Jordi RumiÃ

List of Publications by Year in descending order

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Version: 2024-02-01

71 papers	2,302 citations	186265 28 h-index	223800 46 g-index
80 all docs	80 docs citations	80 times ranked	2633 citing authors

#	Article	IF	Citations
1	Effects of Bilateral Subthalamic Stimulation on Cognitive Function in Parkinson Disease. Archives of Neurology, 2001, 58, 1223.	4.5	226
2	Levodopa Withdrawal After Bilateral Subthalamic Nucleus Stimulation in Advanced Parkinson Disease. Archives of Neurology, 2000, 57, 983.	4.5	197
3	Bilateral subthalamic nucleus stimulation and quality of life in advanced Parkinson's disease. Movement Disorders, 2002, 17, 372-377.	3.9	148
4	Bilateral subthalamic stimulation monotherapy in advanced Parkinson's disease: Longâ€term followâ€up of patients. Movement Disorders, 2002, 17, 125-132.	3.9	89
5	Prospective comparative study on costâ€effectiveness of subthalamic stimulation and best medical treatment in advanced Parkinson's disease. Movement Disorders, 2007, 22, 2183-2191.	3.9	81
6	Comparative cognitive effects of bilateral subthalamic stimulation and subcutaneous continuous infusion of apomorphine in Parkinson's disease. Movement Disorders, 2004, 19, 1463-1469.	3.9	75
7	Validation of FDG-PET/MRI coregistration in nonlesional refractory childhood epilepsy. Epilepsia, 2011, 52, 2216-2224.	5.1	67
8	Epilepsy surgery in drug resistant temporal lobe epilepsy associated with neuronal antibodies. Epilepsy Research, 2017, 129, 101-105.	1.6	67
9	Clinical Role of Subtraction Ictal SPECT Coregistered to MR Imaging and ¹⁸F-FDG PET in Pediatric Epilepsy. Journal of Nuclear Medicine, 2014, 55, 1099-1105.	5.0	66
10	Simultaneous low-frequency deep brain stimulation of the substantia nigra pars reticulata and high-frequency stimulation of the subthalamic nucleus to treat levodopa unresponsive freezing of gait in Parkinson's disease: A pilot study. Parkinsonism and Related Disorders, 2019, 60, 153-157.	2.2	59
11	Prevalence of interictal psychiatric disorders in patients with refractory temporal and extratemporal lobe epilepsy in Spain. A comparative study. Epilepsia, 2010, 51, 1309-1313.	5.1	58
12	Neuropsychological tests with lateralizing value in patients with temporal lobe epilepsy: Reconsidering material-specific theory. Seizure: the Journal of the British Epilepsy Association, 2005, 14, 569-576.	2.0	50
13	A New Rechargeable Device for Deep Brain Stimulation: A Prospective Patient Satisfaction Survey. European Neurology, 2013, 69, 193-199.	1.4	50
14	Psychiatric disorders in temporal lobe epilepsy patients over the first year after surgical treatment. Seizure: the Journal of the British Epilepsy Association, 2007, 16, 218-225.	2.0	49
15	Cognitive and behavioral changes after unilateral posteroventral pallidotomy: Relationship with lesional data from MRI. Movement Disorders, 1999, 14, 780-789.	3.9	46
16	Identifying the structures involved in seizure generation using sequential analysis of ictal-fMRI data. NeuroImage, 2009, 47, 173-183.	4.2	45
17	Targeting of the Subthalamic Nucleus for Deep Brain Stimulation: A Survey Among Parkinson Disease Specialists. World Neurosurgery, 2017, 99, 41-46.	1.3	45
18	Presynaptic parkinsonism in multiple system atrophy mimicking Parkinson's disease: A clinicopathological case study. Movement Disorders, 2002, 17, 812-816.	3.9	41

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19	Oxidative stress markers in the neocortex of drug-resistant epilepsy patients submitted to epilepsy surgery. Epilepsy Research, 2013, 107, 75-81.	1.6	41
20	Brain Metastases in Endometrial Carcinoma. Gynecologic Oncology, 1998, 70, 282-284.	1.4	40
21	Seizureâ€onset zone localization by statistical parametric mapping in visually normal ¹⁸Fâ€<scp>FDG PET</scp> studies. Epilepsia, 2016, 57, 1236-1244.	5.1	40
22	Motor responses of muscles supplied by cranial nerves to subthalamic nucleus deep brain stimuli. Brain, 2006, 130, 245-255.	7.6	38
23	Single subthalamic nucleus deep brain stimuli inhibit the blink reflex in Parkinson's disease patients. Brain, 2006, 129, 1758-1767.	7.6	36
24	Functional neuroimaging in startle epilepsy: Involvement of a mesial frontoparietal network. Epilepsia, 2011, 52, 1725-1732.	5.1	33
25	The silent period of the thenar muscles to contralateral and ipsilateral deep brain stimulation. Clinical Neurophysiology, 2006, 117, 2512-2520.	1.5	32
26	Efficiency of Venlafaxine in Patients With Psychogenic Nonepileptic Seizures and Anxiety and/or Depressive Disorders. Journal of Neuropsychiatry and Clinical Neurosciences, 2010, 22, 401-408.	1.8	29
27	Postictal psychosis: A retrospective study in patients with refractory temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2009, 18, 145-149.	2.0	28
28	Frameless robot-assisted pallidal deep brain stimulation surgery in pediatric patients with movement disorders: precision and short-term clinical results. Journal of Neurosurgery: Pediatrics, 2018, 22, 416-425.	1.3	28
29	A prospective study contrasting the psychiatric outcome in drugâ€resistant epilepsy between patients who underwent surgery and a control group. Epilepsia, 2016, 57, 1680-1690.	5.1	26
30	Combined 18F-FDG-PET and diffusion tensor imaging in mesial temporal lobe epilepsy with hippocampal sclerosis. NeuroImage: Clinical, 2016, 12, 976-989.	2.7	24
31	External trigeminal nerve stimulation for drug resistant epilepsy: A randomized controlled trial. Brain Stimulation, 2020, 13, 1245-1253.	1.6	24
32	Sequential analysis of fMRI images: A new approach to study human epileptic networks. Epilepsia, 2009, 50, 2526-2537.	5.1	23
33	Subcortical Interactions Between Somatosensory Stimuli of Different Modalities and Their Temporal Profile. Journal of Neurophysiology, 2008, 100, 1610-1621.	1.8	22
34	Ictal <scp>EEG</scp>â€f<scp>MRI</scp> in localization of epileptogenic area in patients with refractory neocortical focal epilepsy. Epilepsia, 2013, 54, 1688-1698.	5.1	22
35	Frameless robot-assisted stereoelectroencephalography for refractory epilepsy in pediatric patients: accuracy, usefulness, and technical issues. Acta Neurochirurgica, 2018, 160, 2489-2500.	1.7	20
36	Human central nervous system circuits examined through the electrodes implanted for deep brain stimulation. Clinical Neurophysiology, 2008, 119, 1219-1231.	1.5	18

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37	Modulation of the soleus H reflex by electrical subcortical stimuli in humans. Experimental Brain Research, 2011, 212, 439-448.	1.5	18
38	Validation of an Automatic Dose Injection System for Ictal SPECT in Epilepsy. Journal of Nuclear Medicine, 2012, 53, 324-329.	5.0	18
39	Four year follow-up study after unilateral pallidotomy in advanced Parkinson's disease. Journal of Neurology, 2002, 249, 1671-1677.	3.6	17
40	Identifying the cortical substrates of interictal epileptiform activity in patients with extratemporal epilepsy: An <scp>EEG</scp>â€<scp>fMRI</scp> sequential analysis and <scp>FDG</scp>â€<scp>PET</scp> study. Epilepsia, 2013, 54, 678-690.	5.1	17
41	<scp>l</scp>â€Dopa/carbidopa intestinal gel and subthalamic nucleus stimulation: Effects on cognition and behavior. Brain and Behavior, 2017, 7, e00848.	2.2	17
42	Effects of unilateral posteroventral pallidotomy on â€˜onâ€“offâ€™ cognitive fluctuations in Parkinson's disease. Neuropsychologia, 2000, 38, 628-633.	1.6	16
43	Presurgical evaluation and cognitive functional reorganization in Fishman syndrome. Epilepsy and Behavior, 2005, 6, 440-443.	1.7	16
44	Psychiatric Symptoms in Refractory Epilepsy During the First Year After Surgery. Neurotherapeutics, 2018, 15, 1082-1092.	4.4	16
45	PISCOM: a new procedure for epilepsy combining ictal SPECT and interictal PET. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2358-2367.	6.4	14
46	Beyond the Epileptic Focus: Functional Epileptic Networks in Focal Epilepsy. Cerebral Cortex, 2020, 30, 2338-2357.	2.9	14
47	A single case report of MR-guided focused ultrasound thalamotomy for tremor in fragile Xâ€“associated tremor/ataxia. Parkinsonism and Related Disorders, 2016, 28, 159-160.	2.2	12
48	Epileptogenic Zone Localization With 18FDG PET Using a New Dynamic Parametric Analysis. Frontiers in Neurology, 2019, 10, 380.	2.4	12
49	Cognitive effects of unilateral posteroventral pallidotomy: A 4-year follow-up study. Movement Disorders, 2003, 18, 323-328.	3.9	11
50	Oroalimentary automatisms induced by electrical stimulation of the fronto-opercular cortex in a patient without automotor seizures. Epilepsy and Behavior, 2008, 13, 410-412.	1.7	11
51	Ocular Tilt Reaction as a Delayed Complication of Deep Brain Stimulation for Parkinson Disease. Journal of Neuro-Ophthalmology, 2009, 29, 286-288.	0.8	10
52	Malignant autosomal dominant frontal lobe epilepsy withÂrepeated episodes ofÂstatus epilepticus: successful treatment withÂvagal nerve stimulation. Epileptic Disorders, 2010, 12, 155-158.	1.3	9
53	Psychiatric disorders in patients with resistant temporal lobe epilepsy two years after undergoing elective surgery. A longitudinal study. Epilepsy and Behavior, 2021, 118, 107921.	1.7	9
54	Seizure frequency and social outcome in drug resistant epilepsy patients who do not undergo epilepsy surgery. Seizure: the Journal of the British Epilepsy Association, 2011, 20, 580-582.	2.0	8

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55	Eicosanoid levels in the neocortex of drug-resistant epileptic patients submitted to epilepsy surgery. Epilepsy Research, 2012, 99, 127-131.	1.6	8
56	Ictal bruxism treated with temporal lobectomy. Sleep Medicine, 2015, 16, 1429-1431.	1.6	7
57	Presurgical evaluation in refractory epilepsy secondary to meningitis or encephalitis: bilateral memory deficits often preclude surgery. Epileptic Disorders, 2007, 9, 127-133.	1.3	7
58	Experience with â€œFast trackâ€•postoperative care after deep brain stimulation surgery. Neurocirugia, 2016, 27, 263-268.	0.4	6
59	Hypothalamic hamartomas in adulthood: Clinical spectrum and treatment outcomeâ€”A unicenter experience. Brain and Behavior, 2019, 9, e01412.	2.2	6
60	Are patients referred for presurgical evaluation drug resistant according to the new consensus definition? A study in a tertiary center. Epilepsy Research, 2012, 98, 277-280.	1.6	4
61	Single-Center Complication Analysis Associated with Surgical Replacement of Implantable Pulse Generators in Deep Brain Stimulation. Stereotactic and Functional Neurosurgery, 2019, 97, 101-105.	1.5	4
62	Malignant Glioma Developed on a Patient Under Deep Brain Stimulation: Pitfalls in Management. World Neurosurgery, 2019, 129, 85-89.	1.3	3
63	How to inject ictal SPECT? From manual to automated injection. Epilepsy Research, 2021, 175, 106691.	1.6	3
64	Typical asymmetry in the hemispheric activation during an fMRI verbal comprehension paradigm is related to better performance in verbal and non-verbal tasks in patients with epilepsy. NeuroImage: Clinical, 2018, 20, 742-752.	2.7	2
65	Unilateral pallidal stimulation for disabling dystonia due to Rasmussenâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 108-110.	1.9	2
66	Delayed hemorrhage after pediatric stereo-electroencephalography: delayed occurrence or delayed diagnosis?. Child's Nervous System, 2021, 37, 3817-3826.	1.1	2
67	Psychotic symptoms in drug resistant epilepsy patients after cortical stimulation. Epilepsy Research, 2021, 173, 106630.	1.6	2
68	Personality changes in patients suffering from drug-resistant epilepsy after surgical treatment: a 1-year follow-up study. Epilepsy Research, 2021, 177, 106784.	1.6	2
69	Deep brain stimulation as a palliative treatment for myorhythmia: A case of failure. European Journal of Neurology, 2022, 29, 937-941.	3.3	2
70	Jugular Bulb Oxygen-Desaturation Episodes During Functional Cerebral Hemispherotomies. Anesthesia and Analgesia, 2006, 103, 1332-1333.	2.2	0
71	ENDOSCOPIC ANATOMY OF THE TRANSCALLOSAL HEMISPHEROTOMY: LABORATORY STUDY WITH ADVANCED 3D MODELING. World Neurosurgery, 2022, , .	1.3	0