

Basil E Gruter

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

635
citations

759233

12
h-index

642732

23
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46
all docs

46
docs citations

46
times ranked

973
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspirin treatment prevents inflammation in experimental bifurcation aneurysms in New Zealand White rabbits. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 189-195.	3.3	5
2	Trends in Literature on Cerebral Bypass Surgery: A Systematic Review. <i>Cerebrovascular Diseases</i> , 2022, 51, 102-113.	1.7	2
3	Preclinical and clinical role of interleukin-6 in the development of delayed cerebral vasospasm and neuronal cell death after subarachnoid hemorrhage: towards a potential target therapy?. <i>Neurosurgical Review</i> , 2022, 45, 395-403.	2.4	10
4	Lumen-oriented versus wall-oriented treatment strategies for intracranial aneurysms – A systematic review of suggested therapeutic concepts. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1568-1578.	4.3	3
5	Parent artery-initiated and stent-mediated neointima formation in a rat saccular side wall model. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1258-1263.	3.3	5
6	Interrater and intrarater agreement superior for three-dimensional digital subtraction angiography (3D-DSA) over 2D-DSA classification for detecting remnants after intracranial aneurysm clipping, a GRRAS Reliability and Agreement Study. <i>Acta Neurochirurgica</i> , 2022, , 1.	1.7	0
7	Using a Cell-tracer Injection to Investigate the Origin of Neointima-forming Cells in a Rat Saccular Side Wall Model. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	0
8	The importance of wall degeneration in preclinical aneurysm models. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 200-201.	3.3	0
9	Tocilizumab Reduces Vasospasms, Neuronal Cell Death, and Microclot Formation in a Rabbit Model of Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2021, 12, 894-904.	4.2	17
10	Spondylectomy in the treatment of neoplastic spinal lesions – A retrospective outcome analysis of 582 patients using a patient-level meta-analysis. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 107.	0.8	5
11	Carotid-cavernous sinus fistula following mechanical thrombectomy in acute ischaemic stroke: a rare complication. <i>Neuroradiology</i> , 2021, 63, 1149-1152.	2.2	2
12	Patterns of Neointima Formation After Coil or Stent Treatment in a Rat Saccular Sidewall Aneurysm Model. <i>Stroke</i> , 2021, 52, 1043-1052.	2.0	17
13	Creation of Two Saccular Elastase-Digested Aneurysms with Different Hemodynamics in One Rabbit. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
14	An unexpected intracerebral lesion – case report of a superinfected aspergillosis mimicking a brain metastasis. <i>BMC Infectious Diseases</i> , 2021, 21, 537.	2.9	5
15	An endovascular assisted, nonocclusive cerebral bypass: a technical feasibility study in a rabbit model. <i>Journal of Neurosurgery</i> , 2021, 134, 1846-1851.	1.6	0
16	Systematic review of brain arteriovenous malformation grading systems evaluating microsurgical treatment recommendation. <i>Neurosurgical Review</i> , 2021, 44, 2571-2582.	2.4	8
17	Thoracolumbar corpectomy/spondylectomy for spinal metastasis: a pooled analysis comparing the outcome of seven different surgical approaches. <i>European Spine Journal</i> , 2020, 29, 248-256.	2.2	15
18	Aneurysm wall cellularity affects healing after coil embolization: assessment in a rat saccular aneurysm model. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 621-625.	3.3	14

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19	A Comparison of Complications and Clinical and Radiologic Outcome Between the Mini-open Prepsos and Mini-open Transpsos Approaches for Lumbar Interbody Fusion. <i>Clinical Spine Surgery</i> , 2020, 33, 271-279.	1.3	11
20	Arterial Pouch Microsurgical Bifurcation Aneurysm Model in the Rabbit. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	7
21	The Role of Sartans in the Treatment of Stroke and Subarachnoid Hemorrhage: A Narrative Review of Preclinical and Clinical Studies. <i>Brain Sciences</i> , 2020, 10, 153.	2.3	12
22	Systematic Review and Meta-analysis of Methodological Quality in In Vivo Animal Studies of Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2020, 11, 1175-1184.	4.2	13
23	Preclinical Intracranial Aneurysm Models: A Systematic Review. <i>Brain Sciences</i> , 2020, 10, 134.	2.3	24
24	Comparison of Aneurysm Patency and Mural Inflammation in an Arterial Rabbit Sidewall and Bifurcation Aneurysm Model under Consideration of Different Wall Conditions. <i>Brain Sciences</i> , 2020, 10, 197.	2.3	5
25	Saccular Aneurysm Models Featuring Growth and Rupture: A Systematic Review. <i>Brain Sciences</i> , 2020, 10, 101.	2.3	15
26	Junctional kyphosis and junctional failure after multi-segmental posterior cervicothoracic fusion – A retrospective analysis of 64 patients. <i>Journal of Craniovertebral Junction and Spine</i> , 2020, 11, 310.	0.8	2
27	Ehlers–Danlos syndrome-associated craniocervical instability with cervicomedullary syndrome: Comparing outcome of craniocervical fusion with occipital bone versus occipital condyle fixation. <i>Journal of Craniovertebral Junction and Spine</i> , 2020, 11, 287.	0.8	8
28	Comparison of 3D intraoperative digital subtraction angiography and intraoperative indocyanine green video angiography during intracranial aneurysm surgery. <i>Journal of Neurosurgery</i> , 2019, 131, 64-71.	1.6	16
29	Fluorescence Angiography for Evaluation of Aneurysm Perfusion and Parent Artery Patency in Rat and Rabbit Aneurysm Models. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	4
30	Systemic and CSF Interleukin-1 β Expression in a Rabbit Closed Cranium Subarachnoid Hemorrhage Model: An Exploratory Study. <i>Brain Sciences</i> , 2019, 9, 249.	2.3	6
31	Testing bioresorbable stent feasibility in a rat aneurysm model. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1050-1054.	3.3	17
32	Fluorescence Video Angiography for Evaluation of Dynamic Perfusion Status in an Aneurysm Preclinical Experimental Setting. <i>Operative Neurosurgery</i> , 2019, 17, 432-438.	0.8	7
33	COVeRs to impRove AesthetiC outCome after Surgery for Chronic subdural haemAtoma by buRr hole trepanation (CORRECT-SCAR): protocol of a Swiss single-blinded, randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e031375.	1.9	5
34	Systematic Review of In Vivo Animal Models of Subarachnoid Hemorrhage: Species, Standard Parameters, and Outcomes. <i>Translational Stroke Research</i> , 2019, 10, 250-258.	4.2	35
35	Patterns of care: burr-hole cover application for chronic subdural hematoma trepanation. <i>Neurosurgical Focus</i> , 2019, 47, E14.	2.3	7
36	Hybrid Operating Room Settings for Treatment of Complex Dural Arteriovenous Fistulas. <i>World Neurosurgery</i> , 2018, 120, e932-e939.	1.3	12

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37	Combined Endovascular and Microsurgical Treatment of Arteriovenous Malformations in the Hybrid Operating Room. <i>World Neurosurgery</i> , 2018, 117, e204-e214.	1.3	36
38	Orbital Cellulitis with Apparent Thrombosis of the Left Cavernous Sinus and Perioptical Abscess Formation. <i>Clinical Neuroradiology</i> , 2017, 27, 379-382.	1.9	2
39	Biodegradable Magnesium Stent Treatment of Saccular Aneurysms in a Rat Model - Introduction of the Surgical Technique. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	8
40	Leukoaraiosis and Increased Cerebral Susceptibility to Ischemia: Lack of Confounding by Carotid Disease. <i>Journal of the American Heart Association</i> , 2013, 2, e000261.	3.7	36
41	Age- and sex-specific rates of leukoaraiosis in TIA and stroke patients. <i>Neurology</i> , 2012, 79, 1215-1222.	1.1	69
42	Age-related cerebral white matter disease (leukoaraiosis): a review. <i>Postgraduate Medical Journal</i> , 2012, 88, 79-87.	1.8	168
43	PAF67 Leukoaraiosis is unrelated to carotid stenosis or risk factors for atherosclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, e18-e18.	1.9	1
44	POS08 Does the association of the ABCD2-score with leukoaraiosis explain its prognostic value?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, e69-e69.	1.9	0