

# Alexander Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3153249/publications.pdf>

Version: 2024-02-01

24  
papers

234  
citations

1163117

8  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal molecular analysis of astroblastoma enables reclassification of most cases into more specific molecular entities. <i>Brain Pathology</i> , 2018, 28, 192-202.	4.1	56
2	Single-Surgeon Direct Comparison of O-arm Neuronavigation versus Mazor X Robotic-Guided Posterior Spinal Instrumentation. <i>World Neurosurgery</i> , 2020, 137, e278-e285.	1.3	37
3	Calcification in Human Intracranial Aneurysms Is Highly Prevalent and Displays Both Atherosclerotic and Nonatherosclerotic Types. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2157-2167.	2.4	24
4	Hemodynamics in aneurysm blebs with different wall characteristics. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 642-646.	3.3	19
5	Cancer Stem Cell Chemotherapeutics Assay for Prospective Treatment of Recurrent Glioblastoma and Progressive Anaplastic Glioma: A Single-Institution Case Series. <i>Translational Oncology</i> , 2020, 13, 100755.	3.7	17
6	Blebs in intracranial aneurysms: prevalence and general characteristics. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 226-230.	3.3	16
7	A Deep Learning Model for Automated Classification of Intraoperative Continuous EMG. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021, 3, 44-52.	3.2	15
8	Biomechanics of Posterior Dynamic Fusion Systems in the Lumbar Spine. <i>Clinical Spine Surgery</i> , 2016, 29, E325-E330.	1.3	14
9	Predictors of Treatment Interruption During Frameless Gamma Knife Icon Stereotactic Radiosurgery. <i>Advances in Radiation Oncology</i> , 2020, 5, 1152-1157.	1.2	8
10	Drilling of the marginal tubercle to enhance exposure via mini pterional approach: An anatomical study and clinical series of 25 sphenoid wing meningiomas. , 2016, 7, 989.		6
11	Grafting polymer brushes by <scp>ATRP</scp> from functionalized poly(ether ether ketone) microparticles. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3948-3954.	3.2	5
12	Single Fraction Frameless Stereotactic Radiosurgery on the Gamma Knife Icon for Patients With Brain Metastases: Time to Abandon the Frame?. <i>Advances in Radiation Oncology</i> , 2021, 6, 100736.	1.2	4
13	Prediction of bleb formation in intracranial aneurysms using machine learning models based on aneurysm hemodynamics, geometry, location, and patient population. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1002-1007.	3.3	4
14	A Pediatric Tumor Found Frequently in the Adult Population: A Case of Anaplastic Astroblastoma in an Elderly Patient and Review of the Literature. <i>Case Reports in Neurological Medicine</i> , 2017, 2017, 1-5.	0.4	3
15	Laser interstitial thermal therapy (LITT) for intracranial lesions: a single-institutional series, outcomes, and review of the literature. <i>British Journal of Neurosurgery</i> , 2021, , 1-7.	0.8	3
16	Minimally Invasive Eyelid Incision Fronto-Orbital Craniotomy Approach to the Anterior Cranial Fossa: Lessons to Learn in Fifty-Eight Cases. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2012, 73, .	0.8	1
17	Commentary: The Resection of a Thalamic Pilocytic Astrocytoma Through the Transchoroidal Fissure, Transcallosal Approach: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E63-E64.	0.8	1
18	Pseudogout, an unconventional imitator of the lumbosacral spine with associated chronic epidural hematoma: illustrative cases. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.3	1

#	ARTICLE	IF	CITATIONS
19	Case Series of Skull Base Meningioma Resection in the Octogenarian Population. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.8	0
20	Endoscopic Transnasal Odontoidectomy: A Single-Center's Experience and Approach to Pathology of the Craniocervical Junction. , 2020, 81, .		0
21	Case Series of Skull Base Meningioma Resections in the Octogenarian Population. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.8	0
22	Mycotic aneurysm presenting as subdural empyema: illustrative case. Journal of Neurosurgery Case Lessons, 2022, 3, .	0.3	0
23	Modification to the "Key-Hole" Burr Hole, Technique and Nuances. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
24	Commentary: The Impact of Interhospital Competition on Treatment Strategy and Outcomes for Unruptured Intracranial Aneurysms. Neurosurgery, 2022, Publish Ahead of Print, .	1.1	0