

Maria Cotelli

List of Publications by Year in descending order

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Version: 2024-02-01

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	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). <i>Clinical Neurophysiology</i> , 2017, 128, 56-92.	1.5	1,213
2	A cultural effect on brain function. <i>Nature Neuroscience</i> , 2000, 3, 91-96.	14.8	529
3	Naming facilitation induced by transcranial direct current stimulation. <i>Behavioural Brain Research</i> , 2010, 208, 311-318.	2.2	256
4	Improved language performance in Alzheimer disease following brain stimulation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 794-797.	1.9	232
5	Transcranial magnetic stimulation improves naming in Alzheimer disease patients at different stages of cognitive decline. <i>European Journal of Neurology</i> , 2008, 15, 1286-1292.	3.3	221
6	Executive dysfunction and avoidant personality trait in myotonic dystrophy type 1 (DM-1) and in proximal myotonic myopathy (PROMM/DM-2). <i>Neuromuscular Disorders</i> , 2003, 13, 813-821.	0.6	198
7	Action and object naming in frontotemporal dementia, progressive supranuclear palsy, and corticobasal degeneration.. <i>Neuropsychology</i> , 2006, 20, 558-565.	1.3	190
8	Effect of Transcranial Magnetic Stimulation on Action Naming in Patients With Alzheimer Disease. <i>Archives of Neurology</i> , 2006, 63, 1602.	4.5	189
9	Reminiscence therapy in dementia: A review. <i>Maturitas</i> , 2012, 72, 203-205.	2.4	143
10	Anodal tDCS during face-name associations memory training in Alzheimer's patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 38.	3.4	127
11	Action and object naming in Parkinson's disease without dementia. <i>European Journal of Neurology</i> , 2007, 14, 632-637.	3.3	119
12	<scp>M</scp>ild cognitive impairment in Parkinson's disease is improved by transcranial direct current stimulation combined with physical therapy. <i>Movement Disorders</i> , 2016, 31, 715-724.	3.9	119
13	Treatment of Primary Progressive Aphasias by Transcranial Direct Current Stimulation Combined with Language Training. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 799-808.	2.6	117
14	Enhancing verbal episodic memory in older and young subjects after non-invasive brain stimulation. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 49.	3.4	112
15	Cerebellar transcranial direct current stimulation in patients with ataxia: A double-blind, randomized, sham-controlled study. <i>Movement Disorders</i> , 2015, 30, 1701-1705.	3.9	100
16	Noninvasive stimulation of prefrontal cortex strengthens existing episodic memories and reduces forgetting in the elderly. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 289.	3.4	97
17	Gender differences in cognitive Theory of Mind revealed by transcranial direct current stimulation on medial prefrontal cortex. <i>Scientific Reports</i> , 2017, 7, 41219.	3.3	94
18	Cognitive impairment in adult myotonic dystrophies: a longitudinal study. <i>Neurological Sciences</i> , 2007, 28, 9-15.	1.9	87

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19	Markers of Alzheimer's disease in a population attending a memory clinic. <i>Alzheimer's and Dementia</i> , 2009, 5, 307-317.	0.8	80
20	Cerebello-spinal tDCS in ataxia. <i>Neurology</i> , 2018, 91, e1090-e1101.	1.1	78
21	The timing of cognitive plasticity in physiological aging: a tDCS study of naming. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 131.	3.4	76
22	The Frontal Behavioural Inventory (Italian version) differentiates frontotemporal lobar degeneration variants from Alzheimer's disease. <i>Neurological Sciences</i> , 2007, 28, 80-86.	1.9	75
23	Transcranial brain stimulation studies of episodic memory in young adults, elderly adults and individuals with memory dysfunction: A review. <i>Brain Stimulation</i> , 2012, 5, 103-109.	1.6	73
24	Cognitive telerehabilitation in mild cognitive impairment, Alzheimer's disease and frontotemporal dementia: A systematic review. <i>Journal of Telemedicine and Telecare</i> , 2019, 25, 67-79.	2.7	71
25	Exposure to gamma tACS in Alzheimer's disease: A randomized, double-blind, sham-controlled, crossover, pilot study. <i>Brain Stimulation</i> , 2021, 14, 531-540.	1.6	67
26	Successful physiological aging and episodic memory: A brain stimulation study. <i>Behavioural Brain Research</i> , 2011, 216, 153-158.	2.2	64
27	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. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 498-525.	6.1	63
28	Anomia training and brain stimulation in chronic aphasia. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 717-741.	1.6	62
29	Older adults get episodic memory boosting from noninvasive stimulation of prefrontal cortex during learning. <i>Neurobiology of Aging</i> , 2016, 39, 210-216.	3.1	61
30	Transcranial direct current stimulation enhances theory of mind in Parkinson's disease patients with mild cognitive impairment: a randomized, double-blind, sham-controlled study. <i>Translational Neurodegeneration</i> , 2019, 8, 1.	8.0	59
31	Effect of Memantine on Resting State Default Mode Network Activity in Alzheimer's Disease. <i>Drugs and Aging</i> , 2011, 28, 205-217.	2.7	57
32	Empathy and emotion recognition in semantic dementia: A case report. <i>Brain and Cognition</i> , 2009, 70, 247-252.	1.8	56
33	Predicting Alzheimer's disease severity by means of TMS-EEG coregistration. <i>Neurobiology of Aging</i> , 2019, 80, 38-45.	3.1	56
34	Time up and go task performance improves after transcranial direct current stimulation in patient affected by Parkinson's disease. <i>Neuroscience Letters</i> , 2014, 580, 74-77.	2.1	55
35	The role of the dorsolateral prefrontal cortex in retrieval from long-term memory depends on strategies: a repetitive transcranial magnetic stimulation study. <i>Neuroscience</i> , 2010, 166, 501-507.	2.3	54
36	Non-Pharmacological Intervention for Memory Decline. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 46.	2.0	53

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37	Transcranial direct current stimulation combined with cognitive training for the treatment of Parkinson Disease: A randomized, placebo-controlled study. <i>Brain Stimulation</i> , 2018, 11, 1251-1262.	1.6	52
38	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. <i>Alzheimer's and Dementia</i> , 2013, 9, 677-686.	0.8	51
39	Supporting evidence for using biomarkers in the diagnosis of MCI due to AD. <i>Journal of Neurology</i> , 2013, 260, 640-650.	3.6	50
40	Planning times during traveling salesman's problem: Differences between closed head injury and normal subjects. <i>Brain and Cognition</i> , 2001, 46, 38-42.	1.8	49
41	Prefrontal cortex rTMS enhances action naming in progressive non-fluent aphasia. <i>European Journal of Neurology</i> , 2012, 19, 1404-1412.	3.3	47
42	The new Alzheimer's criteria in a naturalistic series of patients with mild cognitive impairment. <i>Journal of Neurology</i> , 2010, 257, 2004-2014.	3.6	44
43	Structural brain features of borderline personality and bipolar disorders. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 83-91.	1.8	43
44	VOWELS IN THE BUFFER: A CASE STUDY OF ACQUIRED DYSGRAPHIA WITH SELECTIVE VOWEL SUBSTITUTIONS. <i>Cognitive Neuropsychology</i> , 2003, 20, 99-114.	1.1	40
45	Small World Index in Default Mode Network Predicts Progression from Mild Cognitive Impairment to Dementia. <i>International Journal of Neural Systems</i> , 2020, 30, 2050004.	5.2	40
46	Grey Matter Density Predicts the Improvement of Naming Abilities After tDCS Intervention in Agrammatic Variant of Primary Progressive Aphasia. <i>Brain Topography</i> , 2016, 29, 738-751.	1.8	39
47	Non-Invasive Brain Stimulation in Dementia: A Complex Network Story. <i>Neurodegenerative Diseases</i> , 2018, 18, 281-301.	1.4	39
48	The Neural Bases of Word Encoding and Retrieval: A fMRI-Guided Transcranial Magnetic Stimulation Study. <i>Brain Topography</i> , 2010, 22, 318-332.	1.8	38
49	Increasing Brain Gamma Activity Improves Episodic Memory and Restores Cholinergic Dysfunction in Alzheimer's Disease. <i>Annals of Neurology</i> , 2022, 92, 322-334.	5.3	38
50	Universal grammar in the frontotemporal dementia spectrum. <i>Neuropsychologia</i> , 2007, 45, 3015-3023.	1.6	37
51	Brain stimulation improves associative memory in an individual with amnesic mild cognitive impairment. <i>Neurocase</i> , 2012, 18, 217-223.	0.6	37
52	Coordinate-Based Meta-Analysis of the Default Mode and Salience Network for Target Identification in Non-Invasive Brain Stimulation of Alzheimer's Disease and Behavioral Variant Frontotemporal Dementia Networks. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 825-843.	2.6	37
53	Effectiveness of an Innovative Cognitive Treatment and Telerehabilitation on Subjects With Mild Cognitive Impairment: A Multicenter, Randomized, Active-Controlled Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 585988.	3.4	37
54	Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.	10.9	37

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55	Proximal myotonic myopathy: a syndrome with a favourable prognosis?. <i>Journal of the Neurological Sciences</i> , 2002, 193, 89-96.	0.6	35
56	Effects of Transcranial Direct Current Stimulation on Episodic Memory in Amnesic Mild Cognitive Impairment: A Pilot Study. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 75, 1403-1413.	3.9	33
57	Objective and subjective memory impairment in elderly adults: a revised version of the Everyday Memory Questionnaire. <i>Aging Clinical and Experimental Research</i> , 2011, 23, 67-73.	2.9	32
58	Cognitive rehabilitation in Alzheimer's Disease. <i>Aging Clinical and Experimental Research</i> , 2006, 18, 141-143.	2.9	31
59	Dementia, delusions and seizures: storage disease or genetic AD?. <i>European Journal of Neurology</i> , 2007, 14, 1057-1059.	3.3	31
60	Time perception in spatial neglect: A distorted representation?. <i>Neuropsychology</i> , 2011, 25, 193-200.	1.3	30
61	Efficacy of semantic-phonological treatment combined with tDCS for verb retrieval in a patient with aphasia. <i>Neurocase</i> , 2015, 21, 109-119.	0.6	29
62	Strengthening of Existing Episodic Memories Through Non-invasive Stimulation of Prefrontal Cortex in Older Adults with Subjective Memory Complaints. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 401.	3.4	29
63	Classification of Alzheimer's Disease with Respect to Physiological Aging with Innovative EEG Biomarkers in a Machine Learning Implementation. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1253-1261.	2.6	29
64	Action and Object Naming in Physiological Aging: An rTMS Study. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 151.	3.4	28
65	Human brain networks: a graph theoretical analysis of cortical connectivity normative database from EEG data in healthy elderly subjects. <i>GeroScience</i> , 2020, 42, 575-584.	4.6	28
66	Understanding Emotions in Frontotemporal Dementia: The Explicit and Implicit Emotional Cue Mismatch. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 211-225.	2.6	27
67	Transcranial stimulation in frontotemporal dementia: A randomized, double-blind, sham-controlled trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12033.	3.7	27
68	Analysis of complexity in the EEG activity of Parkinson's disease patients by means of approximate entropy. <i>GeroScience</i> , 2022, 44, 1599-1607.	4.6	27
69	Neurophysiological Hallmarks of Neurodegenerative Cognitive Decline: The Study of Brain Connectivity as A Biomarker of Early Dementia. <i>Journal of Personalized Medicine</i> , 2020, 10, 34.	2.5	26
70	Effects of Intranasal Oxytocin on Long-Term Memory in Healthy Humans: A Systematic Review. <i>Drug Development Research</i> , 2016, 77, 479-488.	2.9	25
71	Oxytocin to modulate emotional processing in schizophrenia: A randomized, double-blind, cross-over clinical trial. <i>European Neuropsychopharmacology</i> , 2016, 26, 1619-1628.	0.7	24
72	The Residual Calculation Abilities of a Patient with Severe Aphasia: Evidence for a Selective Deficit of Subtraction Procedures. <i>Cortex</i> , 2003, 39, 85-96.	2.4	23

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73	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.	1.3	23
74	Left parietal cortex transcranial direct current stimulation enhances gesture processing in corticobasal syndrome. <i>European Journal of Neurology</i> , 2015, 22, 1317-1322.	3.3	23
75	Transcranial direct current stimulation applied after encoding facilitates episodic memory consolidation in older adults. <i>Neurobiology of Learning and Memory</i> , 2019, 163, 107037.	1.9	23
76	Compensatory networks to counteract the effects of ageing on language. <i>Behavioural Brain Research</i> , 2013, 249, 22-27.	2.2	21
77	Better together: Left and right hemisphere engagement to reduce age-related memory loss. <i>Behavioural Brain Research</i> , 2015, 293, 125-133.	2.2	21
78	Approximate Entropy of Brain Network in the Study of Hemispheric Differences. <i>Entropy</i> , 2020, 22, 1220.	2.2	20
79	Abnormalities in Cortical Gray Matter Density in Borderline Personality Disorder. <i>European Psychiatry</i> , 2015, 30, 221-227.	0.2	19
80	The optimal timing of stimulation to induce long-lasting positive effects on episodic memory in physiological aging. <i>Behavioural Brain Research</i> , 2016, 311, 81-86.	2.2	19
81	Glucose metabolism and dopamine PET correlates in a patient with myotonic dystrophy type 2 and parkinsonism. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 77, 425-426.	1.9	18
82	In Vivo Neuropathology of Cortical Changes in Elderly Persons with Schizophrenia. <i>Biological Psychiatry</i> , 2009, 66, 578-585.	1.3	18
83	Metabolic Compensation and Depression in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 29, 37-45.	1.5	18
84	Enhancing theory of mind in behavioural variant frontotemporal dementia with transcranial direct current stimulation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 1065-1075.	2.0	18
85	Aging, sex and cognitive Theory of Mind: a transcranial direct current stimulation study. <i>Scientific Reports</i> , 2019, 9, 18064.	3.3	18
86	Brain Connectivity and Graph Theory Analysis in Alzheimer's and Parkinson's Disease: The Contribution of Electrophysiological Techniques. <i>Brain Sciences</i> , 2022, 12, 402.	2.3	18
87	Naming Ability Changes in Physiological and Pathological Aging. <i>Frontiers in Neuroscience</i> , 2012, 6, 120.	2.8	17
88	Age at onset reveals different functional connectivity abnormalities in prodromal Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 2594-2605.	2.1	17
89	Language training for oral and written naming impairment in primary progressive aphasia: a review. <i>Translational Neurodegeneration</i> , 2021, 10, 24.	8.0	17
90	Brain network modulation in Alzheimer's and frontotemporal dementia with transcranial electrical stimulation. <i>Neurobiology of Aging</i> , 2022, 111, 24-34.	3.1	16

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91	The role of the motor system in action naming in patients with neurodegenerative extrapyramidal syndromes. <i>Cortex</i> , 2018, 100, 191-214.	2.4	15
92	Right Hemisphere Involvement in Non-Fluent Primary Progressive Aphasia. <i>Behavioural Neurology</i> , 2007, 18, 239-243.	2.1	14
93	Anodal transcranial direct current stimulation of parietal cortex enhances action naming in Corticobasal Syndrome. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 49.	3.4	14
94	Entropy modulation of electroencephalographic signals in physiological aging. <i>Mechanisms of Ageing and Development</i> , 2021, 196, 111472.	4.6	14
95	Modulating risky decision-making in Parkinson's disease by transcranial direct current stimulation. <i>European Journal of Neurology</i> , 2017, 24, 751-754.	3.3	13
96	Graph Theory on Brain Cortical Sources in Parkinson's Disease: The Analysis of "Small World" Organization from EEG. <i>Sensors</i> , 2021, 21, 7266.	3.8	13
97	Entropy as Measure of Brain Networks' Complexity in Eyes Open and Closed Conditions. <i>Symmetry</i> , 2021, 13, 2178.	2.2	13
98	Limb apraxia and verb processing in Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 843-853.	1.3	12
99	Frontotemporal dementia and language networks: cortical thickness reduction is driven by dyslexia susceptibility genes. <i>Scientific Reports</i> , 2016, 6, 30848.	3.3	12
100	Contribution of Graph Theory Applied to EEG Data Analysis for Alzheimer's Disease Versus Vascular Dementia Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 871-879.	2.6	12
101	Persistent Autobiographical Amnesia: A Case Report. <i>Behavioural Neurology</i> , 2007, 18, 13-17.	2.1	11
102	Facial feedback and autonomic responsiveness reflect impaired emotional processing in Parkinson's Disease. <i>Scientific Reports</i> , 2016, 6, 31453.	3.3	11
103	Expanding the role of education in frontotemporal dementia: a functional dynamic connectivity (the Tj ETQq1 1 0.784314 rgBT /Ove	3.1	11
104	Effects of transcranial electrical stimulation on episodic memory in physiological and pathological ageing. <i>Ageing Research Reviews</i> , 2020, 61, 101065.	10.9	11
105	Human Brain Networks in Physiological and Pathological Aging: Reproducibility of Electroencephalogram Graph Theoretical Analysis in Cortical Connectivity. <i>Brain Connectivity</i> , 2022, 12, 41-51.	1.7	11
106	Face-name repetition priming in semantic dementia: A case report. <i>Brain and Cognition</i> , 2009, 70, 231-237.	1.8	9
107	Clinical and neurophysiological characteristics of heterozygous NPC1 carriers. <i>JIMD Reports</i> , 2019, 49, 80-88.	1.5	9
108	Assessing the dependence of the number of EEG channels in the brain networks' modulations. <i>Brain Research Bulletin</i> , 2021, 167, 33-36.	3.0	9

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109	Neuronavigated Magnetic Stimulation combined with cognitive training for Alzheimer's patients: an EEG graph study. <i>GeroScience</i> , 2022, 44, 159-172.	4.6	9
110	Different types of abstract concepts: evidence from two neurodegenerative patients. <i>Neurocase</i> , 2021, 27, 270-280.	0.6	8
111	Age-related changes in implicit emotion processing. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 86-104.	1.3	6
112	Effortful speech with distortion of prosody following SARS-CoV-2 infection. <i>Neurological Sciences</i> , 2020, 41, 3767-3768.	1.9	6
113	Tau missing from CSF. <i>Journal of Neurology</i> , 2007, 254, 107-109.	3.6	5
114	Theory of Mind Performance Predicts tDCS-Mediated Effects on the Medial Prefrontal Cortex: A Pilot Study to Investigate the Role of Sex and Age. <i>Brain Sciences</i> , 2020, 10, 257.	2.3	5
115	Neurobiological and clinical effect of metacognitive interpersonal therapy vs structured clinical model: study protocol for a randomized controlled trial. <i>BMC Psychiatry</i> , 2019, 19, 195.	2.6	4
116	Brain sources' activity in resting state before a visuo-motor task. <i>Journal of Neural Engineering</i> , 2021, 18, 034002.	3.5	4
117	Performance prediction in a visuo-motor task: the contribution of EEG analysis. <i>Cognitive Neurodynamics</i> , 2022, 16, 297-308.	4.0	4
118	tDCS-Induced Memory Reconsolidation Effects: Analysis of Prominent Predicting Factors. <i>Frontiers in Neuroscience</i> , 2022, 16, 814003.	2.8	4
119	Emotion regulation in Schizophrenia: A comparison between implicit (EEG and fNIRS) and explicit (valence) measures: Preliminary observations. <i>Asian Journal of Psychiatry</i> , 2018, 34, 12-13.	2.0	3
120	Neuropsychological features in patients with severe mental disorders and risk of violence: A prospective multicenter study in Italy. <i>Psychiatry Research</i> , 2020, 289, 113027.	3.3	3
121	Cognitive Tele-Enhancement in Healthy Older Adults and Subjects With Subjective Memory Complaints: A Review. <i>Frontiers in Neurology</i> , 2021, 12, 650553.	2.4	2
122	Reply to letter to the editor 'tDCS effect on cognitive performance in Parkinson's disease' by Biundo et al.. <i>Movement Disorders</i> , 2016, 31, 1253-1255.	3.9	0
123	Methods Used in Brain Connectivity: Focus on Electrophysiological Measures. , 2022, , 155-162.		0
124	Transcranial Magnetic Stimulation in the Study of Language and Communication. , 2010, , 47-59.		0
125	Evidence in Support of the AD Biomarker Dynamic Model from a Memory Clinic Naturalistic Series of Patients with Mild Cognitive Impairment (PD1.009). <i>Neurology</i> , 2012, 78, PD1.009-PD1.009.	1.1	0
126	Noninvasive electrical and magnetic brain stimulation (with insights on the effects of cellular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T		