Matteo De Marco

List of Publications by Year
in descending order

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	The Impact of COVID-19 Infection and Enforced Prolonged Social Isolation on Neuropsychiatric Symptoms in Older Adults With and Without Dementia: A Review. Frontiers in Psychiatry, 2020, 11, 585540.	2.6	147
2	A Dementia Classification Framework Using Frequency and Time-Frequency Features Based on EEG Signals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 826-835.	4.9	76
3	Volume and Connectivity of the Ventral Tegmental Area are Linked to Neurocognitive Signatures of Alzheimer's Disease in Humans. Journal of Alzheimer's Disease, 2018, 63, 167-180.	2.6	75
4	Mitochondrial Dysfunction in Alzheimer's Disease: A Biomarker of the Future?. Biomedicines, 2021, 9, 63.	3.2	62
5	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
6	The Association Between Distinct Frontal Brain Volumes and Behavioral Symptoms in Mild Cognitive Impairment, Alzheimer's Disease, and Frontotemporal Dementia. Frontiers in Neurology, 2019, 10, 1059.	2.4	37
7	Diagnostic and prognostic role of semantic processing in preclinical Alzheimer's disease. Biomarkers in Medicine, 2018, 12, 637-651.	1.4	32
8	Brain activation in highly superior autobiographical memory: The role of the precuneus in the autobiographical memory retrieval network. Cortex, 2019, 120, 588-602.	2.4	30
9	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. Brain Sciences, 2018, 8, 134.	2.3	29
10	Anatomical substrates and neurocognitive predictors of daily numerical abilities in mild cognitive impairment. Cortex, 2015, 71, 58-67.	2.4	28
11	Cognitive stimulation of the default-mode network modulates functional connectivity in healthy aging. Brain Research Bulletin, 2016, 121, 26-41.	3.0	27
12	Altered frontal and insular functional connectivity as pivotal mechanisms for apathy in Alzheimer's disease. Cortex, 2019, 119, 100-110.	2.4	27
13	Paradigm shift: semantic memory decline as a biomarker of preclinical Alzheimer's disease. Biomarkers in Medicine, 2016, 10, 5-8.	1.4	26
14	White Matter Hyperintensity Load Modulates Brain Morphometry and Brain Connectivity in Healthy Adults: A Neuroplastic Mechanism?. Neural Plasticity, 2017, 2017, 1-10.	2.2	26
15	Machine-learning Support to Individual Diagnosis of Mild Cognitive Impairment Using Multimodal MRI and Cognitive Assessments. Alzheimer Disease and Associated Disorders, 2017, 31, 278-286.	1.3	22
16	Up-regulation of DMN Connectivity in Mild Cognitive Impairment Via Network-based Cognitive Training. Current Alzheimer Research, 2018, 15, 578-589.	1.4	22
17	Imaging of Nonlinear and Dynamic Functional Brain Connectivity Based on EEG Recordings With the Application on the Diagnosis of Alzheimer's Disease. IEEE Transactions on Medical Imaging, 2020, 39, 1571-1581.	8.9	22
18	Deficits in Mitochondrial Spare Respiratory Capacity Contribute to the Neuropsychological Changes of Alzheimer's Disease. Journal of Personalized Medicine, 2020, 10, 32.	2.5	20

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19	Neuroanatomical and cognitive correlates of domain-specific anosognosia in early Alzheimer's disease. Cortex, 2020, 129, 236-246.	2.4	18
20	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
21	Beyond episodic memory: Semantic processing as independent predictor of hippocampal/perirhinal volume in aging and mild cognitive impairment due to Alzheimerâ€™s disease.. Neuropsychology, 2019, 33, 523-533.	1.3	18
22	Characterising Alzheimerâ€™s Disease With EEG-Based Energy Landscape Analysis. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 992-1000.	6.3	16
23	Cognitive Efficiency in Alzheimerâ€™s Disease is Associated with Increased Occipital Connectivity. Journal of Alzheimer's Disease, 2017, 57, 541-556.	2.6	15
24	Reduced monoaminergic nuclei MRI signal detectable in pre-symptomatic older adults with future memory decline. Scientific Reports, 2020, 10, 18707.	3.3	15
25	â€˜Oâ€™ blood type is associated with larger grey-matter volumes in the cerebellum. Brain Research Bulletin, 2015, 116, 1-6.	3.0	13
26	Morphometric correlates of dysarthric deficit in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 464-472.	1.7	13
27	A Graph Theory Approach to Clarifying Aging and Disease Related Changes in Cognitive Networks. Frontiers in Aging Neuroscience, 2021, 13, 676618.	3.4	13
28	Apolipoprotein E Îµ4 Allele Modulates the Immediate Impact of Acute Exercise on Prefrontal Function. Behavior Genetics, 2015, 45, 106-116.	2.1	12
29	Left Amygdala and Putamen Activation Modulate Emotion Driven Decisions in the Iterated Prisonerâ€™s Dilemma Game. Frontiers in Neuroscience, 2019, 13, 741.	2.8	12
30	Understanding the effect of cognitive/brain reserve and depression on regional atrophy in early Alzheimerâ€™s disease. Postgraduate Medicine, 2019, 131, 533-538.	2.0	11
31	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
32	Cognitive Stimulation: The Evidence Base for its Application in Neurodegenerative Disease. Current Alzheimer Research, 2014, 11, 469-483.	1.4	11
33	Age and hippocampal volume predict distinct parts of default mode network activity. Scientific Reports, 2019, 9, 16075.	3.3	10
34	A study of within-subject reliability of the brainâ€™s default-mode network. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 391-405.	2.0	10
35	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
36	Integration of Cognitive Tests and Resting State fMRI for the Individual Identification of Mild Cognitive Impairment. Current Alzheimer Research, 2015, 12, 592-603.	1.4	10

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37	ApoE Îµ4 Allele Related Alterations in Hippocampal Connectivity in Early Alzheimerâ€™s Disease Support Memory Performance. Current Alzheimer Research, 2017, 14, 766-777.	1.4	10
38	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
39	Motion artifacts in standard clinical setting obscure disease-specific differences in quantitative susceptibility mapping. Physics in Medicine and Biology, 2018, 63, 14NT01.	3.0	9
40	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
41	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
42	Altered Interplay Among Large-Scale Brain Functional Networks Modulates Multi-Domain Anosognosia in Early Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2021, 13, 781465.	3.4	8
43	The network substrate of confabulatory tendencies in Alzheimer's disease. Cortex, 2017, 87, 69-79.	2.4	7
44	Large-Scale Functional Networks, Cognition and Brain Structures Supporting Social Cognition and Theory of Mind Performance in Prodromal to Mild Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2021, 13, 766703.	3.4	7
45	Brief Report: Two Day-Date Processing Methods in an Autistic Savant Calendar Calculator. Journal of Autism and Developmental Disorders, 2016, 46, 1096-1102.	2.7	4
46	The Modulatory Effect of Cerebrovascular Burden in Response to Cognitive Stimulation in Healthy Ageing and Mild Cognitive Impairment. Neural Plasticity, 2019, 2019, 1-12.	2.2	4
47	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
48	QEEG CAN DISTINGUISH PATIENTS WITH AD AND VOLUNTEERS. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, e1.192-e1.	1.9	2
49	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
50	Targeting mechanisms in cognitive training for neurodegenerative diseases. Neural Regeneration Research, 2021, 16, 500.	3.0	2
51	The Association between Polygenic Hazard and Markers of Alzheimerâ€™s Disease Following Stratification for APOE Genotype. Current Alzheimer Research, 2020, 17, 667-679.	1.4	2
52	Serial Recall Order of Category Fluency Words: Exploring Its Neural Underpinnings. Frontiers in Psychology, 2021, 12, 777838.	2.1	2
53	Functional Neural Architecture Supporting Highly Superior Autobiographical Memory. Brain Connectivity, 2021, 11, 297-307.	1.7	1
54	Cerebrovascular Pathology and Responsiveness to Treatment in Alzheimerâ€™s Disease: A Systematic Review. Current Alzheimer Research, 2021, 18, 103-124.	1.4	1

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55	Brain Morphometry: Alzheimer's Disease. Neuromethods, 2018, , 217-240.	0.3	1
56	P2-211: PATTERNS OF HIPPOCAMPUS FUNCTIONAL CONNECTIVITY IN APOE É›4 CARRIERS WITH MILD COGNITIVE IMPAIRMENT. , 2014, 10, P550-P550.		0
57	P3â€231: Separating the Concurrent Effects of Ageing and Alzheimer's Disease in the Dysregulation of Defaultâ€Mode Network Connectivity. Alzheimer's and Dementia, 2016, 12, P914.	0.8	0
58	[P4â€"516]: THE VOLUME OF THE HUMAN VENTRAL TEGMENTAL AREA AS A POTENTIAL PRECLINICAL BIOMARKER OF ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P1541.	0.8	0
59	[P3â€"353]: AGEING, NOT ALZHEIMER's DISEASE, INFLUENCES TASKâ€POSITIVE BRAIN NETWORKS. Alzheimer's and Dementia, 2017, 13, P1091.	0.8	0
60	O3â€12â€06: THE EFFECT OF BRAIN AND COGNITIVE RESERVE ON DECLARATIVE MEMORY: ARE WE NOT FORGETTING THEIR INTERACTIVE EFFECT?. Alzheimer's and Dementia, 2018, 14, P1053.	0.8	0
61	P1â€457: DIFFERENT FUNCTIONAL CONNECTIVITY AND CEREBRAL BLOOD FLOW PATTERNS SUPPORT COGNITIVE PERFORMANCE IN EARLY ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P493.	0.8	0
62	The association between polygenic hazard scores and clinical markers of Alzheimer's disease following stratification for APOE genotype. Alzheimer's and Dementia, 2020, 16, e045819.	0.8	0
63	Right fronto-parietal white matter disruption contributes to speech impairments in amyotrophic lateral sclerosis. Brain Research Bulletin, 2020, 158, 77-83.	3.0	0
64	The interactive effect of MCI subtype and whiteâ€matter hyperintensity load on the expression of largeâ€scale neurofunctional networks. Alzheimer's and Dementia, 2021, 17, .	0.8	0