

# Lukas Anderегgen

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

1,236  
citations

471371  
17  
h-index

414303  
32  
g-index

84  
all docs

84  
docs citations

84  
times ranked

1627  
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.	2.0	5
2	Levosimendan as a therapeutic strategy to prevent neuroinflammation after aneurysmal subarachnoid hemorrhage?. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 408-412.	2.0	3
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.	1.2	10
4	Refractory photophobia elicited during awake craniotomy for the resection of a temporal high-grade glioma. <i>Journal of Clinical Anesthesia</i> , 2022, 78, 110650.	0.7	1
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.	2.0	5
6	Machine Learning for Outcome Prediction in First-Line Surgery of Prolactinomas. <i>Frontiers in Endocrinology</i> , 2022, 13, 810219.	1.5	8
7	Postcraniotomy Headache: Etiologies and Treatments. <i>Current Pain and Headache Reports</i> , 2022, 26, 357-364.	1.3	10
8	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.	0.9	0
9	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, , .	0.2	0
10	Technical skills in the operating room: Implications for perioperative leadership and patient outcomes. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 237-245.	1.7	3
11	Managing bottlenecks in the perioperative setting: Optimizing patient care and reducing costs. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 299-310.	1.7	5
12	Stereotactic posterior midline approach under direct microscopic view for biopsy of medulla oblongata tumors: technical considerations. <i>Acta Neurochirurgica</i> , 2021, 163, 1965-1968.	0.9	1
13	Long-term IGF-1 monitoring in prolactinoma patients treated with cabergoline might not be indicated. <i>Endocrine</i> , 2021, 72, 216-222.	1.1	10
14	Influence of inferior petrosal sinus drainage symmetry on detection of adenomas in Cushing's syndrome. <i>Journal of Neuroradiology</i> , 2021, 48, 10-15.	0.6	16
15	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.	2.3	17
16	Overlooked Piece of Wood Served as a Vector Transmitting <i>Clostridium Perfringens</i> . <i>Journal of Craniofacial Surgery</i> , 2021, Publish Ahead of Print, e485-e487.	0.3	1
17	Impact of primary medical or surgical therapy on prolactinoma patients' BMI and metabolic profile over the long-term. <i>Journal of Clinical and Translational Endocrinology</i> , 2021, 24, 100258.	1.0	13
18	Persistent bone impairment despite long-term control of hyperprolactinemia and hypogonadism in men and women with prolactinomas. <i>Scientific Reports</i> , 2021, 11, 5122.	1.6	11

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19	Carotid-cavernous sinus fistula following mechanical thrombectomy in acute ischaemic stroke: a rare complication. <i>Neuroradiology</i> , 2021, 63, 1149-1152.	1.1	2
20	Patterns of Neointima Formation After Coil or Stent Treatment in a Rat Saccular Sidewall Aneurysm Model. <i>Stroke</i> , 2021, 52, 1043-1052.	1.0	17
21	Creation of Two Saccular Elastase-Digested Aneurysms with Different Hemodynamics in One Rabbit. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
22	Lateral one-third gland resection in Cushing patients with failed adenoma identification leads to low remission rates: long-term observations from a small, single-center cohort. <i>Acta Neurochirurgica</i> , 2021, 163, 3161-3169.	0.9	11
23	First-line surgery in prolactinomas: lessons from a long-term follow-up study in a tertiary referral center. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 2621-2633.	1.8	21
24	Statins Improve Clinical Outcome After Non-aneurysmal Subarachnoid Hemorrhage: A Translational Insight From a Systematic Review of Experimental Studies. <i>Frontiers in Neurology</i> , 2021, 12, 620096.	1.1	2
25	Letter to the Editor From Lukas Andereggen: "Pitfalls in Performing and Interpreting Inferior Petrosal Sinus Sampling: Personal Experience and Literature Review" <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3283-e3284.	1.8	2
26	Commentary: "Prolactinomas: Prognostic Factors of Early Remission After Transsphenoidal Surgery" <i>Frontiers in Endocrinology</i> , 2021, 12, 695498.	1.5	4
27	Anesthesia-Related Oncological Outcomes: Beyond Volatiles and Total Intravenous Anesthesia. <i>Anesthesia and Analgesia</i> , 2021, 132, e119-e120.	1.1	0
28	Gender-specific prevalence of pilonidal sinus disease over time: A systematic review and meta-analysis. <i>ANZ Journal of Surgery</i> , 2021, 91, 1582-1587.	0.3	22
29	Extensive Convexity Flattening of a Synthetic Skull Implant the Overcome Major Scalp Deficiency After Multiple Craniotomies. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 2532-2535.	0.3	1
30	Comment on "superficial siderosis of the central nervous system associated with ventral dural defects: bleeding from the epidural venous plexus" <i>Journal of Neurology</i> , 2021, 268, 3913-3915.	1.8	1
31	Drug-Coated Balloons for the Treatment of Symptomatic Intracranial High-Grade Stenosis: A Review of the Current Rationale. <i>Frontiers in Neurology</i> , 2021, 12, 692208.	1.1	3
32	Short-Term Resolution of Herniated Disk Mimicking Tumor. <i>World Neurosurgery</i> , 2021, 152, 29-30.	0.7	0
33	Preoperative Pressure Pain Threshold Is Associated With Postoperative Pain in Short-Stay Anorectal Surgery: A Prospective Observational Study. <i>Anesthesia and Analgesia</i> , 2021, 132, 656-662.	1.1	23
34	Dural leakage due to ipsilateral needle placement for spinal level localization in unilateral decompression surgery: A case report. <i>Surgical Neurology International</i> , 2021, 12, 205.	0.2	0
35	Co-Expression of Nogo-A in Dopaminergic Neurons of the Human Substantia Nigra Pars Compacta Is Reduced in Parkinson's Disease. <i>Cells</i> , 2021, 10, 3368.	1.8	5
36	Dural leakage due to ipsilateral needle placement for spinal level localization in unilateral decompression surgery: A case report. , 2021, 12, 205.		1

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37	Comparison of Intra- and Postoperative 3-Dimensional Digital Subtraction Angiography in Evaluation of the Surgical Result After Intracranial Aneurysm Treatment. <i>Neurosurgery</i> , 2020, 87, 689-696.	0.6	9
38	Pontine Neoplasm or Myelinolysis Despite Normal Sodium Levels. <i>World Neurosurgery</i> , 2020, 140, 63-64.	0.7	1
39	The Role of Losartan as a Potential Neuroregenerative Pharmacological Agent after Aneurysmal Subarachnoid Haemorrhage. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6496.	1.8	2
40	Functional muscle strength recovery from nail gun injury to the primary motor cortex. <i>Regenerative Medicine</i> , 2020, 15, 1603-1609.	0.8	1
41	Arterial Pouch Microsurgical Bifurcation Aneurysm Model in the Rabbit. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	7
42	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.	1.1	12
43	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.	1.1	5
44	Three-dimensional visualization of aneurysm wall calcification by cerebral angiography: Technical case report. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 290-293.	0.8	2
45	Telemedicine for preoperative assessment during a COVID-19 pandemic: Recommendations for clinical care. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 345-351.	1.7	60
46	Hypoplastic Straight Sinus with Persistent Falcine Sinus in Adult with Sinus Pericranii. <i>World Neurosurgery</i> , 2018, 113, 108-109.	0.7	4
47	Dexamethasone-mediated oncogenicity in vitro and in an animal model of glioblastoma. <i>Journal of Neurosurgery</i> , 2018, 129, 1446-1455.	0.9	22
48	Quantitative magnetic resonance angiography as a potential predictor for cerebral hyperperfusion syndrome: a preliminary study. <i>Journal of Neurosurgery</i> , 2018, 128, 1006-1014.	0.9	8
49	A Combination of NT-4/5 and GDNF Is Favorable for Cultured Human Nigral Neural Progenitor Cells. <i>Cell Transplantation</i> , 2018, 27, 648-653.	1.2	4
50	Modulation of Post-Stroke Plasticity and Regeneration by Stem Cell Therapy and Exogenic Factors. <i>Springer Series in Translational Stroke Research</i> , 2018, , 129-152.	0.1	4
51	A ten-year follow-up study of treatment outcome of craniopharyngiomas. <i>Swiss Medical Weekly</i> , 2018, 148, w14521.	0.8	18
52	â€œSentinel Seizureâ€ as a Warning Sign Preceding Fatal Rupture of a Giant Middle Cerebral Artery Aneurysm. <i>World Neurosurgery</i> , 2017, 100, 709.e11-709.e13.	0.7	0
53	Cluster headache and macroprolactinoma: Case report of a rare, but potential important causality. <i>Journal of Clinical Neuroscience</i> , 2017, 40, 62-64.	0.8	12
54	Nogo-receptor 1 antagonization in combination with neurotrophin-4/5 is not superior to single factor treatment in promoting survival and morphological complexity of cultured dopaminergic neurons. <i>Brain Research</i> , 2017, 1668, 56-64.	1.1	7

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55	Mobile zinc increases rapidly in the retina after optic nerve injury and regulates ganglion cell survival and optic nerve regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E209-E218.	3.3	111
56	Feasibility and Safety of Repeat Instant Endovascular Interventions in Patients with Refractory Cerebral Vasospasms. American Journal of Neuroradiology, 2017, 38, 561-567.	1.2	29
57	Intracranial Foreign Body in a Patient With Paranoid Schizophrenia. Journal of Craniofacial Surgery, 2017, 28, e685-e687.	0.3	5
58	Simultaneous Transplantation of Fetal Ventral Mesencephalic Tissue and Encapsulated Genetically Modified Cells Releasing GDNF in a Hemi-Parkinsonian Rat Model of Parkinson's Disease. Cell Transplantation, 2017, 26, 1572-1581.	1.2	10
59	Long-Term Follow-Up of Primary Medical Versus Surgical Treatment of Prolactinomas in Men: Effects on Hyperprolactinemia, Hypogonadism, and Bone Health. World Neurosurgery, 2017, 97, 595-602.	0.7	24
60	10-year follow-up study comparing primary medical vs. surgical therapy in women with prolactinomas. Endocrine, 2017, 55, 223-230.	1.1	36
61	Antagonization of the Nogo-Receptor 1 Enhances Dopaminergic Fiber Outgrowth of Transplants in a Rat Model of Parkinson's Disease. Frontiers in Cellular Neuroscience, 2017, 11, 151.	1.8	3
62	Simultaneous transplantation of fetal ventral mesencephalic tissue and encapsulated genetically modified cells releasing GDNF in a hemi-parkinsonian rat model of Parkinson's disease. Cell Transplantation, 2017, , .	1.2	0
63	The effects of creatine supplementation on striatal neural progenitor cells depend on developmental stage. Amino Acids, 2016, 48, 1913-1927.	1.2	5
64	Stereolithographic models in the interdisciplinary planning of treatment for complex intracranial aneurysms. Acta Neurochirurgica, 2016, 158, 1711-1720.	0.9	11
65	Two-stage carotid saphenous vein interposition graft and superficial temporal artery bypass for acute carotid occlusion. Journal of Vascular Surgery Cases, 2015, 1, 161-164.	0.2	0
66	Rapid Recurrence of a Benign Meningial Perineurioma. World Neurosurgery, 2015, 84, 2074.e1-2074.e3.	0.7	2
67	The Rabbit Blood Shunt Subarachnoid Haemorrhage Model. Acta Neurochirurgica Supplementum, 2015, 120, 337-342.	0.5	6
68	In-vivo phase contrast magnetic resonance angiography of the cerebrovascular system: a comparative study with duplex sonography. Swiss Medical Weekly, 2015, 145, w14155.	0.8	3
69	Spinal cerebrospinal fluid leak as the cause of chronic subdural hematomas in nongeriatric patients. Journal of Neurosurgery, 2014, 121, 1380-1387.	0.9	72
70	The Role of Microclot Formation in an Acute Subarachnoid Hemorrhage Model in the Rabbit. BioMed Research International, 2014, 2014, 1-10.	0.9	16
71	Early brain injury linearly correlates with reduction in cerebral perfusion pressure during the hyperacute phase of subarachnoid hemorrhage. Intensive Care Medicine Experimental, 2014, 2, 30.	0.9	15
72	The Rabbit Blood-shunt Model for the Study of Acute and Late Sequelae of Subarachnoid Hemorrhage: Technical Aspects. Journal of Visualized Experiments, 2014, , e52132.	0.2	4

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73	Intraoperative Patient-Specific Reconstruction of Partial Bone Flap Defects After Convexity Meningioma Resection. World Neurosurgery, 2013, 79, 124-130.	0.7	22
74	Detecting subarachnoid hemorrhage: Comparison of combined FLAIR/SWI versus CT. European Journal of Radiology, 2013, 82, 1539-1545.	1.2	112
75	Gross Total Resection Rates in Contemporary Glioblastoma Surgery. Neurosurgery, 2012, 71, 927-936.	0.6	165
76	Bow Hunter's Stroke Due to Prominent Degenerative Spinal Disorder. Clinical Neuroradiology, 2012, 22, 355-358.	1.0	10
77	Intraoperative template-molded bone flap reconstruction for patient-specific cranioplasty. Neurosurgical Review, 2012, 35, 527-535.	1.2	55
78	Selective inferior petrosal sinus sampling without venous outflow diversion in the detection of a pituitary adenoma in Cushing's syndrome. Neuroradiology, 2012, 54, 495-503.	1.1	18
79	A new rabbit model for the study of early brain injury after subarachnoid hemorrhage. Journal of Neuroscience Methods, 2012, 208, 138-145.	1.3	23
80	Combined Bone and Soft-Tissue Augmentation Surgery in Temporo-Orbital Contour Reconstruction. Journal of Craniofacial Surgery, 2011, 22, 266-268.	0.3	21
81	Outer skull landmark-based coordinates for measurement of cerebral blood flow and intracranial pressure in rabbits. Journal of Neuroscience Methods, 2011, 201, 322-326.	1.3	11
82	Effects of GDNF pretreatment on function and survival of transplanted fetal ventral mesencephalic cells in the 6-OHDA rat model of Parkinson's disease. Brain Research, 2009, 1276, 39-49.	1.1	30
83	Prediction of Long-Term Restenosis After Carotid Endarterectomy Using Quantitative Magnetic Resonance Angiography. Frontiers in Neurology, 0, 13, .	1.1	0