Maria Cotelli

List of Publications by Year
in descending order

126 papers	7,227 citations	66343 42 h-index	64796 79 g-index
130 all docs	130 docs citations	130 times ranked	7808 citing authors

#	Article	IF	Citations
1	Human Brain Networks in Physiological and Pathological Aging: Reproducibility of Electroencephalogram Graph Theoretical Analysis in Cortical Connectivity. Brain Connectivity, 2022, 12, 41-51.	1.7	11
2	Performance prediction in a visuo-motor task: the contribution of EEG analysis. Cognitive Neurodynamics, 2022, 16, 297-308.	4.0	4
3	Methods Used in Brain Connectivity: Focus on Electrophysiological Measures. , 2022, , 155-162.		0
4	Brain network modulation in Alzheimer's and frontotemporal dementia with transcranial electrical stimulation. Neurobiology of Aging, 2022, 111, 24-34.	3.1	16
5	Noninvasive electrical and magnetic brain stimulation (with insights on the effects of cellular) Tj ETQq1 1 0.784314 rgBT /Overlock 10		0
6	Toward noninvasive brain stimulation 2.0 in Alzheimerâ€™s disease. Ageing Research Reviews, 2022, 75, 101555.	10.9	37
7	Brain Connectivity and Graph Theory Analysis in Alzheimerâ€™s and Parkinsonâ€™s Disease: The Contribution of Electrophysiological Techniques. Brain Sciences, 2022, 12, 402.	2.3	18
8	tDCS-Induced Memory Reconsolidation Effects: Analysis of Prominent Predicting Factors. Frontiers in Neuroscience, 2022, 16, 814003.	2.8	4
9	Analysis of complexity in the EEG activity of Parkinsonâ€™s disease patients by means of approximate entropy. GeroScience, 2022, 44, 1599-1607.	4.6	27
10	Neuronavigated Magnetic Stimulation combined with cognitive training for Alzheimerâ€™s patients: an EEG graph study. GeroScience, 2022, 44, 159-172.	4.6	9
11	Increasing Brain Gamma Activity Improves Episodic Memory and Restores Cholinergic Dysfunction in Alzheimer's Disease. Annals of Neurology, 2022, 92, 322-334.	5.3	38
12	Assessing the dependence of the number of EEG channels in the brain networksâ€™ modulations. Brain Research Bulletin, 2021, 167, 33-36.	3.0	9
13	Brain sourcesâ€™ activity in resting state before a visuo-motor task. Journal of Neural Engineering, 2021, 18, 034002.	3.5	4
14	Different types of abstract concepts: evidence from two neurodegenerative patients. Neurocase, 2021, 27, 270-280.	0.6	8
15	Exposure to gamma tACS in Alzheimerâ€™s disease: A randomized, double-blind, sham-controlled, crossover, pilot study. Brain Stimulation, 2021, 14, 531-540.	1.6	67
16	Entropy modulation of electroencephalographic signals in physiological aging. Mechanisms of Ageing and Development, 2021, 196, 111472.	4.6	14
17	Cognitive Tele-Enhancement in Healthy Older Adults and Subjects With Subjective Memory Complaints: A Review. Frontiers in Neurology, 2021, 12, 650553.	2.4	2
18	Language training for oral and written naming impairment in primary progressive aphasia: a review. Translational Neurodegeneration, 2021, 10, 24.	8.0	17

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19	Contribution of Graph Theory Applied to EEG Data Analysis for Alzheimerâ€™s Disease Versus Vascular Dementia Diagnosis. Journal of Alzheimer's Disease, 2021, 82, 871-879.	2.6	12
20	Graph Theory on Brain Cortical Sources in Parkinsonâ€™s Disease: The Analysis of â€˜Small Worldâ€™ Organization from EEG. Sensors, 2021, 21, 7266.	3.8	13
21	Entropy as Measure of Brain Networksâ€™ Complexity in Eyes Open and Closed Conditions. Symmetry, 2021, 13, 2178.	2.2	13
22	Effects of Transcranial Direct Current Stimulation on Episodic Memory in Amnestic Mild Cognitive Impairment: A Pilot Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 1403-1413.	3.9	33
23	Effectiveness of language training and non-invasive brain stimulation on oral and written naming performance in Primary Progressive Aphasia: A meta-analysis and systematic review. Neuroscience and Biobehavioral Reviews, 2020, 108, 498-525.	6.1	63
24	Age at onset reveals different functional connectivity abnormalities in prodromal Alzheimerâ€™s disease. Brain Imaging and Behavior, 2020, 14, 2594-2605.	2.1	17
25	Effectiveness of an Innovative Cognitive Treatment and Telerehabilitation on Subjects With Mild Cognitive Impairment: A Multicenter, Randomized, Active-Controlled Study. Frontiers in Aging Neuroscience, 2020, 12, 585988.	3.4	37
26	Effortful speech with distortion of prosody following SARS-CoV-2 infection. Neurological Sciences, 2020, 41, 3767-3768.	1.9	6
27	Approximate Entropy of Brain Network in the Study of Hemispheric Differences. Entropy, 2020, 22, 1220.	2.2	20
28	Neurophysiological Hallmarks of Neurodegenerative Cognitive Decline: The Study of Brain Connectivity as A Biomarker of Early Dementia. Journal of Personalized Medicine, 2020, 10, 34.	2.5	26
29	Theory of Mind Performance Predicts tDCS-Mediated Effects on the Medial Prefrontal Cortex: A Pilot Study to Investigate the Role of Sex and Age. Brain Sciences, 2020, 10, 257.	2.3	5
30	Classification of Alzheimerâ€™s Disease with Respect to Physiological Aging with Innovative EEG Biomarkers in a Machine Learning Implementation. Journal of Alzheimer's Disease, 2020, 75, 1253-1261.	2.6	29
31	Neuropsychological features in patients with severe mental disorders and risk of violence: A prospective multicenter study in Italy. Psychiatry Research, 2020, 289, 113027.	3.3	3
32	Transcranial stimulation in frontotemporal dementia: A randomized, doubleâ€blind, shamâ€controlled trial. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12033.	3.7	27
33	Human brain networks: a graph theoretical analysis of cortical connectivity normative database from EEG data in healthy elderly subjects. GeroScience, 2020, 42, 575-584.	4.6	28
34	Small World Index in Default Mode Network Predicts Progression from Mild Cognitive Impairment to Dementia. International Journal of Neural Systems, 2020, 30, 2050004.	5.2	40
35	Expanding the role of education in frontotemporal dementia: a functional dynamic connectivity (the) Tj ETQq1 1 0.784314 rgBT /Ove	3.1	11
36	Effects of transcranial electrical stimulation on episodic memory in physiological and pathological ageing. Ageing Research Reviews, 2020, 61, 101065.	10.9	11

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37	Clinical and neurophysiological characteristics of heterozygousNPC1carriers. JIMD Reports, 2019, 49, 80-88.	1.5	9
38	Transcranial direct current stimulation enhances theory of mind in Parkinsonâ€™s disease patients with mild cognitive impairment: a randomized, double-blind, sham-controlled study. Translational Neurodegeneration, 2019, 8, 1.	8.0	59
39	Transcranial direct current stimulation applied after encoding facilitates episodic memory consolidation in older adults. Neurobiology of Learning and Memory, 2019, 163, 107037.	1.9	23
40	Neurobiological and clinical effect of metacognitive interpersonal therapy vs structured clinical model: study protocol for a randomized controlled trial. BMC Psychiatry, 2019, 19, 195.	2.6	4
41	Predicting Alzheimer's disease severity by means of TMSâ€“EEG coregistration. Neurobiology of Aging, 2019, 80, 38-45.	3.1	56
42	Aging, sex and cognitive Theory of Mind: a transcranial direct current stimulation study. Scientific Reports, 2019, 9, 18064.	3.3	18
43	Cognitive telerehabilitation in mild cognitive impairment, Alzheimerâ€™s disease and frontotemporal dementia: A systematic review. Journal of Telemedicine and Telecare, 2019, 25, 67-79.	2.7	71
44	Age-related changes in implicit emotion processing. Aging, Neuropsychology, and Cognition, 2019, 26, 86-104.	1.3	6
45	Emotion regulation in Schizophrenia: A comparison between implicit (EEG and fNIRS) and explicit (valence) measures: Preliminary observations. Asian Journal of Psychiatry, 2018, 34, 12-13.	2.0	3
46	The role of the motor system in action naming in patients with neurodegenerative extrapyramidal syndromes. Cortex, 2018, 100, 191-214.	2.4	15
47	Non-Invasive Brain Stimulation in Dementia: A Complex Network Story. Neurodegenerative Diseases, 2018, 18, 281-301.	1.4	39
48	Transcranial direct current stimulation combined with cognitive training for the treatment of Parkinson Disease: A randomized, placebo-controlled study. Brain Stimulation, 2018, 11, 1251-1262.	1.6	52
49	Enhancing theory of mind in behavioural variant frontotemporal dementia with transcranial direct current stimulation. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 1065-1075.	2.0	18
50	Cerebello-spinal tDCS in ataxia. Neurology, 2018, 91, e1090-e1101.	1.1	78
51	Gender differences in cognitive Theory of Mind revealed by transcranial direct current stimulation on medial prefrontal cortex. Scientific Reports, 2017, 7, 41219.	3.3	94
52	Modulating risky decisionâ€making in Parkinson's disease by transcranial direct current stimulation. European Journal of Neurology, 2017, 24, 751-754.	3.3	13
53	Coordinate-Based Meta-Analysis of the Default Mode and Salience Network for Target Identification in Non-Invasive Brain Stimulation of Alzheimerâ€™s Disease and Behavioral Variant Frontotemporal Dementia Networks. Journal of Alzheimer's Disease, 2017, 57, 825-843.	2.6	37
54	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clinical Neurophysiology, 2017, 128, 56-92.	1.5	1,213

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55	Strengthening of Existing Episodic Memories Through Non-invasive Stimulation of Prefrontal Cortex in Older Adults with Subjective Memory Complaints. Frontiers in Aging Neuroscience, 2017, 9, 401.	3.4	29
56	Reply to letter to the editor â€œtDCS effect on cognitive performance in Parkinson's diseaseâ€•by Biundo et al.. Movement Disorders, 2016, 31, 1253-1255.	3.9	0
57	<scp>M</scp>ild cognitive impairment in Parkinson's disease is improved by transcranial direct current stimulation combined with physical therapy. Movement Disorders, 2016, 31, 715-724.	3.9	119
58	Grey Matter Density Predicts the Improvement of Naming Abilities After tDCS Intervention in Agrammatic Variant of Primary Progressive Aphasia. Brain Topography, 2016, 29, 738-751.	1.8	39
59	The optimal timing of stimulation to induce long-lasting positive effects on episodic memory in physiological aging. Behavioural Brain Research, 2016, 311, 81-86.	2.2	19
60	Oxytocin to modulate emotional processing in schizophrenia: A randomized, double-blind, cross-over clinical trial. European Neuropsychopharmacology, 2016, 26, 1619-1628.	0.7	24
61	Effects of Intranasal Oxytocin on Longâ€Term Memory in Healthy Humans: A Systematic Review. Drug Development Research, 2016, 77, 479-488.	2.9	25
62	Frontotemporal dementia and language networks: cortical thickness reduction is driven by dyslexia susceptibility genes. Scientific Reports, 2016, 6, 30848.	3.3	12
63	Facial feedback and autonomic responsiveness reflect impaired emotional processing in Parkinsonâ€™s Disease. Scientific Reports, 2016, 6, 31453.	3.3	11
64	Older adults get episodic memory boosting from noninvasive stimulation of prefrontal cortex during learning. Neurobiology of Aging, 2016, 39, 210-216.	3.1	61
65	Left parietal cortex transcranial direct current stimulation enhances gesture processing in corticobasal syndrome. European Journal of Neurology, 2015, 22, 1317-1322.	3.3	23
66	Cerebellar transcranial direct current stimulation in patients with ataxia: A double-blind, randomized, sham-controlled study. Movement Disorders, 2015, 30, 1701-1705.	3.9	100
67	Anodal transcranial direct current stimulation of parietal cortex enhances action naming in Corticobasal Syndrome. Frontiers in Aging Neuroscience, 2015, 7, 49.	3.4	14
68	Abnormalities in Cortical Gray Matter Density in Borderline Personality Disorder. European Psychiatry, 2015, 30, 221-227.	0.2	19
69	Efficacy of semanticâ€“phonological treatment combined with tDCS for verb retrieval in a patient with aphasia. Neurocase, 2015, 21, 109-119.	0.6	29
70	Better together: Left and right hemisphere engagement to reduce age-related memory loss. Behavioural Brain Research, 2015, 293, 125-133.	2.2	21
71	Understanding Emotions in Frontotemporal Dementia: The Explicit and Implicit Emotional Cue Mismatch. Journal of Alzheimer's Disease, 2015, 46, 211-225.	2.6	27
72	The timing of cognitive plasticity in physiological aging: a tDCS study of naming. Frontiers in Aging Neuroscience, 2014, 6, 131.	3.4	76

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73	Limb apraxia and verb processing in Alzheimerâ€™s disease. Journal of Clinical and Experimental Neuropsychology, 2014, 36, 843-853.	1.3	12
74	Time up and go task performance improves after transcranial direct current stimulation in patient affected by Parkinson's disease. Neuroscience Letters, 2014, 580, 74-77.	2.1	55
75	Treatment of Primary Progressive Aphasias by Transcranial Direct Current Stimulation Combined with Language Training. Journal of Alzheimer's Disease, 2014, 39, 799-808.	2.6	117
76	Anodal tDCS during face-name associations memory training in Alzheimer's patients. Frontiers in Aging Neuroscience, 2014, 6, 38.	3.4	127
77	Noninvasive stimulation of prefrontal cortex strengthens existing episodic memories and reduces forgetting in the elderly. Frontiers in Aging Neuroscience, 2014, 6, 289.	3.4	97
78	Supporting evidence for using biomarkers in the diagnosis of MCI due to AD. Journal of Neurology, 2013, 260, 640-650.	3.6	50
79	Structural brain features of borderline personality and bipolar disorders. Psychiatry Research - Neuroimaging, 2013, 213, 83-91.	1.8	43
80	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. Alzheimer's and Dementia, 2013, 9, 677-686.	0.8	51
81	Compensatory networks to counteract the effects of ageing on language. Behavioural Brain Research, 2013, 249, 22-27.	2.2	21
82	Enhancing verbal episodic memory in older and young subjects after non-invasive brain stimulation. Frontiers in Aging Neuroscience, 2013, 5, 49.	3.4	112
83	Brain stimulation improves associative memory in an individual with amnestic mild cognitive impairment. Neurocase, 2012, 18, 217-223.	0.6	37
84	Non-Pharmacological Intervention for Memory Decline. Frontiers in Human Neuroscience, 2012, 6, 46.	2.0	53
85	Reminiscence therapy in dementia: A review. Maturitas, 2012, 72, 203-205.	2.4	143
86	Naming Ability Changes in Physiological and Pathological Aging. Frontiers in Neuroscience, 2012, 6, 120.	2.8	17
87	Transcranial brain stimulation studies of episodic memory in young adults, elderly adults and individuals with memory dysfunction: A review. Brain Stimulation, 2012, 5, 103-109.	1.6	73
88	Prefrontal cortex rTMS enhances action naming in progressive nonâ€fluent aphasia. European Journal of Neurology, 2012, 19, 1404-1412.	3.3	47
89	Evidence in Support of the AD Biomarker Dynamic Model from a Memory Clinic Naturalistic Series of Patients with Mild Cognitive Impairment (PD1.009). Neurology, 2012, 78, PD1.009-PD1.009.	1.1	0
90	Anomia training and brain stimulation in chronic aphasia. Neuropsychological Rehabilitation, 2011, 21, 717-741.	1.6	62

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91	Effect of Memantine on Resting State Default Mode Network Activity in AlzheimerÊ¼s Disease. Drugs and Aging, 2011, 28, 205-217.	2.7	57
92	Objective and subjective memory impairment in elderly adults: a revised version of the Everyday Memory Questionnaire. Aging Clinical and Experimental Research, 2011, 23, 67-73.	2.9	32
93	Successful physiological aging and episodic memory: A brain stimulation study. Behavioural Brain Research, 2011, 216, 153-158.	2.2	64
94	Time perception in spatial neglect: A distorted representation?. Neuropsychology, 2011, 25, 193-200.	1.3	30
95	Improved language performance in Alzheimer disease following brain stimulation. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 794-797.	1.9	232
96	The new Alzheimerâ€™s criteria in a naturalistic series of patients with mild cognitive impairment. Journal of Neurology, 2010, 257, 2004-2014.	3.6	44
97	The Neural Bases of Word Encoding and Retrieval: A fMRI-Guided Transcranial Magnetic Stimulation Study. Brain Topography, 2010, 22, 318-332.	1.8	38
98	Action and Object Naming in Physiological Aging: An rTMS Study. Frontiers in Aging Neuroscience, 2010, 2, 151.	3.4	28
99	Metabolic Compensation and Depression in Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders, 2010, 29, 37-45.	1.5	18
100	Naming facilitation induced by transcranial direct current stimulation. Behavioural Brain Research, 2010, 208, 311-318.	2.2	256
101	The role of the dorsolateral prefrontal cortex in retrieval from long-term memory depends on strategies: a repetitive transcranial magnetic stimulation study. Neuroscience, 2010, 166, 501-507.	2.3	54
102	Transcranial Magnetic Stimulation in the Study of Language and Communication. , 2010, , 47-59.		0
103	Faceâ€“name repetition priming in semantic dementia: A case report. Brain and Cognition, 2009, 70, 231-237.	1.8	9
104	Empathy and emotion recognition in semantic dementia: A case report. Brain and Cognition, 2009, 70, 247-252.	1.8	56
105	In Vivo Neuropathology of Cortical Changes in Elderly Persons with Schizophrenia. Biological Psychiatry, 2009, 66, 578-585.	1.3	18
106	Markers of Alzheimer's disease in a population attending a memory clinic. Alzheimer's and Dementia, 2009, 5, 307-317.	0.8	80
107	Increasing Hippocampal Atrophy and Cerebrovascular Damage Is Differently Associated With Functional Cortical Coupling in MCI Patients. Alzheimer Disease and Associated Disorders, 2009, 23, 323-332.	1.3	23
108	Transcranial magnetic stimulation improves naming in Alzheimer disease patients at different stages of cognitive decline. European Journal of Neurology, 2008, 15, 1286-1292.	3.3	221

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109	Right Hemisphere Involvement in Non-Fluent Primary Progressive Aphasia. Behavioural Neurology, 2007, 18, 239-243.	2.1	14
110	Persistent Autobiographical Amnesia: A Case Report. Behavioural Neurology, 2007, 18, 13-17.	2.1	11
111	Dementia, delusions and seizures: storage disease or genetic AD?. European Journal of Neurology, 2007, 14, 1057-1059.	3.3	31
112	Action and object naming in Parkinson's disease without dementia. European Journal of Neurology, 2007, 14, 632-637.	3.3	119
113	Universal grammar in the frontotemporal dementia spectrum. Neuropsychologia, 2007, 45, 3015-3023.	1.6	37
114	Tau missing from CSF. Journal of Neurology, 2007, 254, 107-109.	3.6	5
115	Cognitive impairment in adult myotonic dystrophies: a longitudinal study. Neurological Sciences, 2007, 28, 9-15.	1.9	87
116	The Frontal Behavioural Inventory (Italian version) differentiates frontotemporal lobar degeneration variants from Alzheimer's disease. Neurological Sciences, 2007, 28, 80-86.	1.9	75
117	Cognitive rehabilitation in Alzheimerâ€™s Disease. Aging Clinical and Experimental Research, 2006, 18, 141-143.	2.9	31
118	Action and object naming in frontotemporal dementia, progressive supranuclear palsy, and corticobasal degeneration.. Neuropsychology, 2006, 20, 558-565.	1.3	190
119	Effect of Transcranial Magnetic Stimulation on Action Naming in Patients With Alzheimer Disease. Archives of Neurology, 2006, 63, 1602.	4.5	189
120	Glucose metabolism and dopamine PET correlates in a patient with myotonic dystrophy type 2 and parkinsonism. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 77, 425-426.	1.9	18
121	The Residual Calculation Abilities of a Patient with Severe Aphasia: Evidence for a Selective Deficit of Subtraction Procedures. Cortex, 2003, 39, 85-96.	2.4	23
122	Executive dysfunction and avoidant personality trait in myotonic dystrophy type 1 (DM-1) and in proximal myotonic myopathy (PROMM/DM-2). Neuromuscular Disorders, 2003, 13, 813-821.	0.6	198
123	VOWELS IN THE BUFFER: A CASE STUDY OF ACQUIRED DYSGRAPHIA WITH SELECTIVE VOWEL SUBSTITUTIONS. Cognitive Neuropsychology, 2003, 20, 99-114.	1.1	40
124	Proximal myotonic myopathy: a syndrome with a favourable prognosis?. Journal of the Neurological Sciences, 2002, 193, 89-96.	0.6	35
125	Planning times during traveling salesman's problem: Differences between closed head injury and normal subjects. Brain and Cognition, 2001, 46, 38-42.	1.8	49
126	A cultural effect on brain function. Nature Neuroscience, 2000, 3, 91-96.	14.8	529