8
54	Endoluminal flow diverting stents for middle cerebral artery bifurcation aneurysms: multicenter cohort. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1084-1089.	3.3	8

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55	Visualization of a small hidden intracranial aneurysm during endovascular thrombectomy for acute MCA occlusion. <i>Journal of Vascular and Interventional Neurology</i> , 2014, 7, 47-9.	1.1	8
56	Bypass for Innominate Artery Occlusive Disease. <i>World Neurosurgery</i> , 2018, 116, 225.	1.3	7
57	Current Management and Treatment of Cerebral Vasospasm Complicating SAH. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 233-241.	1.4	7
58	Repeat Flow Diversion for Cerebral Aneurysms Failing Prior Flow Diversion: Safety and Feasibility From Multicenter Experience. <i>Stroke</i> , 2022, 53, 1178-1189.	2.0	7
59	Impact of age on cerebral aneurysm occlusion after flow diversion. <i>Journal of Clinical Neuroscience</i> , 2019, 65, 23-27.	1.5	6
60	Walrus large bore guide catheter impact on recanalization first pass effect and outcomes: the WICKED study. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 280-285.	3.3	6
61	Transradial versus transfemoral access for embolization of intracranial aneurysms with the Woven EndoBridge device: a propensity score-matched study. <i>Journal of Neurosurgery</i> , 2022, 137, 1064-1071.	1.6	6
62	Comparing treatment outcomes of various intracranial bifurcation aneurysms locations using the Woven EndoBridge (WEB) device. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 558-565.	3.3	6
63	First description of posterior reversible encephalopathy syndrome as a complication of glycerolnitrate patch following open cardiac surgery. <i>Acta Neurologica Scandinavica</i> , 2011, 124, 218-220.	2.1	5
64	Use of Intermediate Guide Catheters as an Adjunct in Extracranial Embolization to Avoid Onyx Reflux into the Anastomotic Vasculature. <i>Interventional Neuroradiology</i> , 2014, 20, 424-427.	1.1	5
65	AAV Gene Therapy Strategies for Lysosomal Storage Disorders with Central Nervous System Involvement. <i>NeuroMethods</i> , 2015, , 265-295.	0.3	5
66	Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 709-717.	3.3	5
67	Controversies around Carotid Stenting. <i>Acta Chirurgica Belgica</i> , 2011, 111, 63-67.	0.4	4
68	Treatment of elastase-induced intracranial aneurysms in New Zealand white rabbits by use of a novel neurovascular embolization stent device. <i>Neuroradiology</i> , 2014, 56, 59-65.	2.2	4
69	Traumatic incudomalleolar disarticulation. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 242-243.	1.5	4
70	Biphenotypic sinonasal sarcoma - Description of radiologic, intraoperative and pathologic findings. <i>Otolaryngology Case Reports</i> , 2019, 11, 100113.	0.1	4
71	Role of Surgical Intervention for Intracranial Dural Arteriovenous Fistulas With Cortical Venous Drainage in an Endovascular Era: A Case Series. <i>Operative Neurosurgery</i> , 2021, 20, 364-372.	0.8	4
72	Interdisciplinary management of acute ischaemic stroke - current evidence on training requirements for endovascular stroke treatment. Position Paper from the ESC Council on Stroke and the European Association for Percutaneous Cardiovascular Interventions with the support of the European Board of Neurointervention: A step forward. <i>Postępy W Kardiologii Interwencyjnej</i> , 2021, 17, 245-250.	0.2	4

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73	Preclinical modeling of mechanical thrombectomy. <i>Journal of Biomechanics</i> , 2022, 130, 110894.	2.1	4
74	Super large-bore ingestion of clot (SLIC) leads to high first pass effect in thrombectomy for large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 664-668.	3.3	4
75	Experimental Models of Vascular Occlusions for Evaluation of Thrombectomy Devices. <i>Cardiovascular Engineering and Technology</i> , 2013, 4, 309-322.	1.6	3
76	Flow diverter for endovascular treatment of intracranial mirror segment internal carotid artery aneurysms. <i>Interventional Neuroradiology</i> , 2019, 25, 4-11.	1.1	3
77	Trapped Embolic Protection Device: A Salvage Technique. <i>Cureus</i> , 2020, 12, e9228.	0.5	3
78	Open-cell stent and use of cone-beam CT enables a safe and effective coil embolization of true ophthalmic artery and anterior choroidal artery aneurysms with preservation of parent vessel: Clinical and angiographic results. <i>Interventional Neuroradiology</i> , 2018, 24, 135-139.	1.1	2
79	Current Pediatric Stroke Treatment. <i>World Neurosurgery</i> , 2011, 76, S80-S84.	1.3	1
80	Target delineation for radiosurgery of a small brain arteriovenous malformation using high-resolution contrast-enhanced cone beam CT. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013010763-bcr2013010763.	0.5	1
81	The effect of carotid occlusive disease on the distribution of brain lesions in patients with systemic conditions – an example of PRES. <i>Radiology Case Reports</i> , 2019, 14, 1136-1139.	0.6	1
82	Diagnostic cerebral angiography through a brachioradial artery approach: Case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 20, 100686.	0.3	1
83	Intravascular lithotripsy for severely calcified carotid artery stenosis - A new frontier in carotid artery stenting?. <i>Interventional Neuroradiology</i> , 2023, 29, 768-772.	1.1	1
84	The Use of Stentrievors in Acute Ischemic Stroke: Performance Evaluation in a Patient-Specific Vascular Replica. , 2013, , .		0
85	Intraoperative Aneurysm Rupture during Resection for Presumed Metastasis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104319.	1.6	0
86	Commentary: Overview of Different Flow Diverters and Flow Dynamics. <i>Neurosurgery</i> , 2020, 86, S35-S35.	1.1	0
87	Quantitative In Vivo Evaluation of Neointimal Hyperplasia Using High-Resolution Contrast-Enhanced Cone-Beam Computed Tomography. , 2013, , .		0
88	Modeling Unstable Brain Aneurysms: MR Molecular Imaging of Myeloperoxidase in Vascular Wall and Correlation With Human Pathology. , 2013, , .		0
89	Acutely Symptomatic Hypoperfusion Through an Occluded Subclavian to Internal Carotid Artery Bypass Graft: Salvage Mechanical Thrombectomy and Graft Revascularization. <i>Cureus</i> , 2022, 14, e20881.	0.5	0