

# Alexandre Roux

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6987770/publications.pdf>

Version: 2024-02-01

49  
papers

617  
citations

687363

13  
h-index

713466

21  
g-index

53  
all docs

53  
docs citations

53  
times ranked

842  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-grade gliomas in adolescents and young adults highlight histomolecular differences from their adult and pediatric counterparts. <i>Neuro-Oncology</i> , 2020, 22, 1190-1202.	1.2	50
2	Prognostic factors for survival in adult patients with recurrent glioblastoma: a decision-tree-based model. <i>Journal of Neuro-Oncology</i> , 2018, 136, 565-576.	2.9	47
3	MRI Atlas of IDH Wild-Type Supratentorial Glioblastoma: Probabilistic Maps of Phenotype, Management, and Outcomes. <i>Radiology</i> , 2019, 293, 633-643.	7.3	43
4	Extent of Resection and Residual Tumor Thresholds for Postoperative Total Seizure Freedom in Epileptic Adult Patients Harboring a Supratentorial Diffuse Low-Grade Glioma. <i>Neurosurgery</i> , 2019, 85, E332-E340.	1.1	41
5	Recurrent glioblastomas in the elderly after maximal first-line treatment: does preserved overall condition warrant a maximal second-line treatment?. <i>Journal of Neuro-Oncology</i> , 2017, 135, 285-297.	2.9	35
6	Functional-Based Resection Does Not Worsen Quality of Life in Patients with a Diffuse Low-Grade Glioma Involving Eloquent Brain Regions: A Prospective Cohort Study. <i>World Neurosurgery</i> , 2018, 113, e200-e212.	1.3	32
7	Extent of resection and Carmustine wafer implantation safely improve survival in patients with a newly diagnosed glioblastoma: a single center experience of the current practice. <i>Journal of Neuro-Oncology</i> , 2017, 135, 83-92.	2.9	29
8	Imaging practice in low-grade gliomas among European specialized centers and proposal for a minimum core of imaging. <i>Journal of Neuro-Oncology</i> , 2018, 139, 699-711.	2.9	26
9	Domain Mapping and Deep Learning from Multiple MRI Clinical Datasets for Prediction of Molecular Subtypes in Low Grade Gliomas. <i>Brain Sciences</i> , 2020, 10, 463.	2.3	24
10	Effect of Levetiracetam Use Duration on Overall Survival of Isocitrate Dehydrogenase Wild-Type Glioblastoma in Adults. <i>Neurology</i> , 2022, 98, .	1.1	20
11	The histomolecular criteria established for adult anaplastic pilocytic astrocytoma are not applicable to the pediatric population. <i>Acta Neuropathologica</i> , 2020, 139, 287-303.	7.7	19
12	Posterior Fossa Metastasis Associated Obstructive Hydrocephalus in Adult Patients: Literature Review and Practical Considerations from the Neuro-Oncology Club of the French Society of Neurosurgery. <i>World Neurosurgery</i> , 2018, 117, 271-279.	1.3	16
13	Surgical resection of cavernous angioma located within eloquent brain areas: International survey of the practical management among 19 specialized centers. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 69, 31-40.	2.0	16
14	Developmental venous anomaly in adult patients with diffuse glioma. <i>Neurology</i> , 2019, 92, e55-e62.	1.1	15
15	An epidemiology report for primary central nervous system tumors in adolescents and young adults: a nationwide population-based study in France, 2008-2013. <i>Neuro-Oncology</i> , 2020, 22, 851-863.	1.2	15
16	High Prevalence of Developmental Venous Anomaly in Diffuse Intrinsic Pontine Gliomas: A Pediatric Control Study. <i>Neurosurgery</i> , 2020, 86, 517-523.	1.1	13
17	Evolution of the neurosurgical management of progesterin-associated meningiomas: a 23-year single-center experience. <i>Journal of Neuro-Oncology</i> , 2021, 152, 279-288.	2.9	13
18	Feasibility, Safety and Impact on Overall Survival of Awake Resection for Newly Diagnosed Supratentorial IDH-Wildtype Glioblastomas in Adults. <i>Cancers</i> , 2021, 13, 2911.	3.7	13

#	ARTICLE	IF	CITATIONS
19	Surgical Site Infections after glioblastoma surgery: results of a multicentric retrospective study. <i>Infection</i> , 2021, 49, 267-275.	4.7	12
20	Individual Variability of the Human Cerebral Cortex Identified Using Intraoperative Mapping. <i>World Neurosurgery</i> , 2018, 109, e313-e317.	1.3	11
21	Independent Factors Affecting Postoperative Complication Rates After Custom-Made Porous Hydroxyapatite Cranioplasty: A Single-Center Review of 109 Cases. <i>World Neurosurgery</i> , 2018, 114, e1232-e1244.	1.3	10
22	Postoperative intracerebral haematomas following stereotactic biopsies: Poor planning or poor execution?. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2211.	2.3	10
23	Predictors of early postoperative epileptic seizures after awake surgery in supratentorial diffuse gliomas. <i>Journal of Neurosurgery</i> , 2021, 134, 683-692.	1.6	10
24	Surgery of Insular Diffuse Gliomas—Part 1: Transcortical Awake Resection Is Safe and Independently Improves Overall Survival. <i>Neurosurgery</i> , 2021, 89, 565-578.	1.1	10
25	Predictors of Epileptic Seizures and Ability to Work in Supratentorial Cavernous Angioma Located Within Eloquent Brain Areas. <i>Neurosurgery</i> , 2019, 85, E702-E713.	1.1	8
26	Meningioangiomas. <i>Neurology</i> , 2021, 96, 274-286.	1.1	8
27	Imaging growth as a predictor of grade of malignancy and aggressiveness of IDH-mutant and 1p/19q-codeleted oligodendrogliomas in adults. <i>Neuro-Oncology</i> , 2020, 22, 993-1005.	1.2	7
28	Diagnostic Accuracy of a Reduced Immunohistochemical Panel in Medulloblastoma Molecular Subtyping, Correlated to DNA-methylation Analysis. <i>American Journal of Surgical Pathology</i> , 2021, 45, 558-566.	3.7	7
29	Epileptic seizures in anaplastic gangliogliomas. <i>British Journal of Neurosurgery</i> , 2017, 31, 227-233.	0.8	6
30	Left Frontal Meningioangiomas Associated with Type IIIc Focal Cortical Dysplasia Causing Refractory Epilepsy and Literature Review. <i>World Neurosurgery</i> , 2018, 114, 281-288.	1.3	6
31	How I do it: trans-cortical approach for insular diffuse glioma. <i>Acta Neurochirurgica</i> , 2020, 162, 3025-3030.	1.7	6
32	Prognostic relevance of adding MRI data to WHO 2016 and cIMPACT-NOW updates for diffuse astrocytic tumors in adults. Working toward the extended use of MRI data in integrated glioma diagnosis. <i>Brain Pathology</i> , 2021, 31, e12929.	4.1	6
33	Surgery of Insular Diffuse Gliomas—Part 2: Probabilistic Cortico-Subcortical Atlas of Critical Eloquent Brain Structures and Probabilistic Resection Map During Transcortical Awake Resection. <i>Neurosurgery</i> , 2021, 89, 579-590.	1.1	6
34	Glioma Resection Unmasks Eloquent Brain Areas. <i>World Neurosurgery</i> , 2019, 132, 251-252.	1.3	4
35	Letter: Is Developmental Venous Anomaly an Imaging Biomarker of PIK3CA Mutated Gliomas?. <i>Neurosurgery</i> , 2020, 86, E93-E93.	1.1	4
36	Automated neurosurgical stereotactic planning for intraoperative use: a comprehensive review of the literature and perspectives. <i>Neurosurgical Review</i> , 2021, 44, 867-888.	2.4	4

#	ARTICLE	IF	CITATIONS
37	Relationship between tumour location and preoperative seizure incidence depends on glioma grade of malignancy. <i>Epileptic Disorders</i> , 2016, 18, 107-109.	1.3	3
38	Is function-based resection using intraoperative awake brain mapping feasible and safe for solitary brain metastases within eloquent areas?. <i>Neurosurgical Review</i> , 2021, 44, 3399-3410.	2.4	3
39	Does general comorbidity impact the postoperative outcomes after surgery for large and giant petroclival meningiomas?. <i>Neurosurgical Review</i> , 2022, 45, 617-626.	2.4	3
40	Toward a transitional care from childhood and adolescence to adulthood in surgical neurooncology? A lesson from the Necker-Enfants Malades and the Sainte-Anne Hospitals collaboration. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 1-7.	1.3	2
41	Discriminating surgical bed cysts from bacterial brain abscesses after Carmustine wafer implantation in newly diagnosed IDH-wildtype glioblastomas. <i>Neurosurgical Review</i> , 2022, 45, 1501-1511.	2.4	2
42	Letter: Long-Term Follow-up Study of MRI-Guided Bilateral Anterior Capsulotomy in Patients With Refractory Anorexia Nervosa. <i>Neurosurgery</i> , 2018, 83, E39-E40.	1.1	1
43	Letter to the editor: local alkylating chemotherapy applied immediately after 5-ALA guided resection of glioblastoma does not provide additional benefit. <i>Journal of Neuro-Oncology</i> , 2018, 138, 217-218.	2.9	0
44	Towards an integrated functional and epileptological approach in the management of meningioangiomas. <i>Journal of the Neurological Sciences</i> , 2018, 394, 57.	0.6	0
45	Comments on Results of Carroll etÂal's Study on Survival Benefits of Gross Total Resection. <i>World Neurosurgery</i> , 2018, 116, 478.	1.3	0
46	Do not omit the grade of malignancy when correlating the lobar location of diffuse gliomas and the risk of preoperative epileptic seizures. <i>Neurosurgical Review</i> , 2019, 42, 183-184.	2.4	0
47	In Reply: High Prevalence of Developmental Venous Anomaly in Diffuse Intrinsic Pontine Gliomas: A Pediatric Control Study. <i>Neurosurgery</i> , 2020, 87, E527-E527.	1.1	0
48	Age influences the distribution of diffuse gliomas. <i>Aging</i> , 2021, 13, 19083-19084.	3.1	0
49	Letter: Intraoperative Near-Infrared Optical Imaging Can Localize Gadolinium-Enhancing Gliomas During Surgery. <i>Neurosurgery</i> , 2017, 81, E44.	1.1	0