

Matteo De Marco

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,085
citations

471509

17
h-index

477307

29
g-index

64
all docs

64
docs citations

64
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterising Alzheimer's Disease With EEG-Based Energy Landscape Analysis. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 992-1000.	6.3	16
2	The impact of social isolation due to the COVID-19 pandemic on patients with dementia and caregivers. Acta Neuropsychiatrica, 2022, 34, 276-281.	2.1	3
3	Regional Strength of Large-Scale Functional Brain Networks is Associated with Regional Volumes in Older Adults and in Alzheimer's Disease. Brain Connectivity, 2021, 11, 201-212.	1.7	8
4	Obesity and Brain Vulnerability in Normal and Abnormal Aging: A Multimodal MRI Study. Journal of Alzheimer's Disease Reports, 2021, 5, 65-77.	2.2	11
5	Mitochondrial Dysfunction in Alzheimer's Disease: A Biomarker of the Future?. Biomedicines, 2021, 9, 63.	3.2	62
6	Functional Neural Architecture Supporting Highly Superior Autobiographical Memory. Brain Connectivity, 2021, 11, 297-307.	1.7	1
7	Modulatory effects of cognitive exertion on regional functional connectivity of the salience network in women with ME/CFS: A pilot study. Journal of the Neurological Sciences, 2021, 422, 117326.	0.6	10
8	Functional Brain Connectivity Patterns Associated with Visual Hallucinations in Dementia with Lewy Bodies. Journal of Alzheimer's Disease Reports, 2021, 5, 311-320.	2.2	2
9	Using interictal seizure-free EEG data to recognise patients with epilepsy based on machine learning of brain functional connectivity. Biomedical Signal Processing and Control, 2021, 67, 102554.	5.7	18
10	Cerebrovascular Pathology and Responsiveness to Treatment in Alzheimer's Disease: A Systematic Review. Current Alzheimer Research, 2021, 18, 103-124.	1.4	1
11	Heterogeneity in Regional Damage Detected by Neuroimaging and Neuropathological Studies in Older Adults With COVID-19: A Cognitive-Neuroscience Systematic Review to Inform the Long-Term Impact of the Virus on Neurocognitive Trajectories. Frontiers in Aging Neuroscience, 2021, 13, 646908.	3.4	50
12	A Graph Theory Approach to Clarifying Aging and Disease Related Changes in Cognitive Networks. Frontiers in Aging Neuroscience, 2021, 13, 676618.	3.4	13
13	Serial Recall Order and Semantic Features of Category Fluency Words to Study Semantic Memory in Normal Ageing. Frontiers in Aging Neuroscience, 2021, 13, 678588.	3.4	8
14	Targeting mechanisms in cognitive training for neurodegenerative diseases. Neural Regeneration Research, 2021, 16, 500.	3.0	2
15	White-Matter Hyperintensity Load and Differences in Resting-State Network Connectivity Based on Mild Cognitive Impairment Subtype. Frontiers in Aging Neuroscience, 2021, 13, 737359.	3.4	10
16	Large-Scale Functional Networks, Cognition and Brain Structures Supporting Social Cognition and Theory of Mind Performance in Prodromal to Mild Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 766703.	3.4	7
17	Serial Recall Order of Category Fluency Words: Exploring Its Neural Underpinnings. Frontiers in Psychology, 2021, 12, 777838.	2.1	2
18	Altered Interplay Among Large-Scale Brain Functional Networks Modulates Multi-Domain Anosognosia in Early Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 781465.	3.4	8

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19	The interactive effect of MCI subtype and white matter hyperintensity load on the expression of large-scale neurofunctional networks. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
20	Imaging of Nonlinear and Dynamic Functional Brain Connectivity Based on EEG Recordings With the Application on the Diagnosis of Alzheimer's Disease. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 1571-1581.	8.9	22
21	The Impact of COVID-19 Infection and Enforced Prolonged Social Isolation on Neuropsychiatric Symptoms in Older Adults With and Without Dementia: A Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 585540.	2.6	147
22	Reduced monoaminergic nuclei MRI signal detectable in pre-symptomatic older adults with future memory decline. <i>Scientific Reports</i> , 2020, 10, 18707.	3.3	15
23	The association between polygenic hazard scores and clinical markers of Alzheimer's disease following stratification for APOE genotype. <i>Alzheimer's and Dementia</i> , 2020, 16, e045819.	0.8	0
24	Deficits in Mitochondrial Spare Respiratory Capacity Contribute to the Neuropsychological Changes of Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 32.	2.5	20
25	Neuroanatomical and cognitive correlates of domain-specific anosognosia in early Alzheimer's disease. <i>Cortex</i> , 2020, 129, 236-246.	2.4	18
26	Right fronto-parietal white matter disruption contributes to speech impairments in amyotrophic lateral sclerosis. <i>Brain Research Bulletin</i> , 2020, 158, 77-83.	3.0	0
27	The Association between Polygenic Hazard and Markers of Alzheimer's Disease Following Stratification for APOE Genotype. <i>Current Alzheimer Research</i> , 2020, 17, 667-679.	1.4	2
28	The Association Between Distinct Frontal Brain Volumes and Behavioral Symptoms in Mild Cognitive Impairment, Alzheimer's Disease, and Frontotemporal Dementia. <i>Frontiers in Neurology</i> , 2019, 10, 1059.	2.4	37
29	Left Amygdala and Putamen Activation Modulate Emotion Driven Decisions in the Iterated Prisoner's Dilemma Game. <i>Frontiers in Neuroscience</i> , 2019, 13, 741.	2.8	12
30	Age and hippocampal volume predict distinct parts of default mode network activity. <i>Scientific Reports</i> , 2019, 9, 16075.	3.3	10
31	The Modulatory Effect of Cerebrovascular Burden in Response to Cognitive Stimulation in Healthy Ageing and Mild Cognitive Impairment. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	2.2	4
32	Understanding the effect of cognitive/brain reserve and depression on regional atrophy in early Alzheimer's disease. <i>Postgraduate Medicine</i> , 2019, 131, 533-538.	2.0	11
33	Altered frontal and insular functional connectivity as pivotal mechanisms for apathy in Alzheimer's disease. <i>Cortex</i> , 2019, 119, 100-110.	2.4	27
34	Brain activation in highly superior autobiographical memory: The role of the precuneus in the autobiographical memory retrieval network. <i>Cortex</i> , 2019, 120, 588-602.	2.4	30
35	A Dementia Classification Framework Using Frequency and Time-Frequency Features Based on EEG Signals. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 826-835.	4.9	76
36	A study of within-subject reliability of the brain's default-mode network. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 391-405.	2.0	10

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37	Beyond episodic memory: Semantic processing as independent predictor of hippocampal/perirhinal volume in aging and mild cognitive impairment due to Alzheimer's disease.. <i>Neuropsychology</i> , 2019, 33, 523-533.	1.3	18
38	Volume and Connectivity of the Ventral Tegmental Area are Linked to Neurocognitive Signatures of Alzheimer's Disease in Humans. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 167-180.	2.6	75
39	O3â€2â€06: THE EFFECT OF BRAIN AND COGNITIVE RESERVE ON DECLARATIVE MEMORY: ARE WE NOT FORGETTING THEIR INTERACTIVE EFFECT?. <i>Alzheimer's and Dementia</i> , 2018, 14, P1053.	0.8	0
40	P1â€457: DIFFERENT FUNCTIONAL CONNECTIVITY AND CEREBRAL BLOOD FLOW PATTERNS SUPPORT COGNITIVE PERFORMANCE IN EARLY ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P493.	0.8	0
41	A Pilot Study Investigating a Novel Non-Linear Measure of Eyes Open versus Eyes Closed EEG Synchronization in People with Alzheimer's Disease and Healthy Controls. <i>Brain Sciences</i> , 2018, 8, 134.	2.3	29
42	Up-regulation of DMN Connectivity in Mild Cognitive Impairment Via Network-based Cognitive Training. <i>Current Alzheimer Research</i> , 2018, 15, 578-589.	1.4	22
43	Diagnostic and prognostic role of semantic processing in preclinical Alzheimer's disease. <i>Biomarkers in Medicine</i> , 2018, 12, 637-651.	1.4	32
44	Motion artifacts in standard clinical setting obscure disease-specific differences in quantitative susceptibility mapping. <i>Physics in Medicine and Biology</i> , 2018, 63, 14NT01.	3.0	9
45	Brain Morphometry: Alzheimer's Disease. <i>Neuroinformatics</i> , 2018, , 217-240.	0.3	1
46	Cognitive Efficiency in Alzheimer's Disease is Associated with Increased Occipital Connectivity. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 541-556.	2.6	15
47	Machine-learning Support to Individual Diagnosis of Mild Cognitive Impairment Using Multimodal MRI and Cognitive Assessments. <i>Alzheimer Disease and Associated Disorders</i> , 2017, 31, 278-286.	1.3	22
48	[P4â€516]: THE VOLUME OF THE HUMAN VENTRAL TEGMENTAL AREA AS A POTENTIAL PRECLINICAL BIOMARKER OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1541.	0.8	0
49	The network substrate of confabulatory tendencies in Alzheimer's disease. <i>Cortex</i> , 2017, 87, 69-79.	2.4	7
50	[P3â€353]: AGEING, NOT ALZHEIMER'S DISEASE, INFLUENCES TASKâ€POSITIVE BRAIN NETWORKS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1091.	0.8	0
51	White Matter Hyperintensity Load Modulates Brain Morphometry and Brain Connectivity in Healthy Adults: A Neuroplastic Mechanism?. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	2.2	26
52	ApoE Î¼4 Allele Related Alterations in Hippocampal Connectivity in Early Alzheimer's Disease Support Memory Performance. <i>Current Alzheimer Research</i> , 2017, 14, 766-777.	1.4	10
53	P3â€231: Separating the Concurrent Effects of Ageing and Alzheimer's Disease in the Dysregulation of Defaultâ€Mode Network Connectivity. <i>Alzheimer's and Dementia</i> , 2016, 12, P914.	0.8	0
54	QEEG CAN DISTINGUISH PATIENTS WITH AD AND VOLUNTEERS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, e1.192-e1.	1.9	2

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55	Cognitive stimulation of the default-mode network modulates functional connectivity in healthy aging. <i>Brain Research Bulletin</i> , 2016, 121, 26-41.	3.0	27
56	Paradigm shift: semantic memory decline as a biomarker of preclinical Alzheimer's disease. <i>Biomarkers in Medicine</i> , 2016, 10, 5-8.	1.4	26
57	Brief Report: Two Day-Date Processing Methods in an Autistic Savant Calendar Calculator. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 1096-1102.	2.7	4
58	â€œOâ€™ blood type is associated with larger grey-matter volumes in the cerebellum. <i>Brain Research Bulletin</i> , 2015, 116, 1-6.	3.0	13
59	Anatomical substrates and neurocognitive predictors of daily numerical abilities in mild cognitive impairment. <i>Cortex</i> , 2015, 71, 58-67.	2.4	28
60	Apolipoprotein E Î¼4 Allele Modulates the Immediate Impact of Acute Exercise on Prefrontal Function. <i>Behavior Genetics</i> , 2015, 45, 106-116.	2.1	12
61	Morphometric correlates of dysarthric deficit in amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015, 16, 464-472.	1.7	13
62	Integration of Cognitive Tests and Resting State fMRI for the Individual Identification of Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2015, 12, 592-603.	1.4	10
63	P2-211: PATTERNS OF HIPPOCAMPUS FUNCTIONAL CONNECTIVITY IN APOE É4 CARRIERS WITH MILD COGNITIVE IMPAIRMENT. , 2014, 10, P550-P550.		0
64	Cognitive Stimulation: The Evidence Base for its Application in Neurodegenerative Disease. <i>Current Alzheimer Research</i> , 2014, 11, 469-483.	1.4	11