

Davide V Moretti

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,819
citations

147566

31
h-index

128067

60
g-index

72
all docs

72
docs citations

72
times ranked

3904
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual analysis of EEG frequency and band power in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2004, 115, 299-308.	0.7	311
2	Sources of cortical rhythms change as a function of cognitive impairment in pathological aging: a multicenter study. <i>Clinical Neurophysiology</i> , 2006, 117, 252-268.	0.7	260
3	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>NeuroImage</i> , 2004, 22, 57-67.	2.1	253
4	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , 2018, 14, 280-292.	0.4	246
5	Computerized processing of EEG-EMG artifacts for multi-centric studies in EEG oscillations and event-related potentials. <i>International Journal of Psychophysiology</i> , 2003, 47, 199-216.	0.5	238
6	Human Cortical Electroencephalography (EEG) Rhythms during the Observation of Simple Aimless Movements: A High-Resolution EEG Study. <i>NeuroImage</i> , 2002, 17, 559-572.	2.1	198
7	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. <i>Neurobiology of Aging</i> , 2020, 85, 58-73.	1.5	150
8	The Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , 2017, 13, 624-633.	0.4	143
9	Abnormal fronto-parietal coupling of brain rhythms in mild Alzheimer's disease: a multicentric EEG study. <i>European Journal of Neuroscience</i> , 2004, 19, 2583-2590.	1.2	137
10	Progranulin Leu271LeufsX10 is one of the most common FTLN and CBS associated mutations worldwide. <i>Neurobiology of Disease</i> , 2009, 33, 379-385.	2.1	107
11	MCI patients' EEGs show group differences between those who progress and those who do not progress to AD. <i>Neurobiology of Aging</i> , 2011, 32, 563-571.	1.5	98
12	Donepezil effects on sources of cortical rhythms in mild Alzheimer's disease: Responders vs. Non-Responders. <i>NeuroImage</i> , 2006, 31, 1650-1665.	2.1	97
13	Increase of theta/gamma ratio is associated with memory impairment. <i>Clinical Neurophysiology</i> , 2009, 120, 295-303.	0.7	87
14	Hippocampal atrophy and EEG markers in subjects with mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2007, 118, 2716-2729.	0.7	78
15	Human cortical electroencephalography (EEG) rhythms during the observation of simple aimless movements: a high-resolution EEG study. <i>NeuroImage</i> , 2002, 17, 559-72.	2.1	74
16	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. <i>NeuroImage</i> , 2004, 21, 1576-1584.	2.1	66
17	Vascular damage and EEG markers in subjects with mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2007, 118, 1866-1876.	0.7	66
18	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. <i>Alzheimer's and Dementia</i> , 2021, 17, 1528-1553.	0.4	64

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19	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. <i>Clinical Neurophysiology</i> , 2004, 115, 161-170.	0.7	60
20	Cerebrovascular Disease and Hippocampal Atrophy Are Differently Linked to Functional Coupling of Brain Areas: An EEG Coherence Study in MCI Subjects. <i>Journal of Alzheimer's Disease</i> , 2008, 14, 285-299.	1.2	57
21	Increase of Theta/Gamma and Alpha3/Alpha2 Ratio is Associated with Amygdalo-Hippocampal Complex Atrophy. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 349-357.	1.2	56
22	Human cortical rhythms during visual delayed choice reaction time tasks. <i>Behavioural Brain Research</i> , 2004, 153, 261-271.	1.2	52
23	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. <i>Alzheimer's and Dementia</i> , 2013, 9, 677-686.	0.4	51
24	EEG markers are associated to gray matter changes in thalamus and basal ganglia in subjects with mild cognitive impairment. <i>NeuroImage</i> , 2012, 60, 489-496.	2.1	48
25	Specific EEG Changes Associated with Atrophy of Hippocampus in Subjects with Mild Cognitive Impairment and Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-8.	1.1	46
26	Theta and alpha EEG frequency interplay in subjects with mild cognitive impairment: evidence from EEG, MRI, and SPECT brain modifications. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 31.	1.7	46
27	Brain Vascular Damage of Cholinergic Pathways and EEG Markers in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2008, 15, 357-372.	1.2	44
28	Quantitative EEG Markers in Mild Cognitive Impairment: Degenerative versus Vascular Brain Impairment. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-12.	1.1	44
29	EEG upper/low alpha frequency power ratio relates to temporo-parietal brain atrophy and memory performances in mild cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 63.	1.7	44
30	Alpha rhythms in mild demented during visual delayed choice reaction time tasks: A MEG study. <i>Brain Research Bulletin</i> , 2005, 65, 457-470.	1.4	35
31	EEG Markers Discriminate Among Different Subgroup of Patients With Mild Cognitive Impairment. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2010, 25, 58-73.	0.9	35
32	Two-Year Longitudinal Monitoring of Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease Using Topographical Biomarkers Derived from Functional Magnetic Resonance Imaging and Electroencephalographic Activity. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 15-35.	1.2	34
33	Anatomical Substrate and Scalp EEG Markers are Correlated in Subjects with Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Psychiatry</i> , 2011, 1, 152.	1.3	33
34	Volumetric Differences in Mapped Hippocampal Regions Correlate with Increase of High Alpha Rhythm in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-7.	1.1	30
35	Chronic bilateral electrical stimulation of the subthalamic nucleus for the treatment of advanced Parkinson's disease. <i>Neurological Sciences</i> , 2001, 22, 57-58.	0.9	27
36	Increase of theta frequency is associated with reduction in regional cerebral blood flow only in subjects with mild cognitive impairment with higher upper alpha/low alpha EEG frequency power ratio. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 188.	1.0	24

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37	Increasing Hippocampal Atrophy and Cerebrovascular Damage Is Differently Associated With Functional Cortical Coupling in MCI Patients. <i>Alzheimer Disease and Associated Disorders</i> , 2009, 23, 323-332.	0.6	23
38	Incremental value of amyloid-PET versus CSF in the diagnosis of Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 270-280.	3.3	23
39	Cortical Networks Generating Movement-Related EEG Rhythms in Alzheimer's Disease: An EEG Coherence Study. <i>Behavioral Neuroscience</i> , 2004, 118, 698-706.	0.6	22
40	Conversion of mild cognitive impairment patients in Alzheimer's disease: prognostic value of Alpha3/Alpha2 electroencephalographic rhythms power ratio. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 80.	3.0	22
41	Available and future treatments for atypical parkinsonism. A systematic review. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 159-174.	1.9	22
42	Analysis of Grey Matter in Thalamus and Basal Ganglia Based on EEG δ Frequency Ratio Reveals Specific Changes in Subjects with Mild Cognitive Impairment. <i>ASN Neuro</i> , 2012, 4, AN20120058.	1.5	21
43	Synchronization of gamma oscillations increases functional connectivity of human hippocampus and inferior-middle temporal cortex during repetitive visuomotor events. <i>European Journal of Neuroscience</i> , 2004, 19, 3088-3098.	1.2	19
44	Predictors of comprehensive stimulation program efficacy in patients with cognitive impairment. Clinical practice recommendations. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 26-33.	1.3	19
45	Electroencephalographic Upper/Low Alpha Frequency Power Ratio Relates to Cortex Thinning in Mild Cognitive Impairment. <i>Neurodegenerative Diseases</i> , 2014, 14, 18-30.	0.8	17
46	Transient human cortical responses during the observation of simple finger movements: A high-resolution EEG study. <i>Human Brain Mapping</i> , 2003, 20, 148-157.	1.9	16
47	Cerebral PET glucose hypometabolism in subjects with mild cognitive impairment and higher EEG high-alpha/low-alpha frequency power ratio. <i>Neurobiology of Aging</i> , 2017, 58, 213-224.	1.5	15
48	Anterior EEG slowing in dementia with Lewy bodies: a multicenter European cohort study. <i>Neurobiology of Aging</i> , 2020, 93, 55-60.	1.5	14
49	Association of EEG, MRI, and regional blood flow biomarkers is predictive of prodromal Alzheimer's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2779.	1.0	13
50	Electroencephalography-driven approach to prodromal Alzheimer's disease diagnosis: from biomarker integration to network-level comprehension. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 897-912.	1.3	13
51	Rotigotine is safe and efficacious in Atypical Parkinsonism Syndromes induced by both a-synucleinopathy and tauopathy. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1003.	1.0	12
52	Behavioral and Neurophysiological Effects of Transdermal Rotigotine in Atypical Parkinsonism. <i>Frontiers in Neurology</i> , 2014, 5, 85.	1.1	12
53	Electroencephalography reveals lower regional blood perfusion and atrophy of the temporoparietal network associated with memory deficits and hippocampal volume reduction in mild cognitive impairment due to Alzheimer's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 461.	1.0	10
54	Mild Cognitive Impairment: Structural, Metabolical, and Neurophysiological Evidence of a Novel EEG Biomarker. <i>Frontiers in Neurology</i> , 2015, 6, 152.	1.1	10

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55	Involvement of mirror neuron system in prodromal Alzheimer's disease. <i>BBA Clinical</i> , 2016, 5, 46-53.	4.1	9
56	Comparison of the effects of transdermal and oral rivastigmine on cognitive function and EEG markers in patients with Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 179.	1.7	8
57	Non-ergot dopamine agonist rotigotine as a promising therapeutic tool in atypical parkinsonism syndromes: A 24 months pilot observational open-label study. <i>Neuropharmacology</i> , 2014, 85, 284-289.	2.0	8
58	Progranulin Mutations Affects Brain Oscillatory Activity in Fronto-Temporal Dementia. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 35.	1.7	8
59	Understanding early dementia: EEG, MRI, SPECT and memory evaluation. <i>Translational Neuroscience</i> , 2015, 6, 32-46.	0.7	7
60	EEG Upper/Low Alpha Frequency Power Ratio and the Impulsive Disorders Network in Subjects with Mild Cognitive Impairment.. <i>Current Alzheimer Research</i> , 2014, 11, 192-199.	0.7	7
61	Shall I Move My Right or My Left Hand?. <i>Journal of Psychophysiology</i> , 2003, 17, 69-86.	0.3	6
62	Cortical network modularity changes along the course of frontotemporal and Alzheimer's dementing diseases. <i>Neurobiology of Aging</i> , 2022, 110, 37-46.	1.5	5
63	Increase of EEG Alpha3/Alpha2 Power Ratio Detects Inferior Parietal Lobule Atrophy in Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2018, 15, 443-451.	0.7	4
64	Cortical alpha rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>International Congress Series</i> , 2004, 1270, 44-49.	0.2	3
65	Chapter 55 High resolution EEG of sensorimotor brain functions: mapping ERPs or mu ERD?. <i>Supplements To Clinical Neurophysiology</i> , 2002, 54, 365-371.	2.1	2
66	Chapter 42 Quantitative EEG: modeling time, space, and phase of brain oscillatory activity. <i>Supplements To Clinical Neurophysiology</i> , 2002, , 284-288.	2.1	2
67	Are there treatments for atypical parkinsonism? An update on actual options. <i>Reviews in the Neurosciences</i> , 2015, 26, 547-553.	1.4	2
68	Editorial: Neurophysiology in Alzheimer's Disease and Dementia. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 153.	1.7	2
69	Alpha rhythm oscillations and MMSE scores are differently modified by transdermal or oral rivastigmine in patients with Alzheimer's disease. <i>American Journal of Neurodegenerative Disease</i> , 2014, 3, 72-83.	0.1	1
70	Possible Treatments of Atypical Parkinsonism. , 2016, , .		0
71	P.0741 Effect of a probiotic administration on inflammatory profile and clinical features in patients with Alzheimer's disease. <i>European Neuropsychopharmacology</i> , 2021, 53, S541.	0.3	0