

Luca Fornia

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

633
citations

623734

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26
all docs

26
docs citations

26
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Preserving executive functions in nondominant frontal lobe glioma surgery: an intraoperative tool. <i>Journal of Neurosurgery</i> , 2019, 131, 474-480.	1.6	54
2	Embodiment of others'™ hands elicits arousal responses similar to one's™ own hands. <i>Current Biology</i> , 2014, 24, R738-R739.	3.9	49
3	OUP accepted manuscript. <i>Brain</i> , 2019, 142, 2451-2465.	7.6	49
4	Anatomo-functional characterisation of the human 'œhand-knob'œ. A direct electrophysiological study. <i>Cortex</i> , 2019, 113, 239-254.	2.4	44
5	Direct electrical stimulation of the premotor cortex shuts down awareness of voluntary actions. <i>Nature Communications</i> , 2020, 11, 705.	12.8	44
6	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
7	Pain and Body Awareness: Evidence from Brain-Damaged Patients with Delusional Body Ownership. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 298.	2.0	38
8	The mirror neuron system and the strange case of Broca's area. <i>Human Brain Mapping</i> , 2015, 36, 1010-1027.	3.6	37
9	The role of attention in human motor resonance. <i>PLoS ONE</i> , 2017, 12, e0177457.	2.5	33
10	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
11	Somato-Motor Haptic Processing in Posterior Inner Perisylvian Region (SII/pIC) of the Macaque Monkey. <i>PLoS ONE</i> , 2013, 8, e69931.	2.5	32
12	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
13	Clinical Pearls and Methods for Intraoperative Motor Mapping. <i>Neurosurgery</i> , 2021, 88, 457-467.	1.1	26
14	Broca's™ Area as a Pre-articulatory Phonetic Encoder: Gating the Motor Program. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 64.	2.0	18
15	Mapping in Low-Grade Glioma Surgery. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 55-63.	1.7	17
16	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
17	The role of left fronto-parietal tracts in hand selection: Evidence from neurosurgery. <i>Cortex</i> , 2020, 128, 297-311.	2.4	13
18	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

#	ARTICLE	IF	CITATIONS
19	Reproducing macaque lateral grasping and oculomotor networks using resting state functional connectivity and diffusion tractography. <i>Brain Structure and Function</i> , 2020, 225, 2533-2551.	2.3	11
20	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
21	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
22	Stimulation of frontal pathways disrupts hand muscle control during object manipulation. <i>Brain</i> , 2022, 145, 1535-1550.	7.6	9
23	Negative motor responses to direct electrical stimulation: Behavioral assessment hides different effects on muscles. <i>Cortex</i> , 2021, 137, 194-204.	2.4	8
24	Motor impairment evoked by direct electrical stimulation of human parietal cortex during object manipulation. <i>NeuroImage</i> , 2022, 248, 118839.	4.2	3
25	Neurophysiology of language and cognitive mapping. , 2020, , 101-112.		0