

Antonella Leonetti

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

742
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

727
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. <i>Journal of Neurosurgery</i> , 2022, 136, 16-29.	1.6	17
2	Stimulation of frontal pathways disrupts hand muscle control during object manipulation. <i>Brain</i> , 2022, 145, 1535-1550.	7.6	9
3	Motor impairment evoked by direct electrical stimulation of human parietal cortex during object manipulation. <i>NeuroImage</i> , 2022, 248, 118839.	4.2	3
4	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
5	Inhibition. , 2021, , 251-272.		0
6	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
7	Distinct Functional and Structural Connectivity of the Human Hand-Knob Supported by Intraoperative Findings. <i>Journal of Neuroscience</i> , 2021, 41, 4223-4233.	3.6	9
8	Negative motor responses to direct electrical stimulation: Behavioral assessment hides different effects on muscles. <i>Cortex</i> , 2021, 137, 194-204.	2.4	8
9	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
10	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
11	Clinical Pearls and Methods for Intraoperative Motor Mapping. <i>Neurosurgery</i> , 2021, 88, 457-467.	1.1	26
12	Large scale networks for human hand-object interaction: Functionally distinct roles for two premotor regions identified intraoperatively. <i>NeuroImage</i> , 2020, 204, 116215.	4.2	12
13	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
14	Direct Electrical Stimulation of Premotor Areas: Different Effects on Hand Muscle Activity during Object Manipulation. <i>Cerebral Cortex</i> , 2020, 30, 391-405.	2.9	29
15	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
16	The role of left fronto-parietal tracts in hand selection: Evidence from neurosurgery. <i>Cortex</i> , 2020, 128, 297-311.	2.4	13
17	Direct electrical stimulation of the premotor cortex shuts down awareness of voluntary actions. <i>Nature Communications</i> , 2020, 11, 705.	12.8	44
18	fMRI-Targeted High-Angular Resolution Diffusion MR Tractography to Identify Functional Language Tracts in Healthy Controls and Glioma Patients. <i>Frontiers in Neuroscience</i> , 2020, 14, 225.	2.8	27

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19	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
20	OUP accepted manuscript. <i>Brain</i> , 2019, 142, 2451-2465.	7.6	49
21	Surgery Followed by Hypofractionated Radiosurgery on the Tumor Bed in Oligometastatic Patients With Large Brain Metastases. Results of a Phase 2 Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 1095-1105.	0.8	15
22	Anatomo-functional characterisation of the human "hand-knob". A direct electrophysiological study. <i>Cortex</i> , 2019, 113, 239-254.	2.4	44
23	Preserving executive functions in nondominant frontal lobe glioma surgery: an intraoperative tool. <i>Journal of Neurosurgery</i> , 2019, 131, 474-480.	1.6	54
24	Assessment of the praxis circuit in glioma surgery to reduce the incidence of postoperative and long-term apraxia: a new intraoperative test. <i>Journal of Neurosurgery</i> , 2018, 130, 17-27.	1.6	41
25	Attention and cognitive load modulate motor resonance during action observation. <i>Brain and Cognition</i> , 2018, 128, 7-16.	1.8	15
26	The role of attention in human motor resonance. <i>PLoS ONE</i> , 2017, 12, e0177457.	2.5	33
27	Are three weeks hypofractionated radiation therapy (HFRT) comparable to six weeks for newly diagnosed glioblastoma patients? Results of a phase II study. <i>Oncotarget</i> , 2017, 8, 67696-67708.	1.8	16
28	Decreased motor cortex excitability mirrors own hand disembodiment during the rubber hand illusion. <i>ELife</i> , 2016, 5, .	6.0	74
29	What you see is what you get: motor resonance in peripheral vision. <i>Experimental Brain Research</i> , 2015, 233, 3013-3022.	1.5	30