Anke HÃ¶llig

List of Publications by Year
in descending order

41 papers	626 citations	623734 14 h-index	610901 24 g-index
44 all docs	44 docs citations	44 times ranked	827 citing authors

#	Article	IF	Citations
1	Results after treatment of craniopharyngiomas: further experiences with 73 patients since 1997. Journal of Neurosurgery, 2012, 116, 373-384.	1.6	82
2	Argon: Systematic Review on Neuro- and Organoprotective Properties of an â€œInertâ€•Gas. International Journal of Molecular Sciences, 2014, 15, 18175-18196.	4.1	44
3	Current perspectives on deep brain stimulation for severe neurological and psychiatric disorders. Neuropsychiatric Disease and Treatment, 2015, 11, 1051.	2.2	43
4	Association of early inflammatory parameters after subarachnoid hemorrhage with functional outcome: A prospective cohort study. Clinical Neurology and Neurosurgery, 2015, 138, 177-183.	1.4	38
5	Post-stroke treatment with argon attenuated brain injury, reduced brain inflammation and enhanced M2 microglia/macrophage polarization: a randomized controlled animal study. Critical Care, 2019, 23, 198.	5.8	36
6	Beneficial Properties of Argon After Experimental Subarachnoid Hemorrhage: Early Treatment Reduces Mortality and Influences Hippocampal Protein Expression*. Critical Care Medicine, 2016, 44, e520-e529.	0.9	35
7	NOTCH4 gene polymorphisms as potential risk factors for brain arteriovenous malformation development and hemorrhagic presentation. Journal of Neurosurgery, 2017, 126, 1552-1559.	1.6	30
8	Endovascular Rescue Therapies for Refractory Vasospasm After Subarachnoid Hemorrhage: A Prospective Evaluation Study Using Multimodal, Continuous Event Neuromonitoring. Neurosurgery, 2017, 80, 942-949.	1.1	30
9	Early Diagnosis of Delayed Cerebral Ischemia: Possible Relevance for Inflammatory Biomarkers in Routine Clinical Practice?. World Neurosurgery, 2017, 104, 152-157.	1.3	28
10	Xenon Reduces Neuronal Hippocampal Damage and Alters the Pattern of Microglial Activation after Experimental Subarachnoid Hemorrhage: A Randomized Controlled Animal Trial. Frontiers in Neurology, 2017, 8, 511.	2.4	25
11	Invasive Multimodal Neuromonitoring in Aneurysmal Subarachnoid Hemorrhage: A Systematic Review. Stroke, 2021, 52, 3624-3632.	2.0	24
12	Time Courses of Inflammatory Markers after Aneurysmal Subarachnoid Hemorrhage and Their Possible Relevance for Future Studies. Frontiers in Neurology, 2017, 8, 694.	2.4	20
13	Experimental Subarachnoid Hemorrhage in Rats: Comparison of Two Endovascular Perforation Techniques with Respect to Success Rate, Confounding Pathologies and Early Hippocampal Tissue Lesion Pattern. PLoS ONE, 2015, 10, e0123398.	2.5	19
14	Neuroprotective properties of dehydroepiandrosterone-sulfate and its relationship to interleukin 6 after aneurysmal subarachnoid hemorrhage: a prospective cohort study. Critical Care, 2015, 19, 231.	5.8	17
15	Argon attenuates the emergence of secondary injury after traumatic brain injury within a 2-hour incubation period compared to desflurane: an in vitro study. Medical Gas Research, 2017, 7, 93.	2.3	15
16	Accuracy and precision of calibrated arterial pulse contour analysis in patients with subarachnoid hemorrhage requiring high-dose vasopressor therapy: a prospective observational clinical trial. Critical Care, 2014, 18, R25.	5.8	14
17	Systemic and Cerebral Concentration of Nimodipine During Established and Experimental Vasospasm Treatment. World Neurosurgery, 2017, 102, 459-465.	1.3	14
18	An altered posterior question-mark incision is associated with a reduced infection rate of cranioplasty after decompressive hemicraniectomy. Journal of Neurosurgery, 2021, 134, 1262-1270.	1.6	14

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19	Desflurane impairs outcome of organotypic hippocampal slices in an in vitro model of traumatic brain injury. Medical Gas Research, 2016, 6, 3.	2.3	13
20	Procalcitonin in the context of delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2020, 135, 29-37.	1.6	12
21	Risk factors of recurrence in chronic subdural hematoma and a proposed extended classification of internal architecture as a predictor of recurrence. Neurosurgical Review, 2022, 45, 2777-2786.	2.4	9
22	Argon treatment after experimental subarachnoid hemorrhage: evaluation of microglial activation and neuronal survival as a subanalysis of a randomized controlled animal trial. Medical Gas Research, 2020, 10, 103.	2.3	8
23	Decompressive hemicraniectomy after aneurysmal subarachnoid hemorrhageâ€"justifiable in light of long-term outcome?. Acta Neurochirurgica, 2022, 164, 1815-1826.	1.7	7
24	Bottlenecks and needs in human-human and human-machine interaction â€“ a view from and into the neurosurgical OR. Biomedizinische Technik, 2016, 61, 135-46.	0.8	6
25	Body mass index and leptin levels in serum and cerebrospinal fluid in relation to delayed cerebral ischemia and outcome after aneurysmal subarachnoid hemorrhage. Neurosurgical Review, 2021, 44, 3547-3556.	2.4	5
26	Noble gases and neuroprotection: summary of current evidence. Current Opinion in Anaesthesiology, 2021, 34, 603-606.	2.0	5
27	Procedural and Methodological Quality in Preclinical Stroke Researchâ€"A Cohort Analysis of the Rat MCAO Model Comparing Periods Before and After the Publication of STAIR/ARRIVE. Frontiers in Neurology, 0, 13, .	2.4	5
28	Randomized Controlled Trials on Intracerebral Hemorrhage: A Cross Sectional Retrospective Analysis of CONSORT Item Adherence. Frontiers in Neurology, 2019, 10, 991.	2.4	4
29	Female Participation in Academic European Neurosurgeryâ€"A Cross-Sectional Analysis. Brain Sciences, 2021, 11, 834.	2.3	4
30	A Retrospective Analysis of Randomized Controlled Trials on Traumatic Brain Injury: Evaluation of CONSORT Item Adherence. Brain Sciences, 2021, 11, 1504.	2.3	3
31	Chronic subdural hematomaâ€"antithrombotics and thrombotic complications. Deutsches Ärzteblatt International, 2022, , .	0.9	3
32	The authors reply. Critical Care Medicine, 2016, 44, e1009.	0.9	2
33	Failed Neuroprotection of Combined Inhibition of L-Type and ASIC1a Calcium Channels with Nimodipine and Amiloride. International Journal of Molecular Sciences, 2020, 21, 8921.	4.1	2
34	Predicting experimental success: A retrospective case-control study using the rat intraluminal thread model of stroke. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	2
35	Changes in endogenous daytime melatonin levels after aneurysmal subarachnoid hemorrhage â€“ Preliminary findings from an observational cohort study. Clinical Neurology and Neurosurgery, 2021, 208, 106870.	1.4	2
36	Post-stroke treatment with argon preserved neurons and attenuated microglia/macrophage activation long-termly in a rat model of transient middle cerebral artery occlusion (tMCAO). Scientific Reports, 2022, 12, 691.	3.3	2

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37	Is Helium Eclipsing Current Thromboembolic Stroke Therapy?*. Critical Care Medicine, 2016, 44, 1257-1258.	0.9	1
38	Circulatory dipeptidyl peptidase 3 (cDPP3) is a potential biomarker for early detection of secondary brain injury after aneurysmal subarachnoid hemorrhage. Journal of the Neurological Sciences, 2021, 422, 117333.	0.6	1
39	Craniopharyngioma: The Benefits of a Conservative Approach. Deutsches Ärzteblatt International, 2019, 116, 319-320.	0.9	1
40	A 6-step Approach to Gain Higher Quality Results From Organotypic Hippocampal Brain Slices in a Traumatic Brain Injury Model. Basic and Clinical Neuroscience, 2019, 10, 485-496.	0.6	1
41	Coarctation of the Aorta as a Rare Indirect Cause of Aneurysmal Subarachnoid Hemorrhage in the Adolescent: A Case Report and Review of the Literature. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, , .	0.8	0