Tommaso Sciortino

List of Publications by Year
in descending order

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	Asleep or awake motor mapping for resection of perirolandic glioma in the nondominant hemisphere? Development and validation of a multimodal score to tailor the surgical strategy. Journal of Neurosurgery, 2022, 136, 16-29.	1.6	17
2	On the cutting edge of glioblastoma surgery: where neurosurgeons agree and disagree on surgical decisions. Journal of Neurosurgery, 2022, 136, 45-55.	1.6	2
3	Stimulation of frontal pathways disrupts hand muscle control during object manipulation. Brain, 2022, 145, 1535-1550.	7.6	9
4	Intraoperative AIRO mobile computer tomography in frameless stereotactic procedures. British Journal of Neurosurgery, 2022, , 1-5.	0.8	0
5	Prognostic validation and refinement of a classification system for extent of resection in glioblastoma: A report of the RANO <i>resect</i> group.. Journal of Clinical Oncology, 2022, 40, 2003-2003.	1.6	7
6	Association of supratotal resection with progression-free survival, malignant transformation, and overall survival in lower-grade gliomas. Neuro-Oncology, 2021, 23, 812-826.	1.2	60
7	Surgery for Glioblastoma in Elderly Patients. Neurosurgery Clinics of North America, 2021, 32, 137-148.	1.7	5
8	Advancing Imaging to Enhance Surgery. Neurosurgery Clinics of North America, 2021, 32, 31-46.	1.7	7
9	Inhibition. , 2021, , 251-272.		0
10	Challenging Giant Insular Gliomas With Brain Mapping: Evaluation of Neurosurgical, Neurological, Neuropsychological, and Quality of Life Results in a Large Mono-Institutional Series. Frontiers in Oncology, 2021, 11, 629166.	2.8	11
11	Glioma biopsies Classification Using Raman Spectroscopy and Machine Learning Models on Fresh Tissue Samples. Cancers, 2021, 13, 1073.	3.7	42
12	Quantifying eloquent locations for glioblastoma surgery using resection probability maps. Journal of Neurosurgery, 2021, 134, 1091-1101.	1.6	14
13	Factors Influencing Mood Disorders and Health Related Quality of Life in Adults With Glioma: A Longitudinal Study. Frontiers in Oncology, 2021, 11, 662039.	2.8	14
14	Glioblastoma Surgery Imagingâ€"Reporting and Data System: Standardized Reporting of Tumor Volume, Location, and Resectability Based on Automated Segmentations. Cancers, 2021, 13, 2854.	3.7	5
15	Targeting Primary Motor Cortex (M1) Functional Components in M1 Gliomas Enhances Safe Resection and Reveals M1 Plasticity Potentials. Cancers, 2021, 13, 3808.	3.7	11
16	Raman Spectroscopy and Machine Learning for IDH Genotyping of Unprocessed Glioma Biopsies. Cancers, 2021, 13, 4196.	3.7	23
17	Glioblastoma Surgery Imagingâ€"Reporting and Data System: Validation and Performance of the Automated Segmentation Task. Cancers, 2021, 13, 4674.	3.7	9
18	Clinical Pearls and Methods for Intraoperative Motor Mapping. Neurosurgery, 2021, 88, 457-467.	1.1	26

#	Article	IF	Citations
19	Resection of tumors within the primary motor cortex using high-frequency stimulation: oncological and functional efficiency of this versatile approach based on clinical conditions. Journal of Neurosurgery, 2020, 133, 642-654.	1.6	32
20	Intraoperative Computed Tomography and Finite Element Modelling for Multimodal Image Fusion in Brain Surgery. Operative Neurosurgery, 2020, 18, 531-541.	0.8	17
21	Robust Deep Learning–based Segmentation of Glioblastoma on Routine Clinical MRI Scans Using Sparsified Training. Radiology: Artificial Intelligence, 2020, 2, e190103.	5.8	16
22	Preserving Visual Functions During Gliomas Resection: Feasibility and Efficacy of a Novel Intraoperative Task for Awake Brain Surgery. Frontiers in Oncology, 2020, 10, 1485.	2.8	11
23	Is supratotal resection achievable in low-grade gliomas? Feasibility, putative factors, safety, and functional outcome. Journal of Neurosurgery, 2020, 132, 1692-1705.	1.6	35
24	OUP accepted manuscript. Brain, 2019, 142, 2451-2465.	7.6	49
25	Frameless stereotactic biopsy for precision neurosurgery: diagnostic value, safety, and accuracy. Acta Neurochirurgica, 2019, 161, 967-974.	1.7	24
26	Preserving executive functions in nondominant frontal lobe glioma surgery: an intraoperative tool. Journal of Neurosurgery, 2019, 131, 474-480.	1.6	54
27	Preoperative surgical planning of glioma: limitations and reliability of fMRI and DTI tractography. Journal of Neurosurgical Sciences, 2019, 63, 127-134.	0.6	34