

Xiaochun Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

879
citations

567281

15
h-index

552781

26
g-index

69
all docs

69
docs citations

69
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodality MRI assessment of grey and white matter injury and blood-brain barrier disruption after intracerebral haemorrhage in mice. <i>Scientific Reports</i> , 2017, 7, 40358.	3.3	77
2	Blocking lncRNA MALAT1/miR-199a/ZHX1 Axis Inhibits Glioblastoma Proliferation and Progression. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 388-399.	5.1	77
3	PGE2 receptor agonist misoprostol protects brain against intracerebral hemorrhage in mice. <i>Neurobiology of Aging</i> , 2015, 36, 1439-1450.	3.1	63
4	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
5	20-HETE synthesis inhibition promotes cerebral protection after intracerebral hemorrhage without inhibiting angiogenesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1531-1543.	4.3	41
6	Laboratory Evaluation of a Robotic Operative Microscope - Visualization Platform for Neurosurgery. <i>Cureus</i> , 2018, 10, e3072.	0.5	32
7	Microvascular anastomosis under 3D exoscope or endoscope magnification: A proof-of-concept study. <i>World Neurosurgery</i> , 2018, 9, 115.		29
8	The Current State of Radiomics for Meningiomas: Promises and Challenges. <i>Frontiers in Oncology</i> , 2020, 10, 567736.	2.8	28
9	Application of Fluorescein Fluorescence in Vascular Neurosurgery. <i>Frontiers in Surgery</i> , 2019, 6, 52.	1.4	26
10	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
11	Styloidogenic Jugular Venous Compression Syndrome: Clinical Features and Case Series. <i>Operative Neurosurgery</i> , 2019, 17, 554-561.	0.8	25
12	The effectiveness of lumbar cerebrospinal fluid drainage in aneurysmal subarachnoid hemorrhage with different bleeding amounts. <i>Neurosurgical Review</i> , 2020, 43, 739-747.	2.4	24
13	Utilization of intraoperative confocal laser endomicroscopy in brain tumor surgery. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 704-717.	0.6	24
14	Risk factors of hospital mortality in chronic subdural hematoma: A retrospective analysis of 1117 patients, a single institute experience. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 46-51.	1.5	22
15	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
16	Meningioma in the elderly: Characteristics, prognostic factors, and surgical strategy. <i>Journal of Clinical Neuroscience</i> , 2018, 56, 143-149.	1.5	18
17	Transorbital Neuroendoscopic Surgery as a Mainstream Neurosurgical Corridor: A Systematic Review. <i>World Neurosurgery</i> , 2021, 152, 167-179.e4.	1.3	16
18	Endoscopically Assisted Targeted Keyhole Retrosigmoid Approaches for Microvascular Decompression: Quantitative Anatomic Study. <i>World Neurosurgery</i> , 2018, 119, e1-e15.	1.3	15

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19	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
20	Confocal Laser Endomicroscopy Assessment of Pituitary Tumor Microstructure: A Feasibility Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3146.	2.4	14
21	Applications of Microscope-Integrated Indocyanine Green Videoangiography in Cerebral Revascularization Procedures. <i>Frontiers in Surgery</i> , 2019, 6, 59.	1.4	13
22	Fluorescence Image Histology Pattern Transformation Using Image Style Transfer. <i>Frontiers in Oncology</i> , 2019, 9, 519.	2.8	12
23	Surgical treatment of falcotentorial meningiomas: a retrospective review of a single-institution experience. <i>Journal of Neurosurgery</i> , 2020, 133, 630-641.	1.6	12
24	Anatomical Analysis of the Vagoaccessory Triangle and the Triangles Within: The Suprahypoglossal, Infrahypoglossal, and Hypoglossalâ€“Hypoglossal Triangles. <i>World Neurosurgery</i> , 2019, 126, e463-e472.	1.3	11
25	The Glossopharyngo-Cochlear Triangleâ€”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
26	Visualization of brain microvasculature and blood flow in vivo: Feasibility study using confocal laser endomicroscopy. <i>Microcirculation</i> , 2021, 28, e12678.	1.8	10
27	High-Dose Fluorescein Reveals Unusual Confocal Endomicroscope Imaging of Low-Grade Glioma. <i>Frontiers in Neurology</i> , 2021, 12, 668656.	2.4	10
28	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
29	The Glossopharyngo-Cochlear Triangleâ€”Part II: Case Series Highlighting the Clinical Application to High-Riding Posterior Inferior Cerebellar Artery Aneurysms Exposed Through the Extended Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2021, 20, 252-259.	0.8	10
30	Development of a Simulation Model for Fluorescence-Guided Brain Tumor Surgery. <i>Frontiers in Oncology</i> , 2019, 9, 748.	2.8	8
31	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
32	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
33	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
34	Mini-pterional approach for clip ligation of ethmoidal dural arteriovenous fistula. <i>Neurosurgical Focus</i> , 2019, 46, V9.	2.3	7
35	The Inferior Nuchal Line as a Simple Landmark for Identifying the Vertebral Artery During the Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2019, 18, 302-308.	0.8	6
36	Double Origin of the Posterior Inferior Cerebellar Artery: Anatomic Case Report. <i>World Neurosurgery</i> , 2019, 124, 110-115.	1.3	6

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37	From KrÄ¶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
38	Evaluation of abnormal styloid anatomy as a cause of internal jugular vein compression using a 3D-printed model: a laboratory investigation. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 386-391.	1.5	5
39	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
40	One- vs Two-Burr-Hole Technique for Combined Endoscopic Third Ventriculostomy and Pineal Region Biopsy: Volumetric Analysis of Brain at Risk. <i>Operative Neurosurgery</i> , 2020, 19, 175-180.	0.8	5
41	Minimally invasive approaches to aneurysms of the anterior circulation: selection criteria and clinical outcomes. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 636-649.	0.6	5
42	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
43	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
44	The depth of catheter in chronic subdural haematoma: does it matter?. <i>Brain Injury</i> , 2019, 33, 717-722.	1.2	4
45	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
46	Left Vertebral Artery to Common Carotid Artery Transposition in a Patient With Bilateral Vertebral Insufficiency: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E301-E302.	0.8	4
47	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
48	Contralateral Interhemispheric Transfalciine Approach for Intra-Axial Medial Occipital Lesion: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E208-E209.	0.8	3
49	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
50	Transcavernous Approach to the Upper Basilar and Retroclival Areaâ€”Cadaveric Surgical Simulation Video: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E251-E251.	0.8	3
51	Two-Stage Revascularization and Clip Reconstruction of a Giant Ophthalmic Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E110-E111.	0.8	3
52	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
53	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
54	Genetic alterations in meningiomas of different textures. <i>Gene</i> , 2016, 592, 134-139.	2.2	2

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55	Dissection of the Petrosal Presigmoid-Retroclivus Approach for the Petroclival Region on a Cadaver: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E398-E399.	0.8	2
56	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
57	The anterior incisural width as a preoperative indicator for intradural space evaluation: An anatomical investigation. , 2020, 11, 207.		2
58	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
59	Far Lateral Craniotomy for Resection of Foramen Magnum Meningioma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, S355-S357.	0.8	1
60	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
61	Minimally invasive approaches to craniosynostosis. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 745-764.	0.6	1
62	Insular cavernous malformation resection through a minipterional, transsylvian approach. <i>Neurosurgical Focus Video</i> , 2019, 1, V26.	0.3	0
63	Brainstem Tumor Resection via Occipital Interhemispheric Transtentorial Infracollicular Approach: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E238-E239.	0.8	0
64	Microsurgical Anatomy of the Meningeal Branch of the Dorsolateral Medullary Plexus. <i>Operative Neurosurgery</i> , 2020, 18, E197-E204.	0.8	0
65	Thalamus Cavernous Malformation Resection of via Contralateral Anterior Interhemispheric Transcallosal Approach: Two-Dimensional Operative Video. <i>World Neurosurgery</i> , 2019, 132, 389.	1.3	0
66	Left Far Lateral Craniotomy for Clipping of a Posterior Inferior Cerebellar Artery Aneurysm. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, S341-S342.	0.8	0
67	Zygomatic-Meatal Perpendicular Projection Lines: Bony Landmarks for Early Identification of the Temporal Horn of the Lateral Ventricle. <i>World Neurosurgery</i> , 2020, 138, e591-e596.	1.3	0
68	Vidian Canal as a Transcranial Landmark: Anatomy, Technique, and Illustrative Cases. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 0, , .	0.8	0
69	Hybrid endovascular and microsurgical treatment for a large mesencephalic-cerebellar hemangioblastoma. <i>Neurosurgical Focus Video</i> , 2019, 1, V15.	0.3	0