

Luigi De Gennaro

List of Publications by Year in descending order

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Version: 2024-02-01

233
papers

15,853
citations

28274
55
h-index

40979
93
g-index

241
all docs

241
docs citations

241
times ranked

20154
citing authors

#	ARTICLE	IF	CITATIONS
1	Dreams enactment behaviours during the COVID-19 pandemic: an international COVID-19 sleep study. Journal of Sleep Research, 2023, 32, .	3.2	10
2	The impact of the end of COVID confinement on pandemic dreams, as assessed by a weekly sleep diary: a longitudinal investigation in Italy. Journal of Sleep Research, 2022, 31, e13429.	3.2	27
3	Evening-types show highest increase of sleep and mental health problems during the COVID-19 pandemic” multinational study on 19 267 adults. Sleep, 2022, 45, .	1.1	42
4	Functional connectivity changes in insomnia disorder: A systematic review. Sleep Medicine Reviews, 2022, 61, 101569.	8.5	36
5	Rethinking the Body in the Brain after Spinal Cord Injury. Journal of Clinical Medicine, 2022, 11, 388.	2.4	14
6	Nightmares in People with COVID-19: Did Coronavirus Infect Our Dreams?. Nature and Science of Sleep, 2022, Volume 14, 93-108.	2.7	25
7	Disturbances in sleep, circadian rhythms and daytime functioning in relation to coronavirus infection and Long COVID “ A multinational ICOSS study. Journal of Sleep Research, 2022, 31, e13542.	3.2	21
8	Editorial: Psychological Sleep Studies: New Insights to Support and Integrate Clinical Practice Within the Healthcare System. Frontiers in Psychology, 2022, 13, 857433.	2.1	1
9	The Oneiric Activity during and after the COVID-19 Total Lockdown in Italy: A Longitudinal Study. International Journal of Environmental Research and Public Health, 2022, 19, 3857.	2.6	5
10	Exoskeletons for Mobility after Spinal Cord Injury: A Personalized Embodied Approach. Journal of Personalized Medicine, 2022, 12, 380.	2.5	8
11	Sleep talking versus sleep moaning: electrophysiological patterns preceding linguistic vocalizations during sleep. Sleep, 2022, 45, .	1.1	3
12	What about dreams? State of the art and open questions. Journal of Sleep Research, 2022, 31, .	3.2	16
13	Dreaming during the COVID-19 pandemic: A narrative review. Neuroscience and Biobehavioral Reviews, 2022, 138, 104710.	6.1	6
14	The brain network organization during sleep onset after deprivation. Clinical Neurophysiology, 2021, 132, 36-44.	1.5	13
15	Sleep-Related Declarative Memory Consolidation in Children and Adolescents with Developmental Dyslexia. Brain Sciences, 2021, 11, 73.	2.3	6
16	Investigation on Neurobiological Mechanisms of Dreaming in the New Decade. Brain Sciences, 2021, 11, 220.	2.3	11
17	Sleep in the Aging Brain. Brain Sciences, 2021, 11, 229.	2.3	0
18	The distinctive sleep pattern of the human calcarine cortex: a stereo-electroencephalographic study. Sleep, 2021, 44, .	1.1	5

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19	Go Virtual to Get Real: Virtual Reality as a Resource for Spinal Cord Treatment. International Journal of Environmental Research and Public Health, 2021, 18, 1819.	2.6	16
20	Pandemic nightmares: Effects on dream activity of the COVID-19 lockdown in Italy. Journal of Sleep Research, 2021, 30, e13300.	3.2	64
21	Sleep-Related Problems in Night Shift Nurses: Towards an Individualized Interventional Practice. Frontiers in Human Neuroscience, 2021, 15, 644570.	2.0	28
22	The effect of 5 nights of sleep restriction on empathic propensity. Journal of Sleep Research, 2021, 30, e13325.	3.2	7
23	EEG alterations during wake and sleep in mild cognitive impairment and Alzheimer's disease. IScience, 2021, 24, 102386.	4.1	34
24	The association between high risk of sleep apnea, comorbidities, and risk of COVID-19: a population-based international harmonized study. Sleep and Breathing, 2021, 25, 849-860.	1.7	37
25	Sleep-Based Interventions in Alzheimer's Disease: Promising Approaches from Prevention to Treatment along the Disease Trajectory. Pharmaceuticals, 2021, 14, 383.	3.8	17
26	Dream Activity in Narcoleptic Patients During the COVID-19 Lockdown in Italy. Frontiers in Psychology, 2021, 12, 681569.	2.1	9
27	Pandemic dreams: quantitative and qualitative features of the oneiric activity during the lockdown due to COVID-19 in Italy. Sleep Medicine, 2021, 81, 20-32.	1.6	51
28	COVID-19 lockdown and poor sleep quality: Not the whole story. Journal of Sleep Research, 2021, 30, e13368.	3.2	49
29	EEG Patterns Prior to Motor Activations of Parasomnias: A Systematic Review. Nature and Science of Sleep, 2021, Volume 13, 713-728.	2.7	17
30	“Stay at Home” in Italy during the COVID-19 Outbreak: A Longitudinal Study on Individual Well-Being among Different Age Groups. Brain Sciences, 2021, 11, 993.	2.3	24
31	Age-Related Effect of Sleepiness on Driving Performance: A Systematic-Review. Brain Sciences, 2021, 11, 1090.	2.3	6
32	The State of Art on Co-Morbid Insomnia and Sleep Apnea (COMISA). Brain Sciences, 2021, 11, 1079.	2.3	2
33	Relationship between Cortical Thickness and EEG Alterations during Sleep in the Alzheimer's Disease. Brain Sciences, 2021, 11, 1174.	2.3	3
34	The Regional EEG Pattern of the Sleep Onset Process in Older Adults. Brain Sciences, 2021, 11, 1261.	2.3	1
35	How our Dreams Changed During the COVID-19 Pandemic: Effects and Correlates of Dream Recall Frequency - a Multinational Study on 19,355 Adults. Nature and Science of Sleep, 2021, Volume 13, 1573-1591.	2.7	30
36	Changes in sleep pattern and dream activity across and after the COVID-19 lockdown in Italy: A longitudinal observational study. Journal of Sleep Research, 2021, , e13500.	3.2	15

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37	Insomnia, anxiety, and depression during the COVID-19 pandemic: an international collaborative study. <i>Sleep Medicine</i> , 2021, 87, 38-45.	1.6	177
38	Electroencephalographic and Neurophysiological Changes. , 2021, , .		1
39	Pre-sleep arousal and sleep quality during the COVID-19 lockdown in Italy. <i>Sleep Medicine</i> , 2021, 88, 46-57.	1.6	19
40	Dreams and Nightmares during the First and Second Wave of the COVID-19 Infection: A Longitudinal Study. <i>Brain Sciences</i> , 2021, 11, 1375.	2.3	15
41	Social Jetlag Changes During the COVID-19 Pandemic as a Predictor of Insomnia – A Multi-National Survey Study. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1711-1722.	2.7	21
42	Exploring the functional role and neural correlates of K-complexes in isolated rapid eye movement sleep behavior disorder. <i>Cortex</i> , 2021, 145, 105-114.	2.4	4
43	Comparison of Sleep and Attention Metrics Among Nurses Working Shifts on a Forward- vs Backward-Rotating Schedule. <i>JAMA Network Open</i> , 2021, 4, e2129906.	5.9	13
44	Neurobiology of Dreams. , 2021, , 57-79.		0
45	Persistence of the Effects of the COVID-19 Lockdown on Sleep: A Longitudinal Study. <i>Brain Sciences</i> , 2021, 11, 1520.	2.3	14
46	Sleep and daytime problems during the COVID-19 pandemic and effects of coronavirus infection, confinement and financial suffering: a multinational survey using a harmonised questionnaire. <i>BMJ Open</i> , 2021, 11, e050672.	1.9	41
47	Sleep electroencephalography and brain maturation: developmental trajectories and the relation with cognitive functioning. <i>Sleep Medicine</i> , 2020, 66, 33-50.	1.6	49
48	Sleep EEG oscillations in neurodevelopmental disorders without intellectual disabilities. <i>Sleep Medicine Reviews</i> , 2020, 49, 101224.	8.5	35
49	Nurses and Night Shifts: Poor Sleep Quality Exacerbates Psychomotor Performance. <i>Frontiers in Neuroscience</i> , 2020, 14, 579938.	2.8	34
50	<p>Electrophysiological Correlates of Dream Recall During REM Sleep: Evidence from Multiple Awakenings and Within-Subjects Design</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 1043-1052.	2.7	11
51	Poor Sleep Quality and Its Consequences on Mental Health During the COVID-19 Lockdown in Italy. <i>Frontiers in Psychology</i> , 2020, 11, 574475.	2.1	159
52	Sleep in Isolated, Confined, and Extreme (ICE): A Review on the Different Factors Affecting Human Sleep in ICE. <i>Frontiers in Neuroscience</i> , 2020, 14, 851.	2.8	20
53	<p>The Association Between School Start Time and Sleep Duration, Sustained Attention, and Academic Performance</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 1161-1172.	2.7	28
54	Boosting Slow Oscillations during Sleep to Improve Memory Function in Elderly People: A Review of the Literature. <i>Brain Sciences</i> , 2020, 10, 300.	2.3	20

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55	<p>Effects of Total and Partial Sleep Deprivation on Reflection Impulsivity and Risk-Taking in Deliberative Decision-Making</p>. Nature and Science of Sleep, 2020, Volume 12, 309-324.	2.7	28
56	The Influence of Sleep Quality, Vigilance, and Sleepiness on Driving-Related Cognitive Abilities: A Comparison between Young and Older Adults. Brain Sciences, 2020, 10, 327.	2.3	17
57	Dream Recall upon Awakening from Non-Rapid Eye Movement Sleep in Older Adults: Electrophysiological Pattern and Qualitative Features. Brain Sciences, 2020, 10, 343.	2.3	16
58	Subclinical epileptiform activity during sleep in Alzheimer's disease and mild cognitive impairment. Clinical Neurophysiology, 2020, 131, 1011-1018.	1.5	30
59	The electroencephalographic features of the sleep onset process and their experimental manipulation with sleep deprivation and transcranial electrical stimulation protocols. Neuroscience and Biobehavioral Reviews, 2020, 114, 25-37.	6.1	16
60	The impact of five nights of sleep restriction on emotional reactivity. Journal of Sleep Research, 2020, 29, e13022.	3.2	23
61	Later School Start Time: The Impact of Sleep on Academic Performance and Health in the Adolescent Population. International Journal of Environmental Research and Public Health, 2020, 17, 2574.	2.6	52
62	Insights from human sleep research on neural mechanisms of Alzheimerâ€™s disease. Neural Regeneration Research, 2020, 15, 1251.	3.0	7
63	Spatiotemporal Dynamics of Sleep Spindle Sources Across NREM Sleep Cycles. Frontiers in Neuroscience, 2019, 13, 727.	2.8	16
64	Sleep and Î²-Amyloid Deposition in Alzheimer Disease: Insights on Mechanisms and Possible Innovative Treatments. Frontiers in Pharmacology, 2019, 10, 695.	3.5	85
65	Oscillatory EEG Activity During REM Sleep in Elderly People Predicts Subsequent Dream Recall After Awakenings. Frontiers in Neurology, 2019, 10, 985.	2.4	13
66	Advances in Understanding the Relationship between Sleep and Attention Deficit-Hyperactivity Disorder (ADHD). Journal of Clinical Medicine, 2019, 8, 1737.	2.4	22
67	Cued Memory Reactivation during Motor Imagery Practice Influences Early Improvement of Procedural Skill Learning. Neuroscience, 2019, 418, 244-253.	2.3	4
68	A Correlational Analysis of the Relationships among Intolerance of Uncertainty, Anxiety Sensitivity, Subjective Sleep Quality, and Insomnia Symptoms. International Journal of Environmental Research and Public Health, 2019, 16, 3253.	2.6	34
69	Mental Sleep Activity and Disturbing Dreams in the Lifespan. International Journal of Environmental Research and Public Health, 2019, 16, 3658.	2.6	27
70	Not only a Problem of Fatigue and Sleepiness: Changes in Psychomotor Performance in Italian Nurses across 8-h Rapidly Rotating Shifts. Journal of Clinical Medicine, 2019, 8, 47.	2.4	31
71	Timing and Topography of Sleep Onset: Asynchronies and Regional Changes of Brain Activity. Handbook of Behavioral Neuroscience, 2019, 30, 19-31.	0.7	4
72	Structural and Functional Differences in Brain Mechanisms of Dream Recall. Handbook of Behavioral Neuroscience, 2019, , 269-281.	0.7	5

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73	The Functional Role of Dreaming in Emotional Processes. <i>Frontiers in Psychology</i> , 2019, 10, 459.	2.1	73
74	The heritability of the human K-complex: a twin study. <i>Sleep</i> , 2019, 42, .	1.1	15
75	The Spatiotemporal Pattern of the Human Electroencephalogram at Sleep Onset After a Period of Prolonged Wakefulness. <i>Frontiers in Neuroscience</i> , 2019, 13, 312.	2.8	15
76	Cortical activation during sleep predicts dream experience in narcolepsy. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 445-455.	3.7	19
77	The Role of Sleep in Emotional Processing. , 2019, , 125-170.		1
78	Disconnected Body Representation: Neuroplasticity Following Spinal Cord Injury. <i>Journal of Clinical Medicine</i> , 2019, 8, 2144.	2.4	32
79	<p>Bilateral Theta Transcranial Alternating Current Stimulation (tACS) Modulates EEG Activity: When tACS Works Awake It Also Works Asleep</p>. <i>Nature and Science of Sleep</i> , 2019, Volume 11, 343-356.	2.7	19
80	Sleep talking: A viable access to mental processes during sleep. <i>Sleep Medicine Reviews</i> , 2019, 44, 12-22.	8.5	20
81	The role of sleep in aesthetic perception and empathy: A mediation analysis. <i>Journal of Sleep Research</i> , 2019, 28, e12664.	3.2	9
82	Infodemiological patterns in searching medication errors: relationship with risk management and shift work. <i>European Review for Medical and Pharmacological Sciences</i> , 2019, 23, 5522-5529.	0.7	15
83	Sleep and emotional processing. <i>Sleep Medicine Reviews</i> , 2018, 40, 183-195.	8.5	245
84	Different maturational changes of fast and slow sleep spindles in the first four years of life. <i>Sleep Medicine</i> , 2018, 42, 73-82.	1.6	44
85	Narcolepsy and emotional experience: a review of the literature. <i>Behavioral and Brain Functions</i> , 2018, 14, 19.	3.3	27
86	The Efficacy of Transcranial Current Stimulation Techniques to Modulate Resting-State EEG, to Affect Vigilance and to Promote Sleepiness. <i>Brain Sciences</i> , 2018, 8, 137.	2.3	38
87	Spotlight on dream recall: the ages of dreams. <i>Nature and Science of Sleep</i> , 2018, Volume 10, 1-12.	2.7	31
88	The Fall of Sleep K-Complex in Alzheimer Disease. <i>Scientific Reports</i> , 2017, 7, 39688.	3.3	80
89	Predicting Dream Recall: EEG Activation During NREM Sleep or Shared Mechanisms with Wakefulness?. <i>Brain Topography</i> , 2017, 30, 629-638.	1.8	44
90	Use of varenicline in smokeless tobacco cessation influences sleep quality and dream recall frequency but not dream affect. <i>Sleep Medicine</i> , 2017, 30, 1-6.	1.6	21

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91	Cortical connectivity modulation during sleep onset: A study via graph theory on EEG data. Human Brain Mapping, 2017, 38, 5456-5464.	3.6	48
92	The effect of sleep deprivation on retrieval of emotional memory: a behavioural study using film stimuli. Experimental Brain Research, 2017, 235, 3059-3067.	1.5	20
93	Bilateral 5â€‰Hz transcranial alternating current stimulation on fronto-temporal areas modulates resting-state EEG. Scientific Reports, 2017, 7, 15672.	3.3	26
94	Beyond the neuropsychology of dreaming: Insights into the neural basis of dreaming with new techniques of sleep recording and analysis. Sleep Medicine Reviews, 2017, 35, 8-20.	8.5	55
95	In Search of Sleep Biomarkers of Alzheimerâ€™s Disease: K-Complexes Do Not Discriminate between Patients with Mild Cognitive Impairment and Healthy Controls. Brain Sciences, 2017, 7, 51.	2.3	37
96	Enhancing Human Cognition with Cocoa Flavonoids. Frontiers in Nutrition, 2017, 4, 19.	3.7	104
97	Brain Correlates of Successful Dream Recall. , 2017, , 523-528.e4.		2
98	L'attività elettrica cerebrale (EEG) predice la presenza del ricordo dei sogni?. Rivista Sperimentale Di Freniatria, 2017, , 79-99.	0.1	0
99	Parietal Fast Sleep Spindle Density Decrease in Alzheimerâ€™s Disease and Amnesic Mild Cognitive Impairment. Neural Plasticity, 2016, 2016, 1-10.	2.2	117
100	Dopaminergic system and dream recall: An MRI study in Parkinson's disease patients. Human Brain Mapping, 2016, 37, 1136-1147.	3.6	36
101	Activation of the motor cortex during phasic rapid eye movement sleep. Annals of Neurology, 2016, 79, 326-330.	5.3	63
102	Flavanol-rich chocolate acutely improves arterial function and working memory performance counteracting the effects of sleep deprivation in healthy individuals. Journal of Hypertension, 2016, 34, 1298-1308.	0.5	47
103	Mapping changes in cortical activity during sleep in the first 4Â½years of life. Journal of Sleep Research, 2016, 25, 381-389.	3.2	28
104	Do exoskeletons dream of plastic sleep?. Physics of Life Reviews, 2016, 16, 178-180.	2.8	1
105	The effect of sleep deprivation on the encoding of contextual and non-contextual aspects of emotional memory. Neurobiology of Learning and Memory, 2016, 131, 9-17.	1.9	22
106	Electrical stimulation of the frontal cortex enhances slow-frequency EEG activity and sleepiness. Neuroscience, 2016, 324, 119-130.	2.3	37
107	Poor sleep quality influences emotional evaluations even after controlling for depression. Sleep Medicine, 2016, 22, 101.	1.6	2
108	EEG oscillations during sleep and dream recall: state- or trait-like individual differences?. Frontiers in Psychology, 2015, 6, 605.	2.1	34

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109	State- or trait-like individual differences in dream recall: preliminary findings from a within-subjects study of multiple nap REM sleep awakenings. <i>Frontiers in Psychology</i> , 2015, 6, 928.	2.1	32
110	Gender Differences in Sleep Deprivation Effects on Risk and Inequality Aversion: Evidence from an Economic Experiment. <i>PLoS ONE</i> , 2015, 10, e0120029.	2.5	38
111	EEG topography during sleep inertia upon awakening after a period of increased homeostatic sleep pressure. <i>Sleep Medicine</i> , 2015, 16, 883-890.	1.6	25
112	Emotional memory processing is influenced by sleep quality. <i>Sleep Medicine</i> , 2015, 16, 862-870.	1.6	64
113	Frequency-dependent effects of oscillatory-tDCS on egg oscillations: a study with better oscillation detection method (BOSC). <i>Archives Italiennes De Biologie</i> , 2015, 153, 124-34.	0.4	9
114	The assessment of somatosensory cortex plasticity during sleep deprivation by paired associative stimulation. <i>Archives Italiennes De Biologie</i> , 2015, 153, 110-23.	0.4	4
115	Hippocampal slow EEG frequencies during NREM sleep are involved in spatial memory consolidation in humans. <i>Hippocampus</i> , 2014, 24, 1157-1168.	1.9	20
116	Emotional working memory during sustained wakefulness. <i>Journal of Sleep Research</i> , 2014, 23, 646-656.	3.2	14
117	Hippocampal sleep spindles preceding neocortical sleep onset in humans. <i>NeuroImage</i> , 2014, 86, 425-432.	4.2	92
118	Topographic electroencephalogram changes associated with psychomotor vigilance task performance after sleep deprivation. <i>Sleep Medicine</i> , 2014, 15, 1132-1139.	1.6	59
119	Sleep Deprivation Affects Somatosensory Cortex Excitability as Tested Through Median Nerve Stimulation. <i>Brain Stimulation</i> , 2014, 7, 732-739.	1.6	11
120	Climate Change 2013 "The Physical Science Basis. , 2014, , .		4,236
121	Long-Term Impact of Earthquakes on Sleep Quality. <i>PLoS ONE</i> , 2013, 8, e55936.	2.5	58
122	How we fall asleep: regional and temporal differences in electroencephalographic synchronization at sleep onset. <i>Sleep Medicine</i> , 2013, 14, 1112-1122.	1.6	92
123	Validity of the Italian Version of the Pittsburgh Sleep Quality Index (PSQI). <i>Neurological Sciences</i> , 2013, 34, 511-519.	1.9	406
124	Can taking a nap during a night shift counteract the impairment of executive skills in residents?. <i>Medical Education</i> , 2013, 47, 1013-1021.	2.1	19
125	Dorsolateral prefrontal transcranial magnetic stimulation in patients with major depression locally affects alpha power of REM sleep. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 433.	2.0	38
126	Is Sleep Essential for Neural Plasticity in Humans, and How Does It Affect Motor and Cognitive Recovery?. <i>Neural Plasticity</i> , 2013, 2013, 1-13.	2.2	49

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127	Local aspects of sleep. Progress in Brain Research, 2012, 199, 219-232.	1.4	87
128	How we remember the stuff that dreams are made of: Neurobiological approaches to the brain mechanisms of dream recall. Behavioural Brain Research, 2012, 226, 592-596.	2.2	41
129	Slow EEG rhythms and inter-hemispheric synchronization across sleep and wakefulness in the human hippocampus. NeuroImage, 2012, 60, 497-504.	4.2	52
130	The impact of one night of sleep deprivation on moral judgments. Social Neuroscience, 2012, 7, 292-300.	1.3	27
131	Hippocampal Sleep Features: Relations to Human Memory Function. Frontiers in Neurology, 2012, 3, 57.	2.4	31
132	A specific deficit in spatial memory acquisition in post-traumatic stress disorder and the role of sleep in its consolidation. Hippocampus, 2012, 22, 1154-1163.	1.9	36
133	Dissociated wake-like and sleep-like electro-cortical activity during sleep. NeuroImage, 2011, 58, 612-619.	4.2	139
134	Recalling and Forgetting Dreams: Theta and Alpha Oscillations during Sleep Predict Subsequent Dream Recall. Journal of Neuroscience, 2011, 31, 6674-6683.	3.6	117
135	Electroencephalographic sleep inertia of the awakening brain. Neuroscience, 2011, 176, 308-317.	2.3	71
136	Sleep deprivation suppresses the increase of rapid eye movement density across sleep cycles. Journal of Sleep Research, 2011, 20, 386-394.	3.2	18
137	Amygdala and hippocampus volumetry and diffusivity in relation to dreaming. Human Brain Mapping, 2011, 32, 1458-1470.	3.6	67
138	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
139	Going Local: Insights from EEG and Stereo-EEG Studies of the Human Sleep-Wake Cycle. Current Topics in Medicinal Chemistry, 2011, 11, 2423-2437.	2.1	60
140	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
141	The effects of sleep and sleep deprivation on task-switching performance. Journal of Sleep Research, 2010, 19, 64-70.	3.2	107
142	Systematic review and meta-analysis of psychomotor effects of mobile phone electromagnetic fields. Occupational and Environmental Medicine, 2010, 67, 708-716.	2.8	44
143	Lack of sleep affects the evaluation of emotional stimuli. Brain Research Bulletin, 2010, 82, 104-108.	3.0	157
144	Recovery sleep after sleep deprivation almost completely abolishes dream recall. Behavioural Brain Research, 2010, 206, 293-298.	2.2	30

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145	Heritability of Intracortical Inhibition and Facilitation. Journal of Neuroscience, 2009, 29, 8897-8900.	3.6	11
146	Consensus paper: Combining transcranial stimulation with neuroimaging. Brain Stimulation, 2009, 2, 58-80.	1.6	299
147	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
148	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
149	Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired associative stimulation. Neuroscience, 2009, 163, 266-276.	2.3	58
150	Psychiatric Comorbidity in Learning Disorder: Analysis of Family Variables. Child Psychiatry and Human Development, 2008, 39, 101-110.	1.9	33
151	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
152	Psychomotor performance is not influenced by brief repeated exposures to mobile phones. Bioelectromagnetics, 2008, 29, 237-241.	1.6	25
153	The electroencephalographic fingerprint of sleep is genetically determined: A twin study. Annals of Neurology, 2008, 64, 455-460.	5.3	228
154	Procedural learning and sleep hippocampal low frequencies in humans. Neurolmage, 2008, 42, 911-918.	4.2	39
155	Age dependence of primary motor cortex plasticity induced by paired associative stimulation. Clinical Neurophysiology, 2008, 119, 675-682.	1.5	103
156	Interhemispheric Transfer Deficit in Alexithymia: A Transcranial Magnetic Stimulation Study. Psychotherapy and Psychosomatics, 2008, 77, 175-181.	8.8	27
157	Quantitative Electroencephalogram (EEG) in Insomnia: A New Window on Pathophysiological Mechanisms. Current Pharmaceutical Design, 2008, 14, 3446-3455.	1.9	36
158	Editorial [Hot Topic:Neurobiology Wakes Up for Research on Sleep Disorders: An Integration of Basic and Clinical Research(Executive Editor: Luigi De Gennaro)]. Current Pharmaceutical Design, 2008, 14, 3384-3385.	1.9	2
159	Cortical Plasticity Induced by Transcranial Magnetic Stimulation during Wakefulness Affects Electroencephalogram Activity during Sleep. PLoS ONE, 2008, 3, e2483.	2.5	50
160	Directional Information Flows between Brain Hemispheres during Presleep Wake and Early Sleep Stages. Cerebral Cortex, 2007, 17, 1970-1978.	2.9	16
161	Slow Eye Movements and Subjective Estimates of Sleepiness Predict EEG Power Changes During Sleep Deprivation. Sleep, 2007, 30, 610-616.	1.1	54
162	Neurophysiological correlates of sleepiness: A combined TMS and EEG study. Neurolmage, 2007, 36, 1277-1287.	4.2	114

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163	Neurophysiological effects of mobile phone electromagnetic fields on humans: A comprehensive review. <i>Bioelectromagnetics</i> , 2007, 28, 415-432.	1.6	101
164	Sleep in the Human Hippocampus: A Stereo-EEG Study. <i>PLoS ONE</i> , 2007, 2, e867.	2.5	60
165	Modulation of corticospinal excitability by paired associative stimulation: Reproducibility of effects and intraindividual reliability. <i>Clinical Neurophysiology</i> , 2006, 117, 2667-2674.	1.5	99
166	The electroencephalographic substratum of the awakening. <i>Behavioural Brain Research</i> , 2006, 167, 237-244.	2.2	58
167	The role of sleep in the consolidation of route learning in humans: A behavioural study. <i>Brain Research Bulletin</i> , 2006, 71, 4-9.	3.0	45
168	Sleep loss, learning capacity and academic performance. <i>Sleep Medicine Reviews</i> , 2006, 10, 323-337.	8.5	905
169	Mobile phone emissions and human brain excitability. <i>Annals of Neurology</i> , 2006, 60, 188-196.	5.3	110
170	Oculomotor changes are associated to daytime sleepiness in the multiple sleep latency test. <i>Journal of Sleep Research</i> , 2005, 14, 107-112.	3.2	30
171	Can an inert sleeping pill affect sleep? Effects on polysomnographic, behavioral and subjective measures. <i>Psychopharmacology</i> , 2005, 181, 761-770.	3.1	23
172	An electroencephalographic fingerprint of human sleep. <i>NeuroImage</i> , 2005, 26, 114-122.	4.2	217
173	Is the brain influenced by a phone call?. <i>Neuroscience Research</i> , 2005, 53, 265-270.	1.9	123
174	Antero-posterior functional coupling at sleep onset: changes as a function of increased sleep pressure. <i>Brain Research Bulletin</i> , 2005, 65, 133-140.	3.0	69
175	Reduction of Transcallosal Inhibition upon Awakening from REM Sleep in Humans as Assessed by Transcranial Magnetic Stimulation. <i>Sleep</i> , 2004, 27, 875-882.	1.1	22
176	Changes in fronto-posterior functional coupling at sleep onset in humans. <i>Journal of Sleep Research</i> , 2004, 13, 209-217.	3.2	93
177	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.	2.6	17
178	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.	3.2	22
179	The relationship between alexithymia, depression, and sleep complaints. <i>Psychiatry Research</i> , 2004, 128, 253-258.	3.3	58
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