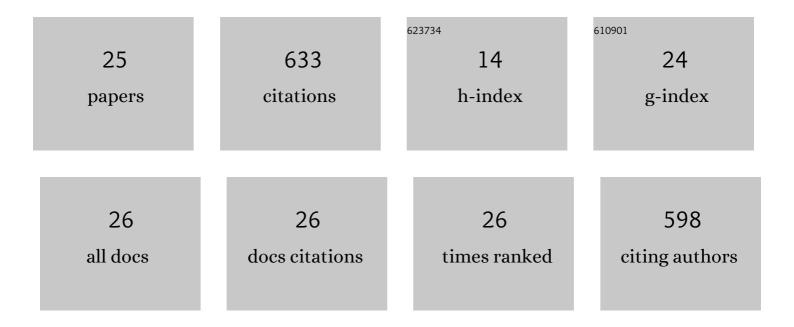
Luca Fornia

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6382630/publications.pdf Version: 2024-02-01



LUCA FORMA

#	Article	IF	CITATIONS
1	Preserving executive functions in nondominant frontal lobe glioma surgery: an intraoperative tool. Journal of Neurosurgery, 2019, 131, 474-480.	1.6	54
2	Embodiment of others' hands elicits arousal responses similar to one's own hands. Current Biology, 2014, 24, R738-R739.	3.9	49
3	OUP accepted manuscript. Brain, 2019, 142, 2451-2465.	7.6	49
4	Anatomo-functional characterisation of the human "hand-knob― A direct electrophysiological study. Cortex, 2019, 113, 239-254.	2.4	44
5	Direct electrical stimulation of the premotor cortex shuts down awareness of voluntary actions. Nature Communications, 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. Journal of Neurosurgery, 2018, 130, 17-27.	1.6	41
7	Pain and Body Awareness: Evidence from Brain-Damaged Patients with Delusional Body Ownership. Frontiers in Human Neuroscience, 2013, 7, 298.	2.0	38
8	The mirror neuron system and the strange case of Broca's area. Human Brain Mapping, 2015, 36, 1010-1027.	3.6	37
9	The role of attention in human motor resonance. PLoS ONE, 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. Journal of Neurosurgery, 2020, 133, 642-654.	1.6	32
11	Somato-Motor Haptic Processing in Posterior Inner Perisylvian Region (SII/pIC) of the Macaque Monkey. PLoS ONE, 2013, 8, e69931.	2.5	32
12	Direct Electrical Stimulation of Premotor Areas: Different Effects on Hand Muscle Activity during Object Manipulation. Cerebral Cortex, 2020, 30, 391-405.	2.9	29
13	Clinical Pearls and Methods for Intraoperative Motor Mapping. Neurosurgery, 2021, 88, 457-467.	1.1	26
14	Broca's Area as a Pre-articulatory Phonetic Encoder: Gating the Motor Program. Frontiers in Human Neuroscience, 2018, 12, 64.	2.0	18
15	Mapping in Low-Grade Glioma Surgery. Neurosurgery Clinics of North America, 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. Frontiers in Oncology, 2021, 11, 662039.	2.8	14
17	The role of left fronto-parietal tracts in hand selection: Evidence from neurosurgery. Cortex, 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. NeuroImage, 2020, 204, 116215.	4.2	12

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#	Article	IF	CITATIONS
19	Reproducing macaque lateral grasping and oculomotor networks using resting state functional connectivity and diffusion tractography. Brain Structure and Function, 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. Cancers, 2021, 13, 3808.	3.7	11
21	Distinct Functional and Structural Connectivity of the Human Hand-Knob Supported by Intraoperative Findings. Journal of Neuroscience, 2021, 41, 4223-4233.	3.6	9
22	Stimulation of frontal pathways disrupts hand muscle control during object manipulation. Brain, 2022, 145, 1535-1550.	7.6	9
23	Negative motor responses to direct electrical stimulation: Behavioral assessment hides different effects on muscles. Cortex, 2021, 137, 194-204.	2.4	8
24	Motor impairment evoked by direct electrical stimulation of human parietal cortex during object manipulation. Neurolmage, 2022, 248, 118839.	4.2	3
25	Neurophysiology of language and cognitive mapping. , 2020, , 101-112.		0