

Tommaso Sciortino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/581044/publications.pdf>

Version: 2024-02-01

27
papers

534
citations

687363

13
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of supratotal resection with progression-free survival, malignant transformation, and overall survival in lower-grade gliomas. <i>Neuro-Oncology</i> , 2021, 23, 812-826.	1.2	60
2	Preserving executive functions in nondominant frontal lobe glioma surgery: an intraoperative tool. <i>Journal of Neurosurgery</i> , 2019, 131, 474-480.	1.6	54
3	OUP accepted manuscript. <i>Brain</i> , 2019, 142, 2451-2465.	7.6	49
4	Glioma biopsies Classification Using Raman Spectroscopy and Machine Learning Models on Fresh Tissue Samples. <i>Cancers</i> , 2021, 13, 1073.	3.7	42
5	Is supratotal resection achievable in low-grade gliomas? Feasibility, putative factors, safety, and functional outcome. <i>Journal of Neurosurgery</i> , 2020, 132, 1692-1705.	1.6	35
6	Preoperative surgical planning of glioma: limitations and reliability of fMRI and DTI tractography. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 127-134.	0.6	34
7	Resection of tumors within the primary motor cortex using high-frequency stimulation: oncological and functional efficiency of this versatile approach based on clinical conditions. <i>Journal of Neurosurgery</i> , 2020, 133, 642-654.	1.6	32
8	Clinical Pearls and Methods for Intraoperative Motor Mapping. <i>Neurosurgery</i> , 2021, 88, 457-467.	1.1	26
9	Frameless stereotactic biopsy for precision neurosurgery: diagnostic value, safety, and accuracy. <i>Acta Neurochirurgica</i> , 2019, 161, 967-974.	1.7	24
10	Raman Spectroscopy and Machine Learning for IDH Genotyping of Unprocessed Glioma Biopsies. <i>Cancers</i> , 2021, 13, 4196.	3.7	23
11	Intraoperative Computed Tomography and Finite Element Modelling for Multimodal Image Fusion in Brain Surgery. <i>Operative Neurosurgery</i> , 2020, 18, 531-541.	0.8	17
12	Asleep or awake motor mapping for resection of peritumoral glioma in the nondominant hemisphere? Development and validation of a multimodal score to tailor the surgical strategy. <i>Journal of Neurosurgery</i> , 2022, 136, 16-29.	1.6	17
13	Robust Deep Learning-based Segmentation of Glioblastoma on Routine Clinical MRI Scans Using Sparsified Training. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190103.	5.8	16
14	Quantifying eloquent locations for glioblastoma surgery using resection probability maps. <i>Journal of Neurosurgery</i> , 2021, 134, 1091-1101.	1.6	14
15	Factors Influencing Mood Disorders and Health Related Quality of Life in Adults With Glioma: A Longitudinal Study. <i>Frontiers in Oncology</i> , 2021, 11, 662039.	2.8	14
16	Preserving Visual Functions During Gliomas Resection: Feasibility and Efficacy of a Novel Intraoperative Task for Awake Brain Surgery. <i>Frontiers in Oncology</i> , 2020, 10, 1485.	2.8	11
17	Challenging Giant Insular Gliomas With Brain Mapping: Evaluation of Neurosurgical, Neurological, Neuropsychological, and Quality of Life Results in a Large Mono-Institutional Series. <i>Frontiers in Oncology</i> , 2021, 11, 629166.	2.8	11
18	Targeting Primary Motor Cortex (M1) Functional Components in M1 Gliomas Enhances Safe Resection and Reveals M1 Plasticity Potentials. <i>Cancers</i> , 2021, 13, 3808.	3.7	11

#	ARTICLE	IF	CITATIONS
19	Glioblastoma Surgery Imagingâ€”Reporting and Data System: Validation and Performance of the Automated Segmentation Task. <i>Cancers</i> , 2021, 13, 4674.	3.7	9
20	Stimulation of frontal pathways disrupts hand muscle control during object manipulation. <i>Brain</i> , 2022, 145, 1535-1550.	7.6	9
21	Advancing Imaging to Enhance Surgery. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 31-46.	1.7	7
22	Prognostic validation and refinement of a classification system for extent of resection in glioblastoma: A report of the RANO <i>resect</i> group.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2003-2003.	1.6	7
23	Surgery for Glioblastoma in Elderly Patients. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 137-148.	1.7	5
24	Glioblastoma Surgery Imagingâ€”Reporting and Data System: Standardized Reporting of Tumor Volume, Location, and Resectability Based on Automated Segmentations. <i>Cancers</i> , 2021, 13, 2854.	3.7	5
25	On the cutting edge of glioblastoma surgery: where neurosurgeons agree and disagree on surgical decisions. <i>Journal of Neurosurgery</i> , 2022, 136, 45-55.	1.6	2
26	Inhibition. , 2021, , 251-272.		0
27	Intraoperative AIRO mobile computer tomography in frameless stereotactic procedures. <i>British Journal of Neurosurgery</i> , 2022, , 1-5.	0.8	0