

Giuseppe Curcio

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

5,963
citations

66234

42
h-index

82410

72
g-index

144
all docs

144
docs citations

144
times ranked

7080
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep loss, learning capacity and academic performance. <i>Sleep Medicine Reviews</i> , 2006, 10, 323-337.	3.8	905
2	Validity of the Italian Version of the Pittsburgh Sleep Quality Index (PSQI). <i>Neurological Sciences</i> , 2013, 34, 511-519.	0.9	406
3	The electroencephalographic fingerprint of sleep is genetically determined: A twin study. <i>Annals of Neurology</i> , 2008, 64, 455-460.	2.8	228
4	An electroencephalographic fingerprint of human sleep. <i>NeuroImage</i> , 2005, 26, 114-122.	2.1	217
5	Lack of sleep affects the evaluation of emotional stimuli. <i>Brain Research Bulletin</i> , 2010, 82, 104-108.	1.4	157
6	Antero-posterior EEG changes during the wakefulness-sleep transition. <i>Clinical Neurophysiology</i> , 2001, 112, 1901-1911.	0.7	136
7	Is the brain influenced by a phone call?. <i>Neuroscience Research</i> , 2005, 53, 265-270.	1.0	123
8	Neurophysiological correlates of sleepiness: A combined TMS and EEG study. <i>NeuroImage</i> , 2007, 36, 1277-1287.	2.1	114
9	Mobile phone emissions and human brain excitability. <i>Annals of Neurology</i> , 2006, 60, 188-196.	2.8	110
10	The effects of sleep and sleep deprivation on task-switching performance. <i>Journal of Sleep Research</i> , 2010, 19, 64-70.	1.7	107
11	Neurophysiological effects of mobile phone electromagnetic fields on humans: A comprehensive review. <i>Bioelectromagnetics</i> , 2007, 28, 415-432.	0.9	101
12	Modulation of corticospinal excitability by paired associative stimulation: Reproducibility of effects and intraindividual reliability. <i>Clinical Neurophysiology</i> , 2006, 117, 2667-2674.	0.7	99
13	Changes in fronto-posterior functional coupling at sleep onset in humans. <i>Journal of Sleep Research</i> , 2004, 13, 209-217.	1.7	93
14	Sleepiness: evaluating and quantifying methods. <i>International Journal of Psychophysiology</i> , 2001, 41, 251-263.	0.5	90
15	Handedness is mainly associated with an asymmetry of corticospinal excitability and not of transcallosal inhibition. <i>Clinical Neurophysiology</i> , 2004, 115, 1305-1312.	0.7	90
16	Paradoxes of the first-night effect: a quantitative analysis of antero-posterior EEG topography. <i>Clinical Neurophysiology</i> , 2004, 115, 1178-1188.	0.7	88
17	The effects of sleep deprivation in humans: topographical electroencephalogram changes in non-rapid eye movement (NREM) sleep versus REM sleep. <i>Journal of Sleep Research</i> , 2010, 19, 260-268.	1.7	83
18	Regional Differences of the Human Sleep Electroencephalogram in Response to Selective Slow-wave Sleep Deprivation. <i>Cerebral Cortex</i> , 2002, 12, 737-748.	1.6	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. <i>Physiology and Behavior</i> , 2001, 74, 197-204.	1.0	74
20	Mobile phone emission modulates interhemispheric functional coupling of EEG alpha rhythms. <i>European Journal of Neuroscience</i> , 2007, 25, 1908-1913.	1.2	72
21	Sleep to find your way: The role of sleep in the consolidation of memory for navigation in humans. <i>Hippocampus</i> , 2008, 18, 844-851.	0.9	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. <i>Ergonomics</i> , 1997, 40, 613-630.	1.1	69
23	Antero-posterior functional coupling at sleep onset: changes as a function of increased sleep pressure. <i>Brain Research Bulletin</i> , 2005, 65, 133-140.	1.4	69
24	Mobile phone emission modulates inter-hemispheric functional coupling of EEG alpha rhythms in elderly compared to young subjects. <i>Clinical Neurophysiology</i> , 2010, 121, 163-171.	0.7	67
25	Amygdala and hippocampus volumetry and diffusivity in relation to dreaming. <i>Human Brain Mapping</i> , 2011, 32, 1458-1470.	1.9	67
26	Cognitive Impairment in Relapsing-Remitting Multiple Sclerosis Patients with Very Mild Clinical Disability. <i>Behavioural Neurology</i> , 2017, 2017, 1-10.	1.1	67
27	Resilience and psychological impact on Italian university students during COVID-19 pandemic. Distance learning and health. <i>Psychology, Health and Medicine</i> , 2022, 27, 69-80.	1.3	66
28	Alpha and beta EEG power reflects L-dopa acute administration in parkinsonian patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 302.	1.7	62
29	Cortical Brain Connectivity Evaluated by Graph Theory in Dementia: A Correlation Study Between Functional and Structural Data. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 745-756.	1.2	60
30	Sleep in the Human Hippocampus: A Stereo-EEG Study. <i>PLoS ONE</i> , 2007, 2, e867.	1.1	60
31	Callosal effects of transcranial magnetic stimulation (TMS): the influence of gender and stimulus parameters. <i>Neuroscience Research</i> , 2004, 48, 129-137.	1.0	59
32	What matters is when you play: Investigating the relationship between online video games addiction and time spent playing over specific day phases. <i>Addictive Behaviors Reports</i> , 2018, 8, 185-188.	1.0	59
33	The relationship between alexithymia, depression, and sleep complaints. <i>Psychiatry Research</i> , 2004, 128, 253-258.	1.7	58
34	The electroencephalographic substratum of the awakening. <i>Behavioural Brain Research</i> , 2006, 167, 237-244.	1.2	58
35	Long-Term Impact of Earthquakes on Sleep Quality. <i>PLoS ONE</i> , 2013, 8, e55936.	1.1	58
36	Environmental Factors Promoting Neural Plasticity: Insights from Animal and Human Studies. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	1.0	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. <i>Sleep Science</i> , 2018, 11, 302-314.	0.4	55
38	Slow Eye Movements and Subjective Estimates of Sleepiness Predict EEG Power Changes During Sleep Deprivation. <i>Sleep</i> , 2007, 30, 610-616.	0.6	54
39	Cortical connectivity in fronto-temporal focal epilepsy from EEG analysis: A study via graph theory. <i>Clinical Neurophysiology</i> , 2015, 126, 1108-1116.	0.7	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. <i>Journal of Medical Screening</i> , 2013, 20, 220-226.	1.1	32
56	Spinocerebellar ataxia: a critical review of cognitive and socio-cognitive deficits. <i>International Journal of Neuroscience</i> , 2018, 128, 182-191.	0.8	31
57	Recovery sleep after sleep deprivation almost completely abolishes dream recall. <i>Behavioural Brain Research</i> , 2010, 206, 293-298.	1.2	30
58	Interhemispheric Transfer Deficit in Alexithymia: A Transcranial Magnetic Stimulation Study. <i>Psychotherapy and Psychosomatics</i> , 2008, 77, 175-181.	4.0	27
59	Psychomotor performance is not influenced by brief repeated exposures to mobile phones. <i>Bioelectromagnetics</i> , 2008, 29, 237-241.	0.9	25
60	Cortical EEG topography of REM onset: the posterior dominance of middle and high frequencies. <i>Clinical Neurophysiology</i> , 2002, 113, 561-570.	0.7	23
61	Can an inert sleeping pill affect sleep? Effects on polysomnographic, behavioral and subjective measures. <i>Psychopharmacology</i> , 2005, 181, 761-770.	1.5	23
62	Reduction of Transcallosal Inhibition upon Awakening from REM Sleep in Humans as Assessed by Transcranial Magnetic Stimulation. <i>Sleep</i> , 2004, 27, 875-882.	0.6	22
63	Corticospinal excitability and sleep: a motor threshold assessment by transcranial magnetic stimulation after awakenings from REM and NREM sleep. <i>Journal of Sleep Research</i> , 2004, 13, 31-36.	1.7	22
64	Interhemispheric asymmetry of human sleep EEG in response to selective slow-wave sleep deprivation. <i>Behavioral Neuroscience</i> , 2002, 116, 976-81.	0.6	21
65	Regional differences of the temporal EEG dynamics during the first 30 min of human sleep. <i>Neuroscience Research</i> , 2002, 44, 83-89.	1.0	20
66	Acute Mobile Phones Exposure Affects Frontal Cortex Hemodynamics as Evidenced by Functional Near-Infrared Spectroscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 903-910.	2.4	20
67	Counterfactual thinking in moral judgment: an experimental study. <i>Frontiers in Psychology</i> , 2014, 5, 451.	1.1	20
68	Interpersonal Forgiveness and Adolescent Depression. The Mediation Role of Self-reassurance and Self-criticism. <i>Journal of Child and Family Studies</i> , 2020, 29, 462-470.	0.7	19
69	Effects of mobile phone signals over BOLD response while performing a cognitive task. <i>Clinical Neurophysiology</i> , 2012, 123, 129-136.	0.7	18
70	Pathologic Use of Video Games and Motivation: Can the Gaming Motivation Scale (GAMS) Predict Depression and Trait Anxiety?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1008.	1.2	18
71	Auditory evoked responses upon awakening from sleep in human subjects. <i>Neuroscience Letters</i> , 2001, 310, 145-148.	1.0	17
72	Topographical changes in N1-P2 amplitude upon awakening from recovery sleep after slow-wave sleep deprivation. <i>Clinical Neurophysiology</i> , 2002, 113, 1183-1190.	0.7	17

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73	Intracortical inhibition and facilitation upon awakening from different sleep stages: a transcranial magnetic stimulation study. <i>European Journal of Neuroscience</i> , 2004, 19, 3099-3104.	1.2	17
74	Post-earthquake Distress and Development of Emotional Expertise in Young Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 91.	1.0	17
75	Directional Information Flows between Brain Hemispheres during Presleep Wake and Early Sleep Stages. <i>Cerebral Cortex</i> , 2007, 17, 1970-1978.	1.6	16
76	Relationship among Diffusion Tensor Imaging, EEG Activity, and Cognitive Status in Mild Cognitive Impairment and Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 939-950.	1.2	16
77	Emotional processing in RRMS patients: Dissociation between behavioural and neurophysiological response. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 344-349.	0.9	16
78	Cold LED lighting affects visual but not acoustic vigilance. <i>Building and Environment</i> , 2019, 151, 148-155.	3.0	16
79	Executive functioning in relapsing-remitting multiple sclerosis patients without cognitive impairment: A task-switching protocol. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1328-1336.	1.4	15
80	Task-switching abilities in pre-manifest Huntington's disease subjects. <i>Parkinsonism and Related Disorders</i> , 2019, 60, 111-117.	1.1	15
81	A Questionnaire for the Assessment of Violent Behaviors in Young Couples: The Italian Version of Dating Violence Questionnaire (DVQ). <i>PLoS ONE</i> , 2015, 10, e0126089.	1.1	14
82	Functional Role of Internal and External Visual Imagery: Preliminary Evidences from Pilates. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	1.0	14
83	The Development of Spatial Memory Analyzed by Means of Ecological Walking Task. <i>Frontiers in Psychology</i> , 2019, 10, 728.	1.1	14
84	Directional information flows between brain hemispheres across waking, non-REM and REM sleep states: An EEG study. <i>Brain Research Bulletin</i> , 2009, 78, 270-275.	1.4	13
85	Electromagnetic fields and EEG spiking rate in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2015, 126, 659-666.	0.7	13
86	A night of sleep deprivation alters brain connectivity and affects specific executive functions. <i>Neurological Sciences</i> , 2022, 43, 1025-1034.	0.9	13
87	Are polysomnographic measures of sleep correlated to alexithymia?. <i>Journal of Psychosomatic Research</i> , 2002, 53, 1091-1095.	1.2	12
88	Cognitive and behavioral associated changes in manifest Huntington disease: A retrospective cross-sectional study. <i>Brain and Behavior</i> , 2021, 11, e02151.	1.0	12
89	Heritability of Intracortical Inhibition and Facilitation. <i>Journal of Neuroscience</i> , 2009, 29, 8897-8900.	1.7	11
90	Republished review: Systematic review and meta-analysis of psychomotor effects of mobile phone electromagnetic fields. <i>Postgraduate Medical Journal</i> , 2011, 87, 643-651.	0.9	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. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 571035.	1.0	10
93	Clinical application of mindfulness-oriented meditation in children with ADHD: a preliminary study on sleep and behavioral problems. <i>Psychology and Health</i> , 2021, , 1-17.	1.2	10
94	Assessing nighttime vigilance through a three-letter cancellation task (3-LCT) effects of daytime sleep with temazepam or placebo. <i>Physiology and Behavior</i> , 1999, 68, 251-256.	1.0	9
95	Exposure to Mobile Phone-Emitted Electromagnetic Fields and Human Attention: No Evidence of a Causal Relationship. <i>Frontiers in Public Health</i> , 2018, 6, 42.	1.3	8
96	Sleep Quality and Psychological Status in a Group of Italian Prisoners. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4224.	1.2	8
97	Neural Correlates of Facial Expression Recognition in Earthquake Witnesses. <i>Frontiers in Neuroscience</i> , 2019, 13, 1038.	1.4	7
98	Major Stress-Related Symptoms During the Lockdown: A Study by the Italian Society of Psychophysiology and Cognitive Neuroscience. <i>Frontiers in Public Health</i> , 2021, 9, 636089.	1.3	7
99	Cognitive Reserve in Early Manifest Huntington Disease Patients: Leisure Time Is Associated with Lower Cognitive and Functional Impairment. <i>Journal of Personalized Medicine</i> , 2022, 12, 36.	1.1	7
100	Psychopathological profile of medication overuse headache patients, drug assumption and degree of disability. <i>Neurological Sciences</i> , 2018, 39, 169-170.	0.9	5
101	Striatal dynamics as determinants of reduced gambling vulnerability in the NHE rat model of ADHD. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109886.	2.5	5
102	Altering the development of the dopaminergic system through social play in rats: Implications for anxiety, depression, hyperactivity, and compulsivity. <i>Neuroscience Letters</i> , 2021, 760, 136090.	1.0	5
103	Moral Judgment and Empathic/Deontological Guilt. <i>Psychological Reports</i> , 2019, 122, 1395-1411.	0.9	4
104	A new paradigm for Prosocial Behavior and Reciprocity, assessed in WT and HET rats for the DAT gene. <i>Behavioural Brain Research</i> , 2020, 393, 112746.	1.2	4
105	Resilience in women with primary Sjögren's syndrome. <i>Rheumatology International</i> , 2021, 41, 1987-1994.	1.5	4
106	Clinical Neurophysiology in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-2.	1.1	3
107	Unilateral cortical hyperexcitability in congenital hydrocephalus: A TMS study. <i>Neurocase</i> , 2014, 20, 456-465.	0.2	3
108	Safer Attitude to Risky Decision-Making in Premanifest Huntington's Disease Subjects. <i>Frontiers in Psychology</i> , 2019, 10, 846.	1.1	3

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109	Moral Judgement along the Academic Training. International Journal of Environmental Research and Public Health, 2022, 19, 10.	1.2	3
110	Ageing and Neurodegenerative Disorders. Behavioural Neurology, 2015, 2015, 1-2.	1.1	2
111	Validity of the Italian multiple sclerosis neuropsychological screening questionnaire. Neurological Sciences, 2021, 42, 4583-4589.	0.9	2
112	“Himalayan Bridge” A New Unstable Suspended Bridge to Investigate Rodents' Venturesome Behavior. Frontiers in Behavioral Neuroscience, 2021, 15, 637074.	1.0	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 Biótica: Revista Oficial De La Asociación Española De Biótica Y Ética Médica, 2016, 27, 163-73.	0.1	2
115	P17-19 Mobile phone emissions and brain excitability in Alzheimer disease. Clinical Neurophysiology, 2010, 121, S207.	0.7	1
116	Children's taste perception and cognitive development. International Journal of Obesity, 2012, 36, 84-84.	1.6	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.	0.2	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.	0.9	1
121	The presence of a potential competitor modulates risk preferences in rats. Behavioural Processes, 2022, 196, 104602.	0.5	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.	1.2	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.	0.9	0
124	F34“...Game of dice task performance in premanifest huntington“™s disease subjects. , 2018, , .		0
125	F19“...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, .	0.0	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 huntingtonâ€™s disease subjects. , 2018, , .		0
130	THU0266â€...RESILIENCE IN WOMEN WITH PRIMARY SJÃ–GRENâ€™S SYNDROME. Annals of the Rheumatic Diseases, 2020, 79, 360.2-360.	0.5	0