

# Mark C Preul

## List of Publications by Year in descending order

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Version: 2024-02-01

159  
papers

3,009  
citations

201674

27  
h-index

243625

44  
g-index

160  
all docs

160  
docs citations

160  
times ranked

3280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsurgical anatomy of safe entry zones to the brainstem. <i>Journal of Neurosurgery</i> , 2016, 124, 1359-1376.	1.6	144
2	Blood-Brain Barrier, Blood-Brain Tumor Barrier, and Fluorescence-Guided Neurosurgical Oncology: Delivering Optical Labels to Brain Tumors. <i>Frontiers in Oncology</i> , 2020, 10, 739.	2.8	113
3	Intraoperative Fluorescence Imaging for Personalized Brain Tumor Resection: Current State and Future Directions. <i>Frontiers in Surgery</i> , 2016, 3, 55.	1.4	109
4	ABCs of the degenerative spine. <i>Insights Into Imaging</i> , 2018, 9, 253-274.	3.4	108
5	Toward Optimal Tissue Sealants for Neurosurgery: Use of a Novel Hydrogel Sealant in a Canine Durotomy Repair Model. <i>Neurosurgery</i> , 2003, 53, 1189-1199.	1.1	97
6	Prospective evaluation of the utility of intraoperative confocal laser endomicroscopy in patients with brain neoplasms using fluorescein sodium: experience with 74 cases. <i>Neurosurgical Focus</i> , 2016, 40, E11.	2.3	92
7	Genetic Alterations in Intervertebral Disc Disease. <i>Frontiers in Surgery</i> , 2016, 3, 59.	1.4	81
8	Miniaturized Handheld Confocal Microscopy for Neurosurgery. <i>Neurosurgery</i> , 2010, 66, 410-418.	1.1	77
9	Potential application of a handheld confocal endomicroscope imaging system using a variety of fluorophores in experimental gliomas and normal brain. <i>Neurosurgical Focus</i> , 2014, 36, E16.	2.3	70
10	Survival Outcomes Among Patients With High-Grade Glioma Treated With 5-Aminolevulinic Acid-Guided Surgery: A Systematic Review and Meta-Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 620.	2.8	56
11	Cerebrospinal Fluid Drainage and Induced Hypertension Improve Spinal Cord Perfusion After Acute Spinal Cord Injury in Pigs. <i>Neurosurgery</i> , 2015, 76, 461-469.	1.1	54
12	Neurosurgical confocal endomicroscopy: A review of contrast agents, confocal systems, and future imaging modalities. , 2014, 5, 60.		53
13	Scanning Fiber Endoscope Improves Detection of 5-Aminolevulinic Acid-Induced Protoporphyrin IX Fluorescence at the Boundary of Infiltrative Glioma. <i>World Neurosurgery</i> , 2018, 113, e51-e69.	1.3	50
14	Minimally Invasive Endoscopic Supracerebellar-Infratentorial Surgery of the Pineal Region: Anatomical Comparison of Four Variant Approaches. <i>World Neurosurgery</i> , 2015, 84, 257-266.	1.3	47
15	Preoperative estimation of disc herniation recurrence after microdiscectomy: predictive value of a multivariate model based on radiographic parameters. <i>Spine Journal</i> , 2017, 17, 390-400.	1.3	43
16	Comparison of Surgical Freedom and Area of Exposure in Three Endoscopic Transmaxillary Approaches to the Anterolateral Cranial Base. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, 346-353.	0.8	40
17	Hyaluronic acid scaffold has a neuroprotective effect in hemisection spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 114-124.	1.7	39
18	Comparative Analysis of Surgical Freedom and Angle of Attack of Two Minimal-Access Endoscopic Transmaxillary Approaches to the Anterolateral Skull Base. <i>World Neurosurgery</i> , 2014, 82, e487-e493.	1.3	38

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19	Low-flow and high-flow neurosurgical bypass and anastomosis training models using human and bovine placental vessels: a histological analysis and validation study. <i>Journal of Neurosurgery</i> , 2016, 125, 915-928.	1.6	37
20	Mathematical Analysis of Glioma Growth in a Murine Model. <i>Scientific Reports</i> , 2017, 7, 2508.	3.3	37
21	Optical Characterization of Neurosurgical Operating Microscopes: Quantitative Fluorescence and Assessment of PpIX Photobleaching. <i>Scientific Reports</i> , 2018, 8, 12543.	3.3	37
22	Infraorbital nerve: a surgically relevant landmark for the pterygopalatine fossa, cavernous sinus, and anterolateral skull base in endoscopic transmaxillary approaches. <i>Journal of Neurosurgery</i> , 2016, 125, 1460-1468.	1.6	36
23	The role of therapeutic hypothermia in the management of acute spinal cord injury. <i>Clinical Neurology and Neurosurgery</i> , 2017, 154, 79-88.	1.4	34
24	Laser application in neurosurgery. , 2017, 8, 274.		34
25	Surgical efficacy of minimally invasive thoracic discectomy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1708-1713.	1.5	33
26	Prospects for Theranostics in Neurosurgical Imaging: Empowering Confocal Laser Endomicroscopy Diagnostics via Deep Learning. <i>Frontiers in Oncology</i> , 2018, 8, 240.	2.8	32
27	Application of a new hydrogel dural sealant that reduces epidural adhesion formation: evaluation in a large animal laminectomy model. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 381-390.	1.7	31
28	Systematic Review of Factors Influencing Surgical Performance: Practical Recommendations for Microsurgical Procedures in Neurosurgery. <i>World Neurosurgery</i> , 2018, 112, e182-e207.	1.3	31
29	Diagnostic Accuracy of a Confocal Laser Endomicroscope for In Vivo Differentiation Between Normal Injured And Tumor Tissue During Fluorescein-Guided Glioma Resection: Laboratory Investigation. <i>World Neurosurgery</i> , 2018, 115, e337-e348.	1.3	30
30	The Role of microRNA Markers in the Diagnosis, Treatment, and Outcome Prediction of Spinal Cord Injury. <i>Frontiers in Surgery</i> , 2016, 3, 56.	1.4	29
31	Maxillary Artery to Middle Cerebral Artery Bypass: A Novel Technique for Exposure of the Maxillary Artery. <i>World Neurosurgery</i> , 2017, 100, 540-550.	1.3	29
32	Quantitative anatomical analysis and clinical experience with mini-pterional and mini-orbitozygomatic approaches for intracranial aneurysm surgery. <i>Journal of Neurosurgery</i> , 2017, 127, 646-659.	1.6	29
33	Microvascular anastomosis under 3D exoscope or endoscope magnification: A proof-of-concept study. , 2018, 9, 115.		29
34	Progress in Confocal Laser Endomicroscopy for Neurosurgery and Technical Nuances for Brain Tumor Imaging With Fluorescein. <i>Frontiers in Oncology</i> , 2019, 9, 554.	2.8	28
35	Application of a hydrogel sealant improves watertight closures of duraplasty onlay grafts in a canine craniotomy model. <i>Journal of Neurosurgery</i> , 2007, 107, 642-650.	1.6	27
36	Prospective Comparison of Microsurgical, Tubular-Based Endoscopic, and Endoscopically Assisted Dissectomies: Clinical Effectiveness and Complications in Railway Workers. <i>World Neurosurgery</i> , 2016, 90, 273-280.	1.3	27

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37	Probe-based three-dimensional confocal laser endomicroscopy of brain tumors: technical note. <i>Cancer Management and Research</i> , 2018, Volume 10, 3109-3123.	1.9	27
38	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. <i>World Neurosurgery</i> , 2017, 99, 395-402.	1.3	26
39	Anterior interhemispheric transsplenic approach to pineal region tumors: anatomical study and illustrative case. <i>Journal of Neurosurgery</i> , 2018, 128, 182-192.	1.6	26
40	Application of Fluorescein Fluorescence in Vascular Neurosurgery. <i>Frontiers in Surgery</i> , 2019, 6, 52.	1.4	26
41	Confocal scanning microscopy provides rapid, detailed intraoperative histological assessment of brain neoplasms: Experience with 106 cases. <i>Clinical Neurology and Neurosurgery</i> , 2018, 169, 21-28.	1.4	25
42	Edwin Boldrey and Wilder Penfield's Homunculus: A Life Given by Mrs. Cantlie (In and Out of Realism). <i>World Neurosurgery</i> , 2019, 132, 377-388.	1.3	25
43	Styloidogenic Jugular Venous Compression Syndrome: Clinical Features and Case Series. <i>Operative Neurosurgery</i> , 2019, 17, 554-561.	0.8	25
44	Monocyte-Derived Cells of the Brain and Malignant Gliomas: The Double Face of Janus. <i>World Neurosurgery</i> , 2014, 82, 1171-1186.	1.3	24
45	Management Strategy of a Transorbital Penetrating Pontine Injury by a Wooden Chopstick. <i>World Neurosurgery</i> , 2016, 95, 622.e7-622.e15.	1.3	24
46	Historical Perspective on Surgery and Survival with Glioblastoma: How Far Have We Come?. <i>World Neurosurgery</i> , 2021, 149, 148-168.	1.3	24
47	Utilization of intraoperative confocal laser endomicroscopy in brain tumor surgery. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 704-717.	0.6	24
48	Face, Content, and Construct Validity of an Aneurysm Clipping Model Using Human Placenta. <i>World Neurosurgery</i> , 2017, 105, 952-960.e2.	1.3	23
49	Improving the utility of 1H-MRS for the differentiation of glioma recurrence from radiation necrosis. <i>Journal of Neuro-Oncology</i> , 2017, 133, 97-105.	2.9	21
50	Far-Lateral Approach Without Drilling the Occipital Condyle for Vertebral Arteryâ€“Posterior Inferior Cerebellar Artery Aneurysms. <i>Neurosurgery</i> , 2017, 81, 268-274.	1.1	21
51	Apparent diffusion coefficient maps in the assessment of surgical patients with lumbar spine degeneration. <i>PLoS ONE</i> , 2017, 12, e0183697.	2.5	21
52	Pterional, Pretemporal, and Orbitozygomatic Approaches: Anatomic and Comparative Study. <i>World Neurosurgery</i> , 2019, 121, e398-e403.	1.3	21
53	Intraoperative Confocal Laser Endomicroscopy Ex Vivo Examination of Tissue Microstructure During Fluorescence-Guided Brain Tumor Surgery. <i>Frontiers in Oncology</i> , 2020, 10, 599250.	2.8	21
54	MinION rapid sequencing: Review of potential applications in neurosurgery. , 2018, 9, 157.		20

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55	Evaluation of a Novel Surgical Skills Training Course: Are Cadavers Still the Gold Standard for Surgical Skills Training?. <i>World Neurosurgery</i> , 2019, 127, 63-71.	1.3	19
56	Comparative anatomical analysis of the transcallosal-transchoroidal and transcallosal-transforaminal-transchoroidal approaches to the third ventricle. <i>Journal of Neurosurgery</i> , 2017, 127, 209-218.	1.6	18
57	Microvascular Anastomosis Training in Neurosurgery: A Review. <i>Minimally Invasive Surgery</i> , 2018, 2018, 1-9.	0.5	18
58	Percutaneous Vertebroplasty. <i>Neuroimaging Clinics of North America</i> , 2019, 29, 481-494.	1.0	18
59	Microsurgical anatomy of the arterial basket of the conus medullaris. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 672-676.	1.7	17
60	Use of a Conformational Switching Aptamer for Rapid and Specific Ex Vivo Identification of Central Nervous System Lymphoma in a Xenograft Model. <i>PLoS ONE</i> , 2015, 10, e0123607.	2.5	16
61	Facet Joint Fixation and Anterior, Direct Lateral, and Transforaminal Lumbar Interbody Fusions for Treatment of Degenerative Lumbar Disc Diseases: Retrospective Cohort Study of a New Minimally Invasive Technique. <i>World Neurosurgery</i> , 2018, 114, e959-e968.	1.3	16
62	Transorbital Neuroendoscopic Surgery as a Mainstream Neurosurgical Corridor: A Systematic Review. <i>World Neurosurgery</i> , 2021, 152, 167-179.e4.	1.3	16
63	Endoscopically Assisted Targeted Keyhole Retrosigmoid Approaches for Microvascular Decompression: Quantitative Anatomic Study. <i>World Neurosurgery</i> , 2018, 119, e1-e15.	1.3	15
64	The endoscopic endonasal eustachian tube anterolateral mobilization strategy: minimizing the cost of the extreme-medial approach. <i>Journal of Neurosurgery</i> , 2021, 134, 831-842.	1.6	15
65	The superior fovea triangle approach: a novel safe entry zone to the brainstem. <i>Journal of Neurosurgery</i> , 2017, 127, 1134-1138.	1.6	14
66	Immediate Label-Free Ex Vivo Evaluation of Human Brain Tumor Biopsies With Confocal Reflectance Microscopy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 1008-1022.	1.7	14
67	Confocal Laser Endomicroscopy Assessment of Pituitary Tumor Microstructure: A Feasibility Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3146.	2.4	14
68	The Role of Bone Morphogenetic Proteins 2, 7, and 14 in Approaches for Intervertebral Disk Restoration. <i>World Neurosurgery</i> , 2015, 84, 871-873.	1.3	13
69	Quantitative Anatomic Analysis of the Transcallosal-Transchoroidal Approach and the Transcallosal-Subchoroidal Approach to the Floor of the Third Ventricle: An Anatomic Study. <i>World Neurosurgery</i> , 2018, 118, 219-229.	1.3	13
70	Applications of Microscope-Integrated Indocyanine Green Videoangiography in Cerebral Revascularization Procedures. <i>Frontiers in Surgery</i> , 2019, 6, 59.	1.4	13
71	Low Retrosigmoid Infratonsillar Approach to Lateral Medullary Lesions. <i>World Neurosurgery</i> , 2018, 111, 311-316.	1.3	12
72	Pedicle Vascularized Bone Grafts for Posterior Lumbosacral Fusion: A Cadaveric Feasibility Study and Case Report. <i>Spine Deformity</i> , 2018, 6, 498-506.	1.5	12

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73	Fluorescence Image Histology Pattern Transformation Using Image Style Transfer. <i>Frontiers in Oncology</i> , 2019, 9, 519.	2.8	12
74	Handheld confocal laser endomicroscopic imaging utilizing tumor-specific fluorescent labeling to identify experimental glioma cells in vivo. , 2016, 7, 995.		12
75	History of the current understanding and management of tethered spinal cord. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 78-87.	1.7	11
76	Pedicled Vascularized Clavicular Graft for Anterior Cervical Arthrodesis. <i>Spine</i> , 2017, 42, E1266-E1271.	2.0	11
77	Pedicled Vascularized Bone Grafts for Posterior Occipitocervical and Cervicothoracic Fusion: A Cadaveric Feasibility Study. <i>Operative Neurosurgery</i> , 2018, 15, 318-324.	0.8	11
78	Quantitative anatomical comparison of the ipsilateral and contralateral interhemispheric transcallosal approaches to the lateral ventricle. <i>Journal of Neurosurgery</i> , 2018, 128, 1492-1502.	1.6	11
79	The history of therapeutic hypothermia and its use in neurosurgery. <i>Journal of Neurosurgery</i> , 2019, 130, 1006-1020.	1.6	11
80	The Glossopharyngo-Cochlear Triangle—Part I: Quantitative Anatomic Analysis of High-Riding Posterior Inferior Cerebellar Artery Aneurysms Exposed Through the Extended Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2021, 20, 242-251.	0.8	11
81	Anatomical Triangles for Use in Skull Base Surgery: A Comprehensive Review. <i>World Neurosurgery</i> , 2022, 164, 79-92.	1.3	11
82	Improving utility of brain tumor confocal laser endomicroscopy: objective value assessment and diagnostic frame detection with convolutional neural networks. <i>Proceedings of SPIE</i> , 2017, , .	0.8	10
83	An Alternative Endoscopic Anterolateral Route to Meckel's Cave: An Anatomic Feasibility Study Using a Sublabial Transmaxillary Approach. <i>World Neurosurgery</i> , 2018, 114, 134-141.	1.3	10
84	Anterior temporal artery to posterior cerebral artery bypass for revascularization of the posterior circulation: An anatomical study. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 337-340.	1.5	10
85	Contralateral anterior interhemispheric-transcallosal-transrostral approach to the subcallosal region: a novel surgical technique. <i>Journal of Neurosurgery</i> , 2018, 129, 508-514.	1.6	10
86	Surgical Protocol for Infections, Nonhealing Wound Prophylaxis, and Analgesia: Development and Implementation for Posterior Spinal Fusions. <i>World Neurosurgery</i> , 2019, 123, 390-401.e2.	1.3	10
87	Visualization of brain microvasculature and blood flow in vivo: Feasibility study using confocal laser endomicroscopy. <i>Microcirculation</i> , 2021, 28, e12678.	1.8	10
88	High-Dose Fluorescein Reveals Unusual Confocal Endomicroscope Imaging of Low-Grade Glioma. <i>Frontiers in Neurology</i> , 2021, 12, 668656.	2.4	10
89	The Neuroanatomic Studies of Albert L. Rhoton Jr. in Historical Context: An Analysis of Origin, Evolution, and Application. <i>World Neurosurgery</i> , 2021, 151, 258-276.	1.3	10
90	Vascularized Spinous Process Graft Rotated on a Paraspinous Muscle Pedicle for Lumbar Fusion: Technique Description and Early Clinical Experience. <i>World Neurosurgery</i> , 2018, 115, 186-192.	1.3	9

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91	Anatomical assessment of the endoscopic endonasal approach for the treatment of paraclinoid aneurysms. <i>Journal of Neurosurgery</i> , 2019, 131, 1734-1742.	1.6	9
92	Patient-specific parameter estimates of glioblastoma multiforme growth dynamics from a model with explicit birth and death rates. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 5307-5323.	1.9	9
93	Synthesis and characterization of radioopaque thermosensitive poly[ <i>N</i> -isopropylacrylamide- <i>co</i> -(2,2'-(ethylenedioxy)bis(ethylamine)-5-iodobenzamide)]. <i>Polymer International</i> , 2009, 58, 847-850.	2.1	8
94	The Role of Endoscopic Assistance in Ambient Cistern Surgery: Analysis of Four Surgical Approaches. <i>World Neurosurgery</i> , 2015, 84, 1907-1915.	1.3	8
95	Two bullets to the head and an early winter: fate permits Kutuzov to defeat Napoleon at Moscow. <i>Neurosurgical Focus</i> , 2015, 39, E3.	2.3	8
96	Development of a Simulation Model for Fluorescence-Guided Brain Tumor Surgery. <i>Frontiers in Oncology</i> , 2019, 9, 748.	2.8	8
97	Anatomical assessment of the digastric branch of the facial nerve as a landmark to localize the extratemporal facial nerve trunk. <i>Surgical and Radiologic Anatomy</i> , 2019, 41, 657-662.	1.2	8
98	A Thoracic Surgeon Among Neurosurgeons: Edward Archibald's Forgotten Influence on the Professionalization of Neurosurgery. <i>World Neurosurgery</i> , 2020, 136, 234-247.	1.3	8
99	Quantitative analysis of ipsilateral and contralateral supracerebellar infratentorial and occipital transtentorial approaches to the cisternal pulvinar: laboratory anatomical investigation. <i>Journal of Neurosurgery</i> , 2020, 133, 1172-1181.	1.6	8
100	Quantitative Anatomical Study of Tailored Far-Lateral Approach for the VA-PICA Regions. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015, 76, 057-065.	0.8	7
101	The End-to-Side Anastomosis: A Comparative Analysis of Arterial Models in the Rat. <i>World Neurosurgery</i> , 2018, 119, e809-e817.	1.3	7
102	Minimally invasive approaches for the evacuation of intracerebral hemorrhage: a systematic review. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 718-733.	0.6	7
103	Real-time intraoperative surgical telepathology using confocal laser endomicroscopy. <i>Neurosurgical Focus</i> , 2022, 52, E9.	2.3	7
104	Sulforhodamine 101 selectively labels human astrocytoma cells in an animal model of glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 846-851.	1.5	6
105	Anterior Greater Auricular Point: Novel Anatomic Landmark to Facilitate Harvesting of the Greater Auricular Nerve. <i>World Neurosurgery</i> , 2018, 119, e64-e70.	1.3	6
106	Far-lateral Vascularized Rib Graft for Cervical and Lumbar Spinal Arthrodesis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2131.	0.6	6
107	Letter to the Editor: Factors that Influence Quantification of Fluorescent Signal During the 5-ALA-Guided Surgery. <i>World Neurosurgery</i> , 2020, 139, 700-702.	1.3	6
108	From KrÃ¶nlein, through madness, to a useful modern surgery: the journey of the transorbital corridor to enter the neurosurgical armamentarium. <i>Journal of Neurosurgery</i> , 2021, , 1-10.	1.6	6

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109	Volume of Surgical Freedom: The Most Applicable Anatomical Measurement for Surgical Assessment and 3-Dimensional Modeling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 628797.	4.1	6
110	Redosing of Fluorescein Sodium Improves Image Interpretation During Intraoperative Ex Vivo Confocal Laser Endomicroscopy of Brain Tumors. <i>Frontiers in Oncology</i> , 2021, 11, 668661.	2.8	6
111	Spontaneous Intracerebral Hemorrhage. <i>World Neurosurgery</i> , 2015, 84, 1191-1192.	1.3	5
112	Repair of V2 Vertebral Artery Injuries Sustained During Anterior Cervical Discectomy. <i>World Neurosurgery</i> , 2017, 105, 796-804.	1.3	5
113	Tailoring the surgical corridor to the basilar apex in the pretemporal transcavernous approach: morphometric analyses of different neurovascular mobilization maneuvers. <i>Acta Neurochirurgica</i> , 2020, 162, 2731-2741.	1.7	5
114	The side door and front door to the upper retroclival region: a comparative analysis of the open pretemporal and the endoscopic endonasal transcavernous approaches. <i>Journal of Neurosurgery</i> , 2020, 133, 1892-1904.	1.6	5
115	Monsters and the case of L. Joseph: Andr�� Feil's thesis on the origin of the Klippel-Feil syndrome and a social transformation of medicine. <i>Neurosurgical Focus</i> , 2016, 41, E3.	2.3	4
116	Quantitative Comparison of Three Endoscopic Approaches to the Parasellar Region: Laboratory Investigation. <i>World Neurosurgery</i> , 2017, 108, 383-392.	1.3	4
117	Quantitative Endoscopic Comparison of Contralateral Interhemispheric Transprecuneus and Supracerebellar Transtentorial Transcollateral Sulcus Approaches to the Atrium. <i>World Neurosurgery</i> , 2019, 122, e215-e225.	1.3	4
118	Posterior open wedge anterior longitudinal ligament release: Cadaveric technique analysis. <i>Clinical Anatomy</i> , 2019, 32, 348-353.	2.7	4
119	Comparative Analysis of Continuous Suturing, Interrupted Suturing, and Cyanoacrylate-Based Lid Techniques for End-to-End Microvascular Anastomosis: Laboratory Investigation. <i>World Neurosurgery</i> , 2020, 134, 465-471.	1.3	4
120	Molecular Imaging of Glucose Metabolism for Intraoperative Fluorescence Guidance During Glioma Surgery. <i>Molecular Imaging and Biology</i> , 2021, 23, 586-596.	2.6	4
121	Novel System of Simulation Models for Aneurysm Clipping Training: Description of Models and Assessment of Face, Content, and Construct Validity. <i>Operative Neurosurgery</i> , 2021, 21, 558-569.	0.8	4
122	The Anterolateral Limit of the Occipital Lobe: An Anatomical and Imaging Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2016, 77, 491-498.	0.8	3
123	Efficient harvest of the occipital artery in the retrosigmoid approach: Technical note. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 231-233.	1.5	3
124	Partial Gyrus Rectus Resection as a Technique to Improve the Exposure to the Anterior Communicating Artery Complex through the Junctional Triangle: A Quantitative Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, e211-e216.	0.8	3
125	Navigating a Carotico-Clinoid Foramen and an Interclinoidal Bridge in the Endonasal Endoscopic Approach: An Anatomical and Technical Note. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 82, 534-539.	0.8	3
126	Toward real-time tumor margin identification in image-guided robotic brain tumor resection. <i>Proceedings of SPIE</i> , 2017, 10135, .	0.8	3



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127	Introduction: (In)famous neurological injuries and disease: cases and events of historical, political, cultural, and scientific impact. <i>Neurosurgical Focus</i> , 2015, 39, E1.	2.3	2
128	Less is more: Parahippocampal resection or endoscopic assistance in ambient cistern surgery? Qualitative and quantitative assessment of subtemporal approach. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 203-208.	1.5	2
129	Posterior Petrosal Transotic Approach for Cerebellopontine Angle Hemangioblastoma: Technical Case Report. <i>Operative Neurosurgery</i> , 2019, 17, E269-E273.	0.8	2
130	Perspective: Edwin Boldrey and Penfield's Homunculus. <i>World Neurosurgery</i> , 2020, 134, 454-456.	1.3	2
131	Dissection of the Petrosal Presigmoid-Retro labyrinthine Approach for the Petroclival Region on a Cadaver: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E398-E399.	0.8	2
132	Using the Post-Descendens Hypoglossal Nerve in Hypoglossal-Facial Anastomosis: An Anatomic and Histologic Feasibility Study. <i>Operative Neurosurgery</i> , 2020, 19, 436-443.	0.8	2
133	Giant Encephalocele in Sokoto, Nigeria: A 5-Year Review of Operated Cases. <i>World Neurosurgery</i> , 2020, 139, 51-56.	1.3	2
134	Anatomical Subpial Resection of Tumors in the Amygdala and Hippocampus. <i>World Neurosurgery</i> , 2021, 151, e652-e662.	1.3	2
135	Needle Parking Interrupted Suturing Technique for Microvascular Anastomosis: A Technical Note. <i>Operative Neurosurgery</i> , 2021, 21, E414-E420.	0.8	2
136	Extradural anterior clinoidectomy versus endoscopic transplanum-transcavernous approach to the paraclinoid region: quantitative anatomical exposure analysis. <i>Acta Neurochirurgica</i> , 2022, 164, 1055-1067.	1.7	2
137	Volumetric 3-Dimensional Analysis of the Supraorbital vs Pterional Approach to Paramedian Vascular Structures: Comprehensive Assessment of Surgical Maneuverability. <i>Operative Neurosurgery</i> , 2022, 22, 66-74.	0.8	2
138	No woman alone: Dorothy Russell's legacy to neurosurgery. <i>Journal of Neurosurgery</i> , 2022, 136, 1455-1464.	1.6	2
139	A two-stage combined anterolateral and endoscopic endonasal approach to the petroclival region: an anatomical study and clinical application. <i>Acta Neurochirurgica</i> , 2022, 164, 1899-1910.	1.7	2
140	Puerto Rico Recurrence Scale: Predicting chronic subdural hematoma recurrence risk after initial surgical drainage. <i>Journal of Neurosurgery</i> , 2022, 136, 13, 230.		2
141	A morphometric and analytical cadaver dissection study of a tumor-simulation balloon model. <i>Journal of Clinical Neuroscience</i> , 2018, 49, 76-82.	1.5	1
142	Disc Geometry is an Accurate Predictor of Lordotic Correction in the Thoracolumbar Spine Following Schwab Grade 2 Osteotomy: A Cadaveric Study and Biomechanical Analysis of Disc Space Changes Following Lordotic Correction. <i>Operative Neurosurgery</i> , 2019, 17, 303-310.	0.8	1
143	Comparative analysis of the combined petrosal and the pretemporal transcavernous anterior petrosal approach to the petroclival region. <i>Journal of Neurosurgery</i> , 2022, 136, 905-916.	1.6	1
144	Travels to the tropics: Deuschtum and Fedor Krause's visits to Brazil. <i>Journal of Neurosurgery</i> , 2020, 132, 1977-1984.	1.6	1

#	ARTICLE	IF	CITATIONS
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