

# Serge Marbacher

## List of Publications by Year in descending order

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Version: 2024-02-01

133  
papers

2,192  
citations

257450

24  
h-index

330143

37  
g-index

136  
all docs

136  
docs citations

136  
times ranked

2555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of fluorescence to guide resection or biopsy of primary brain tumors and brain metastases. <i>Neurosurgical Focus</i> , 2014, 36, E10.	2.3	125
2	Predictors of In-Hospital Death After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2018, 49, 333-340.	2.0	99
3	Loss of Mural Cells Leads to Wall Degeneration, Aneurysm Growth, and Eventual Rupture in a Rat Aneurysm Model. <i>Stroke</i> , 2014, 45, 248-254.	2.0	76
4	Standard intracranial <i>in vivo</i> animal models of delayed cerebral vasospasm. <i>British Journal of Neurosurgery</i> , 2010, 24, 415-434.	0.8	61
5	Intraoperative template-molded bone flap reconstruction for patient-specific cranioplasty. <i>Neurosurgical Review</i> , 2012, 35, 527-535.	2.4	55
6	A comparative effectiveness study of patient-rated and radiographic outcome after 2 types of decompression with fusion for spondylotic myelopathy: anterior cervical discectomy versus corpectomy. <i>Neurosurgical Focus</i> , 2013, 35, E4.	2.3	52
7	Accuracy of Pedicle Screw Placement in the Thoracic and Lumbosacral Spine Using a Conventional Intraoperative Fluoroscopy-Guided Technique: A National Neurosurgical Education and Training Center Analysis of 1236 Consecutive Screws. <i>World Neurosurgery</i> , 2014, 82, 866-871.e2.	1.3	52
8	Outcomes after combined use of intraoperative MRI and 5-aminolevulinic acid in high-grade glioma surgery. <i>Neuro-Oncology</i> , 2015, 17, 1560-1567.	1.2	50
9	Primary Reconstruction of Open Depressed Skull Fractures With Titanium Mesh. <i>Journal of Craniofacial Surgery</i> , 2008, 19, 490-495.	0.7	49
10	Incidence and Outcome of Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, 344-347.	2.0	49
11	Do statins reduce the risk of aneurysm development: a case-control study. <i>Journal of Neurosurgery</i> , 2012, 116, 638-642.	1.6	47
12	Multiple spinal extradural meningeal cysts presenting as acute paraplegia. <i>Journal of Neurosurgery: Spine</i> , 2007, 6, 465-472.	1.7	43
13	Acute subdural hematoma from ruptured cerebral aneurysm. <i>Acta Neurochirurgica</i> , 2010, 152, 501-507.	1.7	42
14	The Concept of a Hybrid Operating Room: Applications in Cerebrovascular Surgery. <i>Acta Neurochirurgica Supplementum</i> , 2013, 115, 113-117.	1.0	42
15	The Barrow Neurological Institute Grading Scale as a Predictor for Delayed Cerebral Ischemia and Outcome After Aneurysmal Subarachnoid Hemorrhage: Data From a Nationwide Patient Registry (Swiss) <a href="https://doi.org/10.7843/149rgBT/Ov">Tj ETQq1 10.7843/149rgBT/Ov</a>	1.0	40
16	Recurrence of endovascularly and microsurgically treated intracranial aneurysms—review of the putative role of aneurysm wall biology. <i>Neurosurgical Review</i> , 2019, 42, 49-58.	2.4	38
17	Combined Endovascular and Microsurgical Treatment of Arteriovenous Malformations in the Hybrid Operating Room. <i>World Neurosurgery</i> , 2018, 117, e204-e214.	1.3	36
18	Cost-Effective Patient-Specific Intraoperative Molded Cranioplasty. <i>Journal of Craniofacial Surgery</i> , 2008, 19, 777-781.	0.7	35

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19	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
20	Prevention of delayed cerebral vasospasm by continuous intrathecal infusion of glyceroltrinitrate and nimodipine in the rabbit model in vivo. <i>Intensive Care Medicine</i> , 2008, 34, 932-938.	8.2	31
21	Comparison of vascular growth factors in the murine brain reveals placenta growth factor as prime candidate for CNS revascularization. <i>Blood</i> , 2013, 122, 658-665.	1.4	30
22	Surgical Approach for Synovial Cyst of the Atlantoaxial Joint. <i>Spine</i> , 2009, 34, E528-E533.	2.0	26
23	Intraluminal Cell Transplantation Prevents Growth and Rupture in a Model of Rupture-Prone Saccular Aneurysms. <i>Stroke</i> , 2014, 45, 3684-3690.	2.0	26
24	Elevated level of endothelin-1 in cerebrospinal fluid and lack of nitric oxide in basilar arterial plasma associated with cerebral vasospasm after subarachnoid haemorrhage in rabbits. <i>Acta Neurochirurgica</i> , 2009, 151, 795-802.	1.7	25
25	Complex Bilobular, Bisaccular, and Broad-Neck Microsurgical Aneurysm Formation in the Rabbit Bifurcation Model for the Study of Upcoming Endovascular Techniques. <i>American Journal of Neuroradiology</i> , 2011, 32, 772-777.	2.4	24
26	Patient-Rated Outcomes of Lumbar Fusion in Patients With Degenerative Disease of the Lumbar Spine. <i>Spine</i> , 2016, 41, 893-900.	2.0	24
27	Animal Models for the Study of Subarachnoid Hemorrhage: Are We Moving Towards Increased Standardization?. <i>Translational Stroke Research</i> , 2016, 7, 1-2.	4.2	24
28	Preclinical Intracranial Aneurysm Models: A Systematic Review. <i>Brain Sciences</i> , 2020, 10, 134.	2.3	24
29	A new rabbit model for the study of early brain injury after subarachnoid hemorrhage. <i>Journal of Neuroscience Methods</i> , 2012, 208, 138-145.	2.5	23
30	Intraoperative Patient-Specific Reconstruction of Partial Bone Flap Defects After Convexity Meningioma Resection. <i>World Neurosurgery</i> , 2013, 79, 124-130.	1.3	22
31	Home-Time as a Surrogate Marker for Functional Outcome After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2018, 49, 3081-3084.	2.0	22
32	Combined Bone and Soft-Tissue Augmentation Surgery in Temporo-Orbital Contour Reconstruction. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 266-268.	0.7	21
33	Acute Hydrocephalus After Subarachnoid Hemorrhage—Can It Be Caused by Water Vesicles of Choroid Plexuses?. <i>World Neurosurgery</i> , 2013, 80, 307-308.	1.3	21
34	Trends and outcomes for non-elective neurosurgical procedures in Central Europe during the COVID-19 pandemic. <i>Scientific Reports</i> , 2021, 11, 6171.	3.3	20
35	The Rabbit Shunt Model of Subarachnoid Haemorrhage. <i>Translational Stroke Research</i> , 2014, 5, 669-680.	4.2	19
36	Microsurgical Clipping of Basilar Apex Aneurysms: A Systematic Historical Review of Approaches and their Results. <i>World Neurosurgery</i> , 2018, 114, 305-316.	1.3	19

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37	Extra-intracranial blood shunt mimicking aneurysm rupture: Intracranial-pressure-controlled rabbit subarachnoid hemorrhage model. <i>Journal of Neuroscience Methods</i> , 2010, 191, 227-233.	2.5	18
38	The influence of cervical plate fixation with either autologous bone or cage insertion on radiographic and patient-rated outcomes after two-level anterior cervical discectomy and fusion. <i>European Spine Journal</i> , 2015, 24, 113-119.	2.2	18
39	Preclinical extracranial aneurysm models for the study and treatment of brain aneurysms: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 922-938.	4.3	18
40	Outcome after In-Hospital Rebleeding of Rupture of Intracranial Aneurysms. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 207-221.	0.8	17
41	Factors associated with clinical and radiological status on admission in patients with aneurysmal subarachnoid hemorrhage. <i>Neurosurgical Review</i> , 2018, 41, 1059-1069.	2.4	17
42	Testing bioresorbable stent feasibility in a rat aneurysm model. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1050-1054.	3.3	17
43	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
44	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
45	The role of intraoperative magnetic resonance imaging in complex meningioma surgery. <i>Magnetic Resonance Imaging</i> , 2013, 31, 923-929.	1.8	16
46	The Role of Microclot Formation in an Acute Subarachnoid Hemorrhage Model in the Rabbit. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	16
47	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
48	Development of a Complication- and Treatment-Aware Prediction Model for Favorable Functional Outcome in Aneurysmal Subarachnoid Hemorrhage Based on Machine Learning. <i>Neurosurgery</i> , 2021, 88, E150-E157.	1.1	16
49	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.	1.9	15
50	Interrater Agreement in the Radiologic Characterization of Ruptured Intracranial Aneurysms Based on Computed Tomography Angiography. <i>World Neurosurgery</i> , 2017, 103, 876-882.e1.	1.3	15
51	The relationship between IL-6, ET-1 and cerebral vasospasm, in experimental rabbit subarachnoid hemorrhage. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 245-250.	0.6	15
52	Saccular Aneurysm Models Featuring Growth and Rupture: A Systematic Review. <i>Brain Sciences</i> , 2020, 10, 101.	2.3	15
53	Predictors of Occurrence and Anatomic Distribution of Multiple Aneurysms in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2018, 111, e199-e205.	1.3	14
54	Formation of intracranial de novo aneurysms and recurrence after neck clipping: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2020, 132, 456-464.	1.6	14

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55	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
56	When the Drain Hits the Brain. <i>World Neurosurgery</i> , 2020, 138, e426-e436.	1.3	14
57	Continuous intrathecal glyceryl trinitrate prevents delayed cerebral vasospasm in the single-SAH rabbit model in vivo. <i>Acta Neurochirurgica</i> , 2011, 153, 1669-1675.	1.7	13
58	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
59	High-resolution three-dimensional 3 T magnetic resonance angiography for the evaluation of experimental aneurysm in the rabbit. <i>Neurological Research</i> , 2009, 31, 869-872.	1.3	12
60	A 6.5-year follow-up of 14 patients who underwent ProDisc total disc arthroplasty for combined long-standing degenerative lumbar disc disease and recent disc herniation. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1677-1681.	1.5	12
61	Management of Patients Presenting with Acute Subdural Hematoma due to Ruptured Intracranial Aneurysm. <i>International Journal of Vascular Medicine</i> , 2012, 2012, 1-19.	1.0	12
62	Is the use of antibiotic-impregnated external ventricular drainage beneficial in the management of iatrogenic ventriculitis?. <i>Acta Neurochirurgica</i> , 2012, 154, 161-164.	1.7	12
63	The Helsinki Rat Microsurgical Sidewall Aneurysm Model. <i>Journal of Visualized Experiments</i> , 2014, , e51071.	0.3	12
64	Hybrid Operating Room Settings for Treatment of Complex Dural Arteriovenous Fistulas. <i>World Neurosurgery</i> , 2018, 120, e932-e939.	1.3	12
65	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
66	Acute Angiographic Vasospasm and the Incidence of Delayed Cerebral Vasospasm: Preliminary Results. <i>Acta Neurochirurgica Supplementum</i> , 2015, 120, 187-190.	1.0	12
67	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.	2.5	11
68	Validation and accuracy of intraoperative CT scan using the Philips AlluraXper FD20 angiography suite for assessment of spinal instrumentation. <i>British Journal of Neurosurgery</i> , 2017, 31, 741-746.	0.8	11
69	Measuring the Impact of Delayed Cerebral Ischemia on Neuropsychological Outcome After Aneurysmal Subarachnoid Hemorrhageâ€”Protocol of a Swiss Nationwide Observational Study (MoCAâ€”DCI Study). <i>Neurosurgery</i> , 2019, 84, 1124-1132.	1.1	11
70	Microsurgical Venous Pouch Arterial-Bifurcation Aneurysms in the Rabbit Model: Technical Aspects. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	10
71	Ruptured PICA aneurysms: presentation and treatment outcomes compared to other posterior circulation aneurysms. A Swiss SOS study. <i>Acta Neurochirurgica</i> , 2019, 161, 1325-1334.	1.7	10
72	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

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73	Herniation World Federation of Neurosurgical Societies Scale Improves Prediction of Outcome in Patients With Poor-Grade Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2022, 53, 2346-2351.	2.0	10
74	Ipsilateral Dural Thickening and Enhancement: A Sign of Isolated Cortical Vein Thrombosis? A Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2016, 90, 706.e11-706.e14.	1.3	9
75	Intraoperative Fluoroscopy for Ventriculoperitoneal Shunt Placement. <i>World Neurosurgery</i> , 2016, 86, 71-78.	1.3	9
76	Impact of Laterality on Surgical Outcome of Glioblastoma Patients: A Retrospective Single-Center Study. <i>World Neurosurgery</i> , 2018, 114, e121-e128.	1.3	9
77	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.	1.1	9
78	Changing the paradigm of intracranial hypertension in brain tumor patients: a study based on non-invasive ICP measurements. <i>BMC Neurology</i> , 2020, 20, 268.	1.8	9
79	Long-term patency of complex bilobular, bisaccular, and broad-neck aneurysms in the rabbit microsurgical venous pouch bifurcation model. <i>Neurological Research</i> , 2012, 34, 538-546.	1.3	8
80	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
81	Ruptured posterior circulation aneurysms: epidemiology, patterns of care, and outcomes from the Swiss SOS national registry. <i>Acta Neurochirurgica</i> , 2019, 161, 769-779.	1.7	8
82	Endovascular Temporary Balloon Occlusion for Microsurgical Clipping of Posterior Circulation Aneurysms. <i>Brain Sciences</i> , 2020, 10, 334.	2.3	8
83	Norepinephrine-induced hypertension dilates vasospastic basilar artery after subarachnoid haemorrhage in rabbits. <i>Acta Neurochirurgica</i> , 2009, 151, 487-493.	1.7	7
84	Long-Term Outcome after Adjacent Two-Level Anterior Cervical Discectomy and Fusion Using Stand-Alone Plasmaphore-Covered Titanium Cages. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2015, 76, 199-204.	0.8	7
85	Can Quality Improvement Tools Overcome the Translational Roadblock—the Vital Influence of the Researcher. <i>Translational Stroke Research</i> , 2017, 8, 203-205.	4.2	7
86	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
87	Arterial Pouch Microsurgical Bifurcation Aneurysm Model in the Rabbit. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	7
88	Characteristics of In Vivo Animal Models of Delayed Cerebral Vasospasm. , 2011, 110, 173-175.		6
89	Systemic and CSF Interleukin-1 $\beta$ Expression in a Rabbit Closed Cranium Subarachnoid Hemorrhage Model: An Exploratory Study. <i>Brain Sciences</i> , 2019, 9, 249.	2.3	6
90	Changes in the cerebrospinal fluid lipid profile following subarachnoid hemorrhage in a closed cranium model: Correlations to cerebral vasospasm, neuronal cell death and Interleukin-6 synthesis. A pilot study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105054.	1.6	6

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91	Proposed Definition of Experimental Secondary Ischemia for Mouse Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2020, 11, 1165-1170.	4.2	6
92	The Rabbit Blood Shunt Subarachnoid Haemorrhage Model. <i>Acta Neurochirurgica Supplementum</i> , 2015, 120, 337-342.	1.0	6
93	Interdisciplinary decision-making and treatment of intracranial aneurysms in the era of complementary microsurgical and endovascular techniques. <i>Swiss Medical Weekly</i> , 2016, 146, w14372.	1.6	6
94	Bony Dehiscence of the Horizontal Petrous Internal Carotid Artery Canal: An Anatomic Study with Surgical Implications. <i>World Neurosurgery</i> , 2018, 114, e1174-e1179.	1.3	5
95	Amended Intraoperative Neuronavigation: Three-Dimensional Vascular Roadmapping with Selective Rotational Digital Subtraction Angiography. <i>World Neurosurgery</i> , 2020, 135, 183-187.	1.3	5
96	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
97	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
98	Clinical Studies and Pre-clinical Animal Models on Facial Nerve Preservation, Reconstruction, and Regeneration Following Cerebellopontine Angle Tumor Surgery—A Systematic Review and Future Perspectives. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 659413.	4.1	5
99	Patterns of care for ruptured aneurysms of the middle cerebral artery: analysis of a Swiss national database (Swiss SOS). <i>Journal of Neurosurgery</i> , 2019, , 1-10.	1.6	5
100	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
101	Comparison between routine cylindrical cerebral aneurysm volume approximation and three-dimensional volume measurements in experimental aneurysms. <i>Neurological Research</i> , 2014, 36, 739-745.	1.3	4
102	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.	0.3	4
103	Decision-making and neurosurgeons'™ agreement in the management of aneurysmal subarachnoid haemorrhage based on computed tomography angiography. <i>Acta Neurochirurgica</i> , 2018, 160, 253-260.	1.7	4
104	Early Intracranial Aneurysm Recurrence after Microsurgical Clip Ligation: Case Report and Review of the Literature. <i>Journal of Neurological Surgery Reports</i> , 2018, 79, e93-e97.	0.6	4
105	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
106	Phantom Radiculopathy: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2016, 90, 699.e19-699.e23.	1.3	3
107	Value of 3-Dimensional Digital Subtraction Angiography for Detection and Classification of Intracranial Aneurysm Remnants After Clipping. <i>Operative Neurosurgery</i> , 2021, 21, 63-72.	0.8	3
108	Levosimendan as a therapeutic strategy to prevent neuroinflammation after aneurysmal subarachnoid hemorrhage?. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 408-412.	3.3	3

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109	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
110	Intraoperative Spinal Angiography during Microsurgical Occlusion of Spinal Dural Arteriovenous Fistula within the Hybrid Operation Room. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2022, 83, 486-493.	0.8	3
111	The Subtemporal Approach to the Lateral Midbrain with and without Zygomatic Osteotomy: An Anatomical Study. <i>Clinical Anatomy</i> , 2019, 32, 710-714.	2.7	2
112	In Reply to the Letter to the Editor Regarding “When the Drain Hits the Brain”. <i>World Neurosurgery</i> , 2020, 139, 691.	1.3	2
113	Diagnostic reliability of the Berlin classification for complex MCA aneurysms – usability in a series of only giant aneurysms. <i>Acta Neurochirurgica</i> , 2020, 162, 2753-2758.	1.7	2
114	The Role of Losartan as a Potential Neuroregenerative Pharmacological Agent after Aneurysmal Subarachnoid Haemorrhage. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6496.	4.1	2
115	Three-dimensional visualization of aneurysm wall calcification by cerebral angiography: Technical case report. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 290-293.	1.5	2
116	Patient specific –not–computer-assisted cranioplasty. <i>Acta Neurochirurgica</i> , 2010, 152, 385-385.	1.7	1
117	Preliminary Results of an ICP-Controlled Subarachnoid Hemorrhage Rabbit Model for the Study of Delayed Cerebral Vasospasm. , 2011, 110, 163-165.		1
118	Computerized angiographic evaluation of coil density and occlusion rate in embolized cerebral aneurysms. <i>Acta Neurochirurgica</i> , 2011, 153, 343-344.	1.7	1
119	A microsurgical bifurcation rabbit model to investigate the effect of high-intensity focused ultrasound on aneurysms: a technical note. <i>Journal of Therapeutic Ultrasound</i> , 2014, 2, 21.	2.2	1
120	An Interlaminotomy New Zealand White Rabbit Model to Evaluate Novel Epidural Strategies. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2015, 76, 466-472.	0.8	1
121	Translational Hemorrhagic Stroke: Physiology, Pharmaceutical Drugs, and Management. <i>BioMed Research International</i> , 2017, 2017, 1-1.	1.9	1
122	Early Rupture of a Giant Basilar Artery Aneurysm after LEO Stenting: Case Report and Review of the Literature. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 177-184.	0.8	1
123	Scanning electron microscopy analysis of incidence and growth pattern of experimentally induced intracranial aneurysms in rat model. <i>Brain Hemorrhages</i> , 2021, 2, 1-5.	1.0	1
124	Periinterventional Vasospasm in Patients With Aneurysmal Subarachnoid Hemorrhage Predicts an Unfavorable Clinical Course. <i>Neurosurgery Open</i> , 2021, 2, .	0.2	1
125	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.	0.7	1
126	Letter: Commentary: Value of 3-Dimensional Digital Subtraction Angiography for Detection and Classification of Intracranial Aneurysm Remnants After Clipping. <i>Operative Neurosurgery</i> , 2021, 21, E406-E406.	0.8	1



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127	Foreword Chapter Animal Models of SAH. , 2015, 120, 309-309.		1
128	Refractory photophobia elicited during awake craniotomy for the resection of a temporal high-grade glioma. Journal of Clinical Anesthesia, 2022, 78, 110650.	1.6	1
129	Magnetic Resonance Imaging Signal Characteristics of Medishield: Early Postoperative Profile in a Rabbit Interlaminotomy Model. World Neurosurgery, 2017, 98, 704-710.e3.	1.3	0
130	Experimental and Clinical Treatment of Subarachnoid Hemorrhage after the Rupture of Saccular Intracranial Aneurysms. Brain Sciences, 2020, 10, 371.	2.3	0
131	The importance of wall degeneration in preclinical aneurysm models. Journal of NeuroInterventional Surgery, 2021, 13, 200-201.	3.3	0
132	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. Acta Neurochirurgica, 2022, , 1.	1.7	0
133	Using a Cell-tracer Injection to Investigate the Origin of Neointima-forming Cells in a Rat Saccular Side Wall Model. Journal of Visualized Experiments, 2022, , .	0.3	0