

# Lukas Andereggen

## 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	Gross Total Resection Rates in Contemporary Glioblastoma Surgery. <i>Neurosurgery</i> , 2012, 71, 927-936.	0.6	165
2	Detecting subarachnoid hemorrhage: Comparison of combined FLAIR/SWI versus CT. <i>European Journal of Radiology</i> , 2013, 82, 1539-1545.	1.2	112
3	Mobile zinc increases rapidly in the retina after optic nerve injury and regulates ganglion cell survival and optic nerve regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E209-E218.	3.3	111
4	Spinal cerebrospinal fluid leak as the cause of chronic subdural hematomas in nongeriatric patients. <i>Journal of Neurosurgery</i> , 2014, 121, 1380-1387.	0.9	72
5	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
6	Intraoperative template-molded bone flap reconstruction for patient-specific cranioplasty. <i>Neurosurgical Review</i> , 2012, 35, 527-535.	1.2	55
7	10-year follow-up study comparing primary medical vs. surgical therapy in women with prolactinomas. <i>Endocrine</i> , 2017, 55, 223-230.	1.1	36
8	Effects of GDNF pretreatment on function and survival of transplanted fetal ventral mesencephalic cells in the 6-OHDA rat model of Parkinson's disease. <i>Brain Research</i> , 2009, 1276, 39-49.	1.1	30
9	Feasibility and Safety of Repeat Instant Endovascular Interventions in Patients with Refractory Cerebral Vasospasms. <i>American Journal of Neuroradiology</i> , 2017, 38, 561-567.	1.2	29
10	Long-Term Follow-Up of Primary Medical Versus Surgical Treatment of Prolactinomas in Men: Effects on Hyperprolactinemia, Hypogonadism, and Bone Health. <i>World Neurosurgery</i> , 2017, 97, 595-602.	0.7	24
11	A new rabbit model for the study of early brain injury after subarachnoid hemorrhage. <i>Journal of Neuroscience Methods</i> , 2012, 208, 138-145.	1.3	23
12	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
13	Intraoperative Patient-Specific Reconstruction of Partial Bone Flap Defects After Convexity Meningioma Resection. <i>World Neurosurgery</i> , 2013, 79, 124-130.	0.7	22
14	Dexamethasone-mediated oncogenicity in vitro and in an animal model of glioblastoma. <i>Journal of Neurosurgery</i> , 2018, 129, 1446-1455.	0.9	22
15	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
16	Combined Bone and Soft-Tissue Augmentation Surgery in Temporo-Orbital Contour Reconstruction. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 266-268.	0.3	21
17	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
18	Selective inferior petrosal sinus sampling without venous outflow diversion in the detection of a pituitary adenoma in Cushing's syndrome. <i>Neuroradiology</i> , 2012, 54, 495-503.	1.1	18

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19	A ten-year follow-up study of treatment outcome of craniopharyngiomas. <i>Swiss Medical Weekly</i> , 2018, 148, w14521.	0.8	18
20	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
21	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
22	The Role of Microclot Formation in an Acute Subarachnoid Hemorrhage Model in the Rabbit. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	16
23	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
24	Early brain injury linearly correlates with reduction in cerebral perfusion pressure during the hyperacute phase of subarachnoid hemorrhage. <i>Intensive Care Medicine Experimental</i> , 2014, 2, 30.	0.9	15
25	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
26	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
27	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
28	Outer skull landmark-based coordinates for measurement of cerebral blood flow and intracranial pressure in rabbits. <i>Journal of Neuroscience Methods</i> , 2011, 201, 322-326.	1.3	11
29	Stereolithographic models in the interdisciplinary planning of treatment for complex intracranial aneurysms. <i>Acta Neurochirurgica</i> , 2016, 158, 1711-1720.	0.9	11
30	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
31	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
32	Bow Hunter's Stroke Due to Prominent Degenerative Spinal Disorder. <i>Clinical Neuroradiology</i> , 2012, 22, 355-358.	1.0	10
33	Simultaneous Transplantation of Fetal Ventral Mesencephalic Tissue and Encapsulated Genetically Modified Cells Releasing GDNF in a Hemi-Parkinsonian Rat Model of Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 1572-1581.	1.2	10
34	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
35	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
36	Postcraniotomy Headache: Etiologies and Treatments. <i>Current Pain and Headache Reports</i> , 2022, 26, 357-364.	1.3	10

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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	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
39	Machine Learning for Outcome Prediction in First-Line Surgery of Prolactinomas. <i>Frontiers in Endocrinology</i> , 2022, 13, 810219.	1.5	8
40	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
41	Arterial Pouch Microsurgical Bifurcation Aneurysm Model in the Rabbit. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	7
42	The Rabbit Blood Shunt Subarachnoid Haemorrhage Model. <i>Acta Neurochirurgica Supplementum</i> , 2015, 120, 337-342.	0.5	6
43	The effects of creatine supplementation on striatal neural progenitor cells depend on developmental stage. <i>Amino Acids</i> , 2016, 48, 1913-1927.	1.2	5
44	Intracranial Foreign Body in a Patient With Paranoid Schizophrenia. <i>Journal of Craniofacial Surgery</i> , 2017, 28, e685-e687.	0.3	5
45	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
46	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
47	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
48	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
49	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
50	The Rabbit Blood-shunt Model for the Study of Acute and Late Sequelae of Subarachnoid Hemorrhage: Technical Aspects. <i>Journal of Visualized Experiments</i> , 2014, , e52132.	0.2	4
51	Hypoplastic Straight Sinus with Persistent Falcine Sinus in Adult with Sinus Pericranii. <i>World Neurosurgery</i> , 2018, 113, 108-109.	0.7	4
52	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
53	Commentary: "Prolactinomas: Prognostic Factors of Early Remission After Transsphenoidal Surgery". <i>Frontiers in Endocrinology</i> , 2021, 12, 695498.	1.5	4
54	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

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55	Antagonization of the Nogo-Receptor 1 Enhances Dopaminergic Fiber Outgrowth of Transplants in a Rat Model of Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 151.	1.8	3
56	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
57	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
58	In-vivo phase contrast magnetic resonance angiography of the cerebrovascular system: a comparative study with duplex sonography. <i>Swiss Medical Weekly</i> , 2015, 145, w14155.	0.8	3
59	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
60	Rapid Recurrence of a Benign Meningial Perineurioma. <i>World Neurosurgery</i> , 2015, 84, 2074.e1-2074.e3.	0.7	2
61	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
62	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
63	Carotid-cavernous sinus fistula following mechanical thrombectomy in acute ischaemic stroke: a rare complication. <i>Neuroradiology</i> , 2021, 63, 1149-1152.	1.1	2
64	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
65	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
66	Pontine Neoplasm or Myelinolysis Despite Normal Sodium Levels. <i>World Neurosurgery</i> , 2020, 140, 63-64.	0.7	1
67	Functional muscle strength recovery from nail gun injury to the primary motor cortex. <i>Regenerative Medicine</i> , 2020, 15, 1603-1609.	0.8	1
68	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
69	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
70	Creation of Two Saccular Elastase-Digested Aneurysms with Different Hemodynamics in One Rabbit. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
71	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
72	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

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73	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
74	Dural leakage due to ipsilateral needle placement for spinal level localization in unilateral decompression surgery: A case report. , 2021, 12, 205.		1
75	Two-stage carotid saphenous vein interposition graft and superficial temporal artery bypass for acute carotid occlusion. <i>Journal of Vascular Surgery Cases</i> , 2015, 1, 161-164.	0.2	0
76	“Sentinel Seizure” 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
77	Anesthesia-Related Oncological Outcomes: Beyond Volatiles and Total Intravenous Anesthesia. <i>Anesthesia and Analgesia</i> , 2021, 132, e119-e120.	1.1	0
78	Short-Term Resolution of Herniated Disk Mimicking Tumor. <i>World Neurosurgery</i> , 2021, 152, 29-30.	0.7	0
79	Simultaneous transplantation of fetal ventral mesencephalic tissue and encapsulated genetically modified cells releasing GDNF in a hemi-parkinsonian rat model of Parkinson’s disease. <i>Cell Transplantation</i> , 2017, , .	1.2	0
80	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
81	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
82	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
83	Prediction of Long-Term Restenosis After Carotid Endarterectomy Using Quantitative Magnetic Resonance Angiography. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0