Giuseppe Curcio

List of Publications by Year in descending order

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CHISEDDE CHIDCIO

#	Article	IF	CITATIONS
1	Sleep loss, learning capacity and academic performance. Sleep Medicine Reviews, 2006, 10, 323-337.	8.5	905
2	Validity of the Italian Version of the Pittsburgh Sleep Quality Index (PSQI). Neurological Sciences, 2013, 34, 511-519.	1.9	406
3	The electroencephalographic fingerprint of sleep is genetically determined: A twin study. Annals of Neurology, 2008, 64, 455-460.	5.3	228
4	An electroencephalographic fingerprint of human sleep. NeuroImage, 2005, 26, 114-122.	4.2	217
5	Lack of sleep affects the evaluation of emotional stimuli. Brain Research Bulletin, 2010, 82, 104-108.	3.0	157
6	Antero-posterior EEG changes during the wakefulness–sleep transition. Clinical Neurophysiology, 2001, 112, 1901-1911.	1.5	136
7	Is the brain influenced by a phone call?. Neuroscience Research, 2005, 53, 265-270.	1.9	123
8	Neurophysiological correlates of sleepiness: A combined TMS and EEG study. NeuroImage, 2007, 36, 1277-1287.	4.2	114
9	Mobile phone emissions and human brain excitability. Annals of Neurology, 2006, 60, 188-196.	5.3	110
10	The effects of sleep and sleep deprivation on taskâ€ s witching performance. Journal of Sleep Research, 2010, 19, 64-70.	3.2	107
11	Neurophysiological effects of mobile phone electromagnetic fields on humans: A comprehensive review. Bioelectromagnetics, 2007, 28, 415-432.	1.6	101
12	Modulation of corticospinal excitability by paired associative stimulation: Reproducibility of effects and intraindividual reliability. Clinical Neurophysiology, 2006, 117, 2667-2674.	1.5	99
13	Changes in fronto-posterior functional coupling at sleep onset in humans. Journal of Sleep Research, 2004, 13, 209-217.	3.2	93
14	Sleepiness: evaluating and quantifying methods. International Journal of Psychophysiology, 2001, 41, 251-263.	1.0	90
15	Handedness is mainly associated with an asymmetry of corticospinal excitability and not of transcallosal inhibition. Clinical Neurophysiology, 2004, 115, 1305-1312.	1.5	90
16	Paradoxes of the first-night effect: a quantitative analysis of antero-posterior EEG topography. Clinical Neurophysiology, 2004, 115, 1178-1188.	1.5	88
17	The effects of sleep deprivation in humans: topographical electroencephalogram changes in non-rapid eye movement (NREM) sleep versus REM sleep. Journal of Sleep Research, 2010, 19, 260-268.	3.2	83
18	Regional Differences of the Human Sleep Electroencephalogram in Response to Selective Slow-wave Sleep Deprivation. Cerebral Cortex, 2002, 12, 737-748.	2.9	75

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19	Visual search performance across 40 h of continuous wakefulness: Measures of speed and accuracy and relation with oculomotor performance. Physiology and Behavior, 2001, 74, 197-204.	2.1	74
20	Mobile phone emission modulates interhemispheric functional coupling of EEG alpha rhythms. European Journal of Neuroscience, 2007, 25, 1908-1913.	2.6	72
21	Sleep to find your way: The role of sleep in the consolidation of memory for navigation in humans. Hippocampus, 2008, 18, 844-851.	1.9	72
22	Assessing vigilance through a brief pencil and paper letter cancellation task (LCT): effects of one night of sleep deprivation and of the time of day. Ergonomics, 1997, 40, 613-630.	2.1	69
23	Antero-posterior functional coupling at sleep onset: changes as a function of increased sleep pressure. Brain Research Bulletin, 2005, 65, 133-140.	3.0	69
24	Mobile phone emission modulates inter-hemispheric functional coupling of EEG alpha rhythms in elderly compared to young subjects. Clinical Neurophysiology, 2010, 121, 163-171.	1.5	67
25	Amygdala and hippocampus volumetry and diffusivity in relation to dreaming. Human Brain Mapping, 2011, 32, 1458-1470.	3.6	67
26	Cognitive Impairment in Relapsing-Remitting Multiple Sclerosis Patients with Very Mild Clinical Disability. Behavioural Neurology, 2017, 2017, 1-10.	2.1	67
27	Resilience and psychological impact on Italian university students during COVID-19 pandemic. Distance learning and health. Psychology, Health and Medicine, 2022, 27, 69-80.	2.4	66
28	Alpha and beta EEG power reflects L-dopa acute administration in parkinsonian patients. Frontiers in Aging Neuroscience, 2014, 6, 302.	3.4	62
29	Cortical Brain Connectivity Evaluated by Graph Theory in Dementia: A Correlation Study Between Functional and Structural Data. Journal of Alzheimer's Disease, 2015, 45, 745-756.	2.6	60
30	Sleep in the Human Hippocampus: A Stereo-EEG Study. PLoS ONE, 2007, 2, e867.	2.5	60
31	Callosal effects of transcranial magnetic stimulation (TMS): the influence of gender and stimulus parameters. Neuroscience Research, 2004, 48, 129-137.	1.9	59
32	What matters is when you play: Investigating the relationship between online video games addiction and time spent playing over specific day phases. Addictive Behaviors Reports, 2018, 8, 185-188.	1.9	59
33	The relationship between alexithymia, depression, and sleep complaints. Psychiatry Research, 2004, 128, 253-258.	3.3	58
34	The electroencephalographic substratum of the awakening. Behavioural Brain Research, 2006, 167, 237-244.	2.2	58
35	Long-Term Impact of Earthquakes on Sleep Quality. PLoS ONE, 2013, 8, e55936.	2.5	58
36	Environmental Factors Promoting Neural Plasticity: Insights from Animal and Human Studies. Neural Plasticity, 2017, 2017, 1-10.	2.2	57

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37	Exposure to video games: effects on sleep and on post-sleep cognitive abilities. A sistematic review of experimental evidences. Sleep Science, 2018, 11, 302-314.	1.0	55
38	Slow Eye Movements and Subjective Estimates of Sleepiness Predict EEG Power Changes During Sleep Deprivation. Sleep, 2007, 30, 610-616.	1.1	54
39	Cortical connectivity in fronto-temporal focal epilepsy from EEG analysis: A study via graph theory. Clinical Neurophysiology, 2015, 126, 1108-1116.	1.5	54

40 Regional MRI Diffusion, White-Matter Hyperintensities, and Cognitive Function in Alzheimer's Disease

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55	Pre-polysomnographic assessment using the Pittsburgh Sleep Quality Index questionnaire is not useful in identifying people at higher risk for obstructive sleep apnea. Journal of Medical Screening, 2013, 20, 220-226.	2.3	32
56	Spinocerebellar ataxia: a critical review of cognitive and socio-cognitive deficits. International Journal of Neuroscience, 2018, 128, 182-191.	1.6	31
57	Recovery sleep after sleep deprivation almost completely abolishes dream recall. Behavioural Brain Research, 2010, 206, 293-298.	2.2	30
58	Interhemispheric Transfer Deficit in Alexithymia: A Transcranial Magnetic Stimulation Study. Psychotherapy and Psychosomatics, 2008, 77, 175-181.	8.8	27
59	Psychomotor performance is not influenced by brief repeated exposures to mobile phones. Bioelectromagnetics, 2008, 29, 237-241.	1.6	25
60	Cortical EEG topography of REM onset: the posterior dominance of middle and high frequencies. Clinical Neurophysiology, 2002, 113, 561-570.	1.5	23
61	Can an inert sleeping pill affect sleep? Effects on polysomnographic, behavioral and subjective measures. Psychopharmacology, 2005, 181, 761-770.	3.1	23
62	Reduction of Transcallosal Inhibition upon Awakening from REM Sleep in Humans as Assessed by Transcranial Magnetic Stimulation. Sleep, 2004, 27, 875-882.	1.1	22
63	Corticospinal excitability and sleep: a motor threshold assessment by transcranial magnetic stimulation after awakenings from REM and NREM sleep. Journal of Sleep Research, 2004, 13, 31-36.	3.2	22
64	Interhemispheric asymmetry of human sleep EEG in response to selective slow-wave sleep deprivation Behavioral Neuroscience, 2002, 116, 976-981.	1.2	21
65	Regional differences of the temporal EEG dynamics during the first 30 min of human sleep. Neuroscience Research, 2002, 44, 83-89.	1.9	20
66	Acute Mobile Phones Exposure Affects Frontal Cortex Hemodynamics as Evidenced by Functional Near-Infrared Spectroscopy. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 903-910.	4.3	20
67	Counterfactual thinking in moral judgment: an experimental study. Frontiers in Psychology, 2014, 5, 451.	2.1	20
68	Interpersonal Forgiveness and Adolescent Depression. The Mediational Role of Self-reassurance and Self-criticism. Journal of Child and Family Studies, 2020, 29, 462-470.	1.3	19
69	Effects of mobile phone signals over BOLD response while performing a cognitive task. Clinical Neurophysiology, 2012, 123, 129-136.	1.5	18
70	Pathologic Use of Video Games and Motivation: Can the Gaming Motivation Scale (GAMS) Predict Depression and Trait Anxiety?. International Journal of Environmental Research and Public Health, 2019, 16, 1008.	2.6	18
71	Auditory evoked responses upon awakening from sleep in human subjects. Neuroscience Letters, 2001, 310, 145-148.	2.1	17
72	Topographical changes in N1-P2 amplitude upon awakening from recovery sleep after slow-wave sleep deprivation. Clinical Neurophysiology, 2002, 113, 1183-1190.	1.5	17

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73	Intracortical inhibition and facilitation upon awakening from different sleep stages: a transcranial magnetic stimulation study. European Journal of Neuroscience, 2004, 19, 3099-3104.	2.6	17
74	Post-earthquake Distress and Development of Emotional Expertise in Young Adults. Frontiers in Behavioral Neuroscience, 2018, 12, 91.	2.0	17
75	Directional Information Flows between Brain Hemispheres during Presleep Wake and Early Sleep Stages. Cerebral Cortex, 2007, 17, 1970-1978.	2.9	16
76	Relationship among Diffusion Tensor Imaging, EEG Activity, and Cognitive Status in Mild Cognitive Impairment and Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2013, 38, 939-950.	2.6	16
77	Emotional processing in RRMS patients: Dissociation between behavioural and neurophysiological response. Multiple Sclerosis and Related Disorders, 2019, 27, 344-349.	2.0	16
78	Cold LED lighting affects visual but not acoustic vigilance. Building and Environment, 2019, 151, 148-155.	6.9	16
79	Executive functioning in relapsing-remitting multiple sclerosis patients without cognitive impairment: A task-switching protocol. Multiple Sclerosis Journal, 2018, 24, 1328-1336.	3.0	15
80	Task-switching abilities in pre-manifest Huntington's disease subjects. Parkinsonism and Related Disorders, 2019, 60, 111-117.	2.2	15
81	A Questionnaire for the Assessment of Violent Behaviors in Young Couples: The Italian Version of Dating Violence Questionnaire (DVQ). PLoS ONE, 2015, 10, e0126089.	2.5	14
82	Functional Role of Internal and External Visual Imagery: Preliminary Evidences from Pilates. Neural Plasticity, 2018, 2018, 1-8.	2.2	14
83	The Development of Spatial Memory Analyzed by Means of Ecological Walking Task. Frontiers in Psychology, 2019, 10, 728.	2.1	14
84	Directional information flows between brain hemispheres across waking, non-REM and REM sleep states: An EEG study. Brain Research Bulletin, 2009, 78, 270-275.	3.0	13
85	Electromagnetic fields and EEG spiking rate in patients with focal epilepsy. Clinical Neurophysiology, 2015, 126, 659-666.	1.5	13
86	A night of sleep deprivation alters brain connectivity and affects specific executive functions. Neurological Sciences, 2022, 43, 1025-1034.	1.9	13
87	Are polysomnographic measures of sleep correlated to alexithymia?. Journal of Psychosomatic Research, 2002, 53, 1091-1095.	2.6	12
88	Cognitive and behavioral associated changes in manifest Huntington disease: A retrospective crossâ€sectional study. Brain and Behavior, 2021, 11, e02151.	2.2	12
89	Heritability of Intracortical Inhibition and Facilitation. Journal of Neuroscience, 2009, 29, 8897-8900.	3.6	11
90	Republished review: Systematic review and meta-analysis of psychomotor effects of mobile phone electromagnetic fields. Postgraduate Medical Journal, 2011, 87, 643-651.	1.8	11

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91	LED lighting effect on sleep, sleepiness, mood and vigor. , 2016, , .		10
92	Psychopathological Comorbidities and Clinical Variables in Patients With Medication Overuse Headache. Frontiers in Human Neuroscience, 2020, 14, 571035.	2.0	10
93	Clinical application of mindfulness-oriented meditation in children with ADHD: a preliminary study on sleep and behavioral problems. Psychology and Health, 2021, , 1-17.	2.2	10
94	Assessing nighttime vigilance through a three-letter cancellation task (3-LCT)effects of daytime sleep with temazepam or placebo. Physiology and Behavior, 1999, 68, 251-256.	2.1	9
95	Exposure to Mobile Phone-Emitted Electromagnetic Fields and Human Attention: No Evidence of a Causal Relationship. Frontiers in Public Health, 2018, 6, 42.	2.7	8
96	Sleep Quality and Psychological Status in a Group of Italian Prisoners. International Journal of Environmental Research and Public Health, 2020, 17, 4224.	2.6	8
97	Neural Correlates of Facial Expression Recognition in Earthquake Witnesses. Frontiers in Neuroscience, 2019, 13, 1038.	2.8	7
98	Major Stress-Related Symptoms During the Lockdown: A Study by the Italian Society of Psychophysiology and Cognitive Neuroscience. Frontiers in Public Health, 2021, 9, 636089.	2.7	7
99	Cognitive Reserve in Early Manifest Huntington Disease Patients: Leisure Time Is Associated with Lower Cognitive and Functional Impairment. Journal of Personalized Medicine, 2022, 12, 36.	2.5	7
100	Psychopathological profile of medication overuse headache patients, drug assumption and degree of disability. Neurological Sciences, 2018, 39, 169-170.	1.9	5
101	Striatal dynamics as determinants of reduced gambling vulnerability in the NHE rat model of ADHD. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 100, 109886.	4.8	5
102	Altering the development of the dopaminergic system through social play in rats: Implications for anxiety, depression, hyperactivity, and compulsivity. Neuroscience Letters, 2021, 760, 136090.	2.1	5
103	Moral Judgment and Empathic/Deontological Guilt. Psychological Reports, 2019, 122, 1395-1411.	1.7	4
104	A new paradigm for Prosocial Behavior and Reciprocity, assessed in WT and HET rats for the DAT gene. Behavioural Brain Research, 2020, 393, 112746.	2.2	4
105	Resilience in women with primary Sjögren's syndrome. Rheumatology International, 2021, 41, 1987-1994.	3.0	4
106	Clinical Neurophysiology in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-2.	2.0	3
107	Unilateral cortical hyperexcitability in congenital hydrocephalus: A TMS study. Neurocase, 2014, 20, 456-465.	0.6	3
108	Safer Attitude to Risky Decision-Making in Premanifest Huntington's Disease Subjects. Frontiers in Psychology, 2019, 10, 846.	2.1	3

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109	Moral Judgement along the Academic Training. International Journal of Environmental Research and Public Health, 2022, 19, 10.	2.6	3
110	Ageing and Neurodegenerative Disorders. Behavioural Neurology, 2015, 2015, 1-2.	2.1	2
111	Validity of the Italian multiple sclerosis neuropsychological screening questionnaire. Neurological Sciences, 2021, 42, 4583-4589.	1.9	2
112	"Himalayan Bridge― A New Unstable Suspended Bridge to Investigate Rodents' Venturesome Behavior. Frontiers in Behavioral Neuroscience, 2021, 15, 637074.	2.0	2
113	Mobile Phones-Like Electromagnetic Fields Effects on Human Psychomotor Performance. , 2015, , 694-704.		2
114	The Dialogue Between Medical Doctors and Bioethicists: Rethinking Experience to Improve Medical Education. Cuadernos De Bioética: Revista Oficial De La Asociación Española De Bioética Y Ética Médica, 2016, 27, 163-73	0.1 3.	2
115	P17-19 Mobile phone emissions and brain excitability in Alzheimer disease. Clinical Neurophysiology, 2010, 121, S207.	1.5	1
116	Children's taste perception and cognitive development. International Journal of Obesity, 2012, 36, 84-84.	3.4	1
117	Human Psychomotor Performance Under the Exposure to Mobile Phones-Like Electromagnetic Fields. Advances in Computer and Electrical Engineering Book Series, 2019, , 923-936.	0.3	1
118	Exposure to Video Games and Decision Making. , 2018, , 3296-3308.		1
119	Managing human stress level: a multimedia sequence approach. , 2021, , .		1
120	Task-switching abilities in episodic and chronic migraine. Neurological Sciences, 2022, , 1.	1.9	1
121	The presence of a potential competitor modulates risk preferences in rats. Behavioural Processes, 2022, 196, 104602.	1.1	1
122	Can Stimulus Valence Modulate Task-Switching Ability? A Pilot Study on Primary School Children. International Journal of Environmental Research and Public Health, 2022, 19, 6409.	2.6	1
123	Response to comments by Balzano and Swicord on "neurophysiological effects of mobile phone electromagnetic fields on humans: A comprehensive review― Bioelectromagnetics, 2008, 29, 411-411.	1.6	0
124	F34â€Game of dice task performance in premanifest huntington's disease subjects. , 2018, , .		0
125	F19â€Cognitive reserve: the leisure time concurs to the cognition performance and to the independence of early huntington disease patients. , 2021, , .		0
126	Brain training softwares: is their efficacy real and influenced by age? A preliminary report. Gerontechnology, 2008, 7, .	0.1	0

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127	Human Psychomotor Performance Under the Exposure to Mobile Phones-Like Electromagnetic Fields. , 2018, , 6124-6135.		0
128	Are there hidden dangers to mobile phone use?. , 2018, , 57-71.		0
129	F33â€Task-switching abilities in pre-manifest huntington's disease subjects. , 2018, , .		0
130	THU0266â€RESILIENCE IN WOMEN WITH PRIMARY SJÃ−GREN'S SYNDROME. Annals of the Rheumatic Dis 2020, 79, 360.2-360.	eases, 0.9	0