

Roberto Cordella

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,145
citations

430442

18
h-index

395343

33
g-index

48
all docs

48
docs citations

48
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Is fluorescein-guided technique able to help in resection of high-grade gliomas?. <i>Neurosurgical Focus</i> , 2014, 36, E5.	1.0	133
2	Deep brain stimulation of the posteromedial hypothalamus: indications, long-term results, and neurophysiological considerations. <i>Neurosurgical Focus</i> , 2010, 29, E13.	1.0	104
3	Deep-brain stimulation of the nucleus accumbens in obsessive compulsive disorder: clinical, surgical and electrophysiological considerations in two consecutive patients. <i>Neurological Sciences</i> , 2010, 31, 353-359.	0.9	83
4	Preoperative Mapping of the Sensorimotor Cortex: Comparative Assessment of Task-Based and Resting-State fMRI. <i>PLoS ONE</i> , 2014, 9, e98860.	1.1	83
5	Fluorescein-guided surgery for malignant gliomas: a review. <i>Neurosurgical Review</i> , 2014, 37, 547-557.	1.2	74
6	Deep Brain Stimulation of Two Unconventional Targets in Refractory Non-Resectable Epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , 2008, 86, 373-381.	0.8	69
7	Fluorescein-Guided Resection of Intramedullary Spinal Cord Tumors: Results from a Preliminary, Multicentric, Retrospective Study. <i>World Neurosurgery</i> , 2017, 108, 603-609.	0.7	58
8	Deep-Brain Stimulation for Aggressive and Disruptive Behavior. <i>World Neurosurgery</i> , 2013, 80, S29.e11-S29.e14.	0.7	51
9	Bursting activity of neurons in the human anterior thalamic nucleus. <i>Brain Research</i> , 2006, 1115, 1-8.	1.1	44
10	Deep brain stimulation for movement disorders. Considerations on 276 consecutive patients. <i>Journal of Neural Transmission</i> , 2011, 118, 1497-1510.	1.4	39
11	Occult spinal dysraphism: lessons learned by retrospective analysis of 149 surgical cases about natural history, surgical indications, urodynamic testing, and intraoperative neurophysiological monitoring. <i>Child's Nervous System</i> , 2013, 29, 1657-1669.	0.6	39
12	Targeting the brain: considerations in 332 consecutive patients treated by deep brain stimulation (DBS) for severe neurological diseases. <i>Neurological Sciences</i> , 2012, 33, 1285-1303.	0.9	28
13	Long-Term Chronic Stimulation of Internal Capsule in Poststroke Pain and Spasticity. <i>Stereotactic and Functional Neurosurgery</i> , 2008, 86, 179-183.	0.8	27
14	Practical assessment of preoperative functional mapping techniques: navigated transcranial magnetic stimulation and functional magnetic resonance imaging. <i>Neurological Sciences</i> , 2013, 34, 1551-1557.	0.9	24
15	Spatio-temporal structure of single neuron subthalamic activity identifies DBS target for anesthetized Tourette syndrome patients. <i>Journal of Neural Engineering</i> , 2019, 16, 066011.	1.8	23
16	Intraoperative neurophysiological monitoring of the cortico-spinal tract in image-guided mini-invasive neurosurgery. <i>Clinical Neurophysiology</i> , 2013, 124, 1244-1254.	0.7	22
17	Dorsal anterior cingulate cortex (ACC) deep brain stimulation (DBS): a promising surgical option for the treatment of refractory thalamic pain syndrome (TPS). <i>Acta Neurochirurgica</i> , 2019, 161, 1579-1588.	0.9	22
18	Neuromodulation in treatment of refractory headaches. <i>Neurological Sciences</i> , 2008, 29, 65-68.	0.9	21

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19	Risk of seizures during intraoperative electrocortical stimulation of brain motor areas: a retrospective study on 50 patients. <i>Neurological Sciences</i> , 2013, 34, 63-70.	0.9	19
20	Secondary chronic cluster headache treated by posterior hypothalamic deep brain stimulation: First reported case. <i>Cephalalgia</i> , 2013, 33, 136-138.	1.8	19
21	Long-term outcome after limited cortical resections in two cases of adult-onset Rasmussen encephalitis. <i>Epilepsia</i> , 2014, 55, e38-e43.	2.6	18
22	Improvement of Secondary Fixed Dystonia of the Upper Limb After Chronic Extradural Motor Cortex Stimulation in 10 Patients. <i>Neurosurgery</i> , 2012, 70, 1169-1175.	0.6	14
23	The lateral infratrigeminal transpontine window to deep pontine lesions. <i>Journal of Neurosurgery</i> , 2015, 123, 699-710.	0.9	13
24	Multimodal Approach for Radical Excision of Focal Cortical Dysplasia by Combining Advanced Magnetic Resonance Imaging Data to Intraoperative Ultrasound, Electrocorticography, and Cortical Stimulation: A Preliminary Experience. <i>World Neurosurgery</i> , 2018, 113, e738-e746.	0.7	13
25	Poststroke fixed dystonia of the foot relieved by chronic stimulation of the posterior limb of the internal capsule. <i>Journal of Neurosurgery</i> , 2009, 111, 1216-1219.	0.9	12
26	Deep brain stimulation for the treatment of drug-refractory epilepsy in a patient with a hypothalamic hamartoma. <i>Neurosurgical Focus</i> , 2011, 30, E4.	1.0	12
27	Deep brain stimulation in critical care conditions. <i>Journal of Neural Transmission</i> , 2014, 121, 391-398.	1.4	11
28	Early de-tethering: analysis of urological and clinical consequences in a series of 40 children. <i>Child's Nervous System</i> , 2021, 37, 941-949.	0.6	11
29	Intraoperative microrecordings in the posterior hypothalamus of anaesthetized humans with aggressive behaviour. <i>Neurological Sciences</i> , 2010, 31, 183-188.	0.9	10
30	Deep brain stimulation of the posterior limb of the internal capsule in the treatment of central poststroke neuropathic pain of the lower limb: case series with long-term follow-up and literature review. <i>Journal of Neurosurgery</i> , 2020, 133, 830-838.	0.9	7
31	Immediate disappearance of hemifacial spasm after partial removal of ponto-medullary junction anaplastic astrocytoma: case report. <i>Neurosurgical Review</i> , 2015, 38, 385-390.	1.2	6
32	Posteroventrolateral pallidotomy through implanted DBS electrodes monitored by recording local field potentials. <i>British Journal of Neurosurgery</i> , 2015, 29, 888-890.	0.4	6
33	Motor evoked potentials and bis-guided anaesthesia in image-guided mini-invasive neurosurgery of supratentorial tumors nearby the cortico-spinal tract. <i>Turkish Neurosurgery</i> , 2017, 28, 341-348.	0.1	6
34	Improvement of hand dexterity induced by stimulation of the peduncolopontine nucleus in a patient with advanced Parkinson's disease and previous long-lasting bilateral subthalamic DBS. <i>Acta Neurochirurgica</i> , 2011, 153, 1587-1590.	0.9	5
35	Comparative analysis of explanted DBS electrodes. <i>Acta Neurochirurgica</i> , 2015, 157, 2135-2141.	0.9	5
36	Morphological and chemical analysis of a deep brain stimulation electrode explanted from a dystonic patient. <i>Journal of Neural Transmission</i> , 2013, 120, 1425-1431.	1.4	4

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37	Intraoperative compound muscle action potentials (CMAPs) amplitude changes after decompression and neurolysis of peripheral nerves in upper limbs neuropathies: electrophysiological considerations and relation with clinical outcome. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 391-396.	0.3	3
38	Role of intra-operative neurophysiologic monitoring during decompression and neurolysis after peripheral nerve injury: Case report. <i>Somatosensory & Motor Research</i> , 2012, 29, 117-121.	0.4	2
39	Bilateral simultaneous implant of electrodes within the subthalamic nucleus. Feasibility and advantages. <i>Acta Neurochirurgica</i> , 2013, 155, 1675-1676.	0.9	2
40	Surgical treatment of primary headaches. <i>Neurological Sciences</i> , 2012, 33, 131-135.	0.9	0
41	Surgical "Fat Patch" Improves Secondary Intracranial Hypotension Orthostatic Headache Associated with Lumbosacral Dural Ectasia. <i>World Neurosurgery</i> , 2017, 107, 1053.e7-1053.e10.	0.7	0
42	The Neurophysiological Testing. <i>Urodynamics, Neurourology and Pelvic Floor Dysfunctions</i> , 2018, , 101-108.	0.0	0
43	Direct Cortical Stimulation for the Treatment of Dystonia. , 0, , 335-342.		0
44	Deep Brain Stimulation in Aggressive Behavior. , 2015, , 211-216.		0