Enrica M Fava

List of Publications by Year
in descending order

29 papers	2,121 citations	430874 18 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	2191 citing authors

#	Article	IF	Citations
1	Motor and language DTI Fiber Tracking combined with intraoperative subcortical mapping for surgical removal of gliomas. NeuroImage, 2008, 39, 369-382.	4.2	372
2	Intraoperative electrical stimulation in awake craniotomy: methodological aspects of current practice. Neurosurgical Focus, 2010, 28, E7.	2.3	296
3	What is the role of the uncinate fasciculus? Surgical removal and proper name retrieval. Brain, 2011, 134, 405-414.	7.6	246
4	Intraoperative use of diffusion tensor imaging fiber tractography and subcortical mapping for resection of gliomas: technical considerations. Neurosurgical Focus, 2010, 28, E6.	2.3	137
5	Intraoperative Language Localizationin Multilingual Patients With Gliomas. Neurosurgery, 2006, 59, 115-125.	1.1	134
6	Tailoring neurophysiological strategies with clinical context enhances resection and safety and expands indications in gliomas involving motor pathways. Neuro-Oncology, 2014, 16, 1110-1128.	1.2	127
7	Role of diffusion tensor magnetic resonance tractography in predicting the extent of resection in glioma surgery. Neuro-Oncology, 2012, 14, 192-202.	1.2	124
8	Mapping the brain network of the phonological loop. Human Brain Mapping, 2017, 38, 3011-3024.	3.6	94
9	Cerebral correlates of visuospatial neglect: A direct cerebral stimulation study. Human Brain Mapping, 2014, 35, 1334-1350.	3.6	89
10	Intraoperative mapping and monitoring of brain functions for the resection of low-grade gliomas: technical considerations. Neurosurgical Focus, 2009, 27, E4.	2.3	74
11	Connectivity constraints on cortical reorganization of neural circuits involved in object naming. NeuroImage, 2011, 55, 1306-1313.	4.2	59
12	Specific disgust processing in the left insula: New evidence from direct electrical stimulation. Neuropsychologia, 2016, 84, 29-35.	1.6	59
13	Monopolar high-frequency language mapping: can it help in the surgical management of gliomas? A comparative clinical study. Journal of Neurosurgery, 2016, 124, 1479-1489.	1.6	45
14	TRANSIENT INHIBITION OF MOTOR FUNCTION INDUCED BY THE CAVITRON ULTRASONIC SURGICAL ASPIRATOR DURING BRAIN MAPPING. Neurosurgery, 2008, 63, E178-E179.	1.1	41
15	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
16	The mirror neuron system and the strange case of Broca's area. Human Brain Mapping, 2015, 36, 1010-1027.	3.6	37
17	Cat posture on a tilted platform. Experimental Brain Research, 1984, 57, 82-8.	1.5	35
18	Value of Surgical Resection in Patients with Newly Diagnosed Grade III Glioma Treated in a Multimodal Approach: Surgery, Chemotherapy and Radiotherapy. Annals of Surgical Oncology, 2016, 23, 3040-3046.	1.5	29

#	Article	IF	Citations
19	Intraoperative Mapping for Tumor Resection. Neuroimaging Clinics of North America, 2009, 19, 597-614.	1.0	15
20	Intraoperative forces and moments analysis on patient head clamp during awake brain surgery. Medical and Biological Engineering and Computing, 2013, 51, 331-341.	2.8	13
21	Intramedullary spinal cord tumors: the value of intraoperative neurophysiological monitoring in a series of 57 cases from two Italian centers. Journal of Neurosurgical Sciences, 2022, 66, .	0.6	12
22	Holmes tremor: a delayed complication after resection of brainstem cavernomas. Journal of Neurosurgery, 2021, 135, 693-703.	1.6	11
23	Beautiful Eyes Guiding Powerful Hands - The Role of Intraoperative Imaging Techniques in the Surgical Management of Gliomas. European Neurological Review, 2011, 6, 208.	0.5	11
24	Long latency responses in tongue muscle elicited by various stimulation sites in anesthetized humans â€“ New insights into tongue-related brainstem reflexes. Brain Stimulation, 2022, 15, 566-575.	1.6	7
25	Properties of the spike afterhyperpolarization in pyramidal tract neurons. Brain Research, 1983, 259, 143-146.	2.2	4
26	Combined Use of DES, EMG and MEP Monitoring, ECoG and EEG for Surgical Resection of Gliomas. European Neurological Review, 2008, 3, 70.	0.5	3
27	Preoperative Diffuson Tensor Imaging (DTI): contribution to surgical planning and validation by intraoperative electrostimulation. , 2011, , 263-275.		2
28	Clinical considerations on a right operculo-insular cavernous angioma: an illustrative case. Acta Neurochirurgica, 2021, 163, 2755-2759.	1.7	1
29	Cerebellopontine Angle Surgery Assisted by Continuous Mapping of the Facial Nerve Via the Ultrasonic Aspirator. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, 82, 369-374.	0.8	1