

Leonides Canuet

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,808
citations

279701

23
h-index

276775

41
g-index

60
all docs

60
docs citations

60
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	Normalized Power Variance: A new Field Orthogonal to Power in EEG Analysis. <i>Clinical EEG and Neuroscience</i> , 2023, 54, 611-619.	0.9	2
2	Directional DBS of the Fornix in Alzheimer's Disease Achieves Long-Term Benefits: A Case Report. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 809972.	1.7	3
3	Normalized power variance of eLORETA at high-convexity area predicts shunt response in idiopathic normal pressure hydrocephalus. <i>Scientific Reports</i> , 2020, 10, 13054.	1.6	3
4	Short-term meditation modulates EEG activity in subjects with post-traumatic residual disabilities. <i>Clinical Neurophysiology Practice</i> , 2019, 4, 30-36.	0.6	9
5	EEG Resting-State Networks Responsible for Gait Disturbance Features in Idiopathic Normal Pressure Hydrocephalus. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 210-218.	0.9	10
6	EEG Resting-State Networks in Dementia with Lewy Bodies Associated with Clinical Symptoms. <i>Neuropsychobiology</i> , 2019, 77, 206-218.	0.9	16
7	Automated Source Estimation of Scalp EEG Epileptic Activity Using eLORETA Kurtosis Analysis. <i>Neuropsychobiology</i> , 2019, 77, 101-109.	0.9	6
8	Alpha event-related synchronization after eye closing differs in Alzheimer's disease and dementia with Lewy bodies: a magnetoencephalography study. <i>Psychogeriatrics</i> , 2018, 18, 202-208.	0.6	1
9	A Neuro-Inspired System for Online Learning and Recognition of Parallel Spike Trains, Based on Spike Latency, and Heterosynaptic STDP. <i>Frontiers in Neuroscience</i> , 2018, 12, 780.	1.4	14
10	MEG revealed new functional hub of atypical brain network in autism spectrum disorders. <i>Clinical Neurophysiology</i> , 2018, 129, 2022-2023.	0.7	2
11	Editorial: New Insights on Basic and Clinical Aspects of EEG and MEG Connectome. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 232.	1.0	4
12	Cerebrospinal Fluid Biomarkers of Alzheimer's Disease Correlate With Electroencephalography Parameters Assessed by Exact Low-Resolution Electromagnetic Tomography (eLORETA). <i>Clinical EEG and Neuroscience</i> , 2017, 48, 338-347.	0.9	11
13	Healthy and Pathological Brain Aging: From the Perspective of Oscillations, Functional Connectivity, and Signal Complexity. <i>Neuropsychobiology</i> , 2017, 75, 151-161.	0.9	126
14	Source estimation of epileptic activity using eLORETA kurtosis analysis. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-222123.	0.2	6
15	Cortical activation patterns in healthy subjects during the traditional Japanese word generation task Shiritori determined by multichannel near-infrared spectroscopy. <i>Neuropsychiatric Electrophysiology</i> , 2016, 2, .	4.1	0
16	The Role of Functional Networks in Neuropsychiatric Disorders. , 2016, , 123-147.		0
17	Functional connectivity assessed by resting state EEG correlates with cognitive decline of Alzheimer's disease " An eLORETA study. <i>Clinical Neurophysiology</i> , 2016, 127, 1269-1278.	0.7	163
18	Association of cerebrospinal fluid tap-related oscillatory activity and shunt outcome in idiopathic normal-pressure hydrocephalus. <i>Psychogeriatrics</i> , 2015, 15, 191-197.	0.6	3

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19	Detection of EEG-resting state independent networks by eLORETA-ICA method. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 31.	1.0	81
20	Noninvasive prediction of shunt operation outcome in idiopathic normal pressure hydrocephalus. <i>Scientific Reports</i> , 2015, 5, 7775.	1.6	11
21	Implied functional crossed cerebello-cerebral diaschisis and interhemispheric compensation during hand grasping more than 20 years after unilateral cerebellar injury in early childhood. <i>Cerebellum and Ataxias</i> , 2015, 2, 15.	1.9	3
22	Network Disruption and Cerebrospinal Fluid Amyloid-Beta and Phospho-Tau Levels in Mild Cognitive Impairment. <i>Journal of Neuroscience</i> , 2015, 35, 10325-10330.	1.7	77
23	Emotion Regulation of Neuroticism: Emotional Information Processing Related to Psychosomatic State Evaluated by Electroencephalography and Exact Low-Resolution Brain Electromagnetic Tomography. <i>Neuropsychobiology</i> , 2015, 71, 34-41.	0.9	25
24	Predictive factors of occupational noise-induced hearing loss in Spanish workers: A prospective study. <i>Noise and Health</i> , 2015, 17, 343.	0.4	27
25	Frontal midline theta rhythm and gamma power changes during focused attention on mental calculation: an MEG beamformer analysis. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 406.	1.0	98
26	The Default Mode Network is functionally and structurally disrupted in amnesic mild cognitive impairment – A bimodal MEG-DTI study. <i>NeuroImage: Clinical</i> , 2014, 6, 214-221.	1.4	58
27	Global complexity and cognitive reserve in MCI. <i>Clinical Neurophysiology</i> , 2014, 125, 653-654.	0.7	0
28	EEG biomarkers of NeuroAIDS. <i>Clinical Neurophysiology</i> , 2014, 125, 1075-1076.	0.7	3
29	Frequency diversity of posterior oscillatory activity in human revealed by spatial filtered MEG. <i>Journal of Integrative Neuroscience</i> , 2013, 12, 343-353.	0.8	2
30	EEG connectome: A new candidate for endophenotypes. <i>Clinical Neurophysiology</i> , 2013, 124, 2289-2290.	0.7	2
31	Normalized power variance change between pre-ictal and ictal phase of an epilepsy patient using NAT analysis: A case study. , 2013, 2013, 437-40.		10
32	EEG and Neuronal Activity Topography analysis can predict effectiveness of shunt operation in idiopathic normal pressure hydrocephalus patients. <i>NeuroImage: Clinical</i> , 2013, 3, 522-530.	1.4	13
33	Non-parametric permutation thresholding for adaptive nonlinear beamformer analysis on MEG revealed oscillatory neuronal dynamics in human brain. , 2013, 2013, 4807-10.		4
34	Relationship of prepulse inhibition to temperament and character in healthy Japanese subjects. <i>Neuroscience Research</i> , 2012, 72, 187-193.	1.0	6
35	Heartbeat evoked potentials: A new possible clinical biomarker for depression based on the somatic marker hypothesis. <i>Clinical Neurophysiology</i> , 2012, 123, 1899-1900.	0.7	3
36	Induced oscillatory responses during the Sternberg's visual memory task in patients with Alzheimer's disease and mild cognitive impairment. <i>NeuroImage</i> , 2012, 59, 4132-4140.	2.1	46

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37	Resting-State Network Disruption and APOE Genotype in Alzheimer's Disease: A lagged Functional Connectivity Study. PLoS ONE, 2012, 7, e46289.	1.1	124
38	Decreased alpha event-related synchronization in the left posterior temporal cortex in schizophrenia: A magnetoencephalography-beamformer study. Neuroscience Research, 2011, 71, 235-243.	1.0	24
39	Psychopathology and working memory-induced activation of the prefrontal cortex in schizophrenia-like psychosis of epilepsy: Evidence from magnetoencephalography. Psychiatry and Clinical Neurosciences, 2011, 65, 183-190.	1.0	17
40	Caffeine Modulates Tau Phosphorylation and Affects Akt Signaling in Postmitotic Neurons. Journal of Molecular Neuroscience, 2011, 43, 326-332.	1.1	9
41	Resting-State EEG Source Localization and Functional Connectivity in Schizophrenia-Like Psychosis of Epilepsy. PLoS ONE, 2011, 6, e27863.	1.1	161
42	Relationship between prepulse inhibition of acoustic startle response and schizotypy in healthy Japanese subjects. Psychophysiology, 2010, 47, 831-7.	1.2	9
43	Frontal shift of posterior alpha activity is correlated with cognitive impairment in early Alzheimer's disease: A magnetoencephalography-beamformer study. Psychogeriatrics, 2010, 10, 138-143.	0.6	26
44	Discriminant analysis in schizophrenia and healthy subjects using prefrontal activation during frontal lobe tasks: A near-infrared spectroscopy. Schizophrenia Research, 2010, 117, 52-60.	1.1	41
45	Post-movement beta rebound abnormality as indicator of mirror neuron system dysfunction in autistic spectrum disorder: An MEG study. Neuroscience Letters, 2010, 478, 141-145.	1.0	56
46	Frontal cortex activation associated with speeded processing of visuospatial working memory revealed by multichannel near-infrared spectroscopy during Advanced Trail Making Test performance. Behavioural Brain Research, 2010, 215, 21-27.	1.2	36
47	Working memory abnormalities in chronic interictal epileptic psychosis and schizophrenia revealed by magnetoencephalography. Epilepsy and Behavior, 2010, 17, 109-119.	0.9	20
48	Factors associated with impaired quality of life in younger and older adults with epilepsy. Epilepsy Research, 2009, 83, 58-65.	0.8	82
49	Cortical oscillatory power changes during auditory oddball task revealed by spatially filtered magnetoencephalography. Clinical Neurophysiology, 2009, 120, 497-504.	0.7	64
50	Impaired regional hemodynamic response in schizophrenia during multiple prefrontal activation tasks: A two-channel near-infrared spectroscopy study. Schizophrenia Research, 2009, 108, 93-103.	1.1	49
51	Spatially filtered magnetoencephalography compared with electrocorticography to identify intrinsically epileptogenic focal cortical dysplasia. Epilepsy Research, 2008, 81, 228-232.	0.8	36
52	Efficacy of risperidone in the treatment of delirium in elderly patients. Psychogeriatrics, 2008, 8, 62-65.	0.6	4
53	Severity of depressive symptoms as predictor of impairment of quality of life in chronic migraine: Comparison with episodic migraine. Psychiatry and Clinical Neurosciences, 2008, 62, 738-740.	1.0	13
54	Tuberous sclerosis: Localizing the epileptogenic tuber with synthetic aperture magnetometry with excess kurtosis analysis. Journal of Clinical Neuroscience, 2008, 15, 1296-1298.	0.8	18

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55	Event-related synchronization of alpha activity in early Alzheimer's disease and mild cognitive impairment: An MEG study combining beamformer and group comparison. <i>Neuroscience Letters</i> , 2008, 443, 86-89.	1.0	34
56	Impaired prepulse inhibition and habituation of acoustic startle response in Japanese patients with schizophrenia. <i>Neuroscience Research</i> , 2008, 62, 187-194.	1.0	52
57	Cephalic auras of supplementary motor area origin: An ictal MEG and SAM(g2) study. <i>Epilepsy and Behavior</i> , 2008, 13, 570-574.	0.9	23
58	Frontal Activity during the Digit Symbol Substitution Test Determined by Multichannel Near-Infrared Spectroscopy. <i>Neuropsychobiology</i> , 2008, 57, 151-158.	0.9	39
59	Slow repetitive transcranial magnetic stimulation changes oscillatory magnetoencephalographic activity in two patients with thalamic pain. <i>International Congress Series</i> , 2007, 1300, 295-298.	0.2	0
60	Right parietal activation during delusional state in episodic interictal psychosis of epilepsy: A report of two cases. <i>Epilepsy and Behavior</i> , 2006, 9, 367-372.	0.9	23