## Cerebral correlates of delta waves during non-REM slee

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Citation Report

#	Article	IF	CITATIONS
1	Functional EEG topography in sleep and waking: State-dependent and state-independent features. NeuroImage, 2006, 32, 283-292.	2.1	114
2	A prominent role for amygdaloid complexes in the Variability in Heart Rate (VHR) during Rapid Eye Movement (REM) sleep relative to wakefulness. NeuroImage, 2006, 32, 1008-1015.	2.1	40
3	Frontal Lobe Metabolic Decreases with Sleep Deprivation not Totally Reversed by Recovery Sleep. Neuropsychopharmacology, 2006, 31, 2783-2792.	2.8	138
4	Cyclic alternating pattern (CAP) alterations in narcolepsy. Sleep Medicine, 2006, 7, 619-626.	0.8	37
5	Nocturnal Hypermotor Seizures, Suggesting Frontal Lobe Epilepsy, Can Originate in the Insula. Epilepsia, 2006, 47, 755-765.	2.6	233
7	Sleep in Major Depression: Relation to Memory Performance and Outcome after Interpersonal Psychotherapy. Neuropsychobiology, 2007, 55, 36-42.	0.9	21
8	Disorders of Arousal From Sleep and Violent Behavior: The Role of Physical Contact and Proximity. Sleep, 2007, 30, 1039-1047.	0.6	100
9	Beyond noise: reply to Laufs et al Brain, 2007, 130, e76-e76.	3.7	2
10	Neuroimaging in sleep medicine. Sleep Medicine, 2007, 8, 349-372.	0.8	112
11	Human Thalamic and Cortical Activities Assessed by Dimension of Activation and Spectral Edge Frequency During Sleep Wake Cycles. Sleep, 2007, 30, 907-912.	0.6	16
12	TNFα siRNA reduces brain TNF and EEG delta wave activity in rats. Brain Research, 2007, 1156, 125-132.	1.1	54
13	Cortical glucose metabolism correlates negatively with deltaâ€slowing and spikeâ€frequency in epilepsy associated with tuberous sclerosis. Human Brain Mapping, 2008, 29, 1255-1264.	1.9	14
14	Effects of fluctuating physiological rhythms during prolonged EEG-fMRI studies. Clinical Neurophysiology, 2008, 119, 2762-2774.	0.7	90
15	Spontaneous neural activity during human slow wave sleep. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15160-15165.	3.3	383
16	Baseline Odor Identification Ability Predicts Degradation of Psychomotor Vigilance During 77 Hours of Sleep Deprivation. International Journal of Neuroscience, 2008, 118, 1207-1225.	0.8	22
17	Effect of Modafinil on Cerebral Blood Flow in Narcolepsy Patients. Sleep, 2008, 31, 868-873.	0.6	25
18	Physiologic Changes in Sleep. , 2009, , 80-104.		0
19	Impact of Alcoholism on Sleep Architecture and EEG Power Spectra in Men and Women. Sleep, 2009, 32, 1341-1352.	0.6	80

		CITATION REP	ORT	
# 20	ARTICLE Neuroimaging in Sleep and Sleep Disorders. , 2009, , 198-217.		IF	CITATIONS
21	Source modeling sleep slow waves. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1608-1613.	1	3.3	400
22	Cortical and subcortical networks in human secondarily generalized tonic–clonic seizures. Brain, 2009, 132, 999-1012.		3.7	277
23	Positron Emission Tomography Correlates of Visually-Scored Electroencephalographic Waveforms During Non-Rapid Eye Movement Sleep. International Journal of Neuroscience, 2009, 119, 2074-20	99.	0.8	7
24	Reduced Sleep Duration or Quality: Relationships With Insulin Resistance and Type 2 Diabetes. Pro in Cardiovascular Diseases, 2009, 51, 381-391.	gress	1.6	107
25	Author's reply to "Cerebral metabolism and sleep homeostasis: A comment on Vyazovskiy et al Research Bulletin, 2009, 80, 443-445.	.― Brain	1.4	3
26	The Impact of Alcoholism on Sleep Evoked Δ Frequency Responses. Biological Psychiatry, 2009, 66 177-184.	,	0.7	39
27	The impact of chronic primary insomnia on the heart rate – EEG variability link. Clinical Neurophysiology, 2009, 120, 1054-1060.		0.7	77
28	Cortical network functional connectivity in the descent to sleep. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4489-4494.		3.3	407
29	Sleep and Sleep States: PET Activation Patterns. , 2009, , 945-951.			1
30	Epilepsy and Consciousness. , 2009, , 247-260.			7
31	Neuroimaging of Narcolepsy. CNS and Neurological Disorders - Drug Targets, 2009, 8, 254-263.		0.8	17
32	Functional Neuroimaging Insights into the Physiology of Human Sleep. Sleep, 2010, 33, 1589-160	3.	0.6	214
33	Neuroimaging Of Dreaming: State Of The Art And Limitations. International Review of Neurobiolog 2010, 92, 87-99.	у,	0.9	14
34	Odor Identification Ability Predicts Executive Function Deficits Following Sleep Deprivation. International Journal of Neuroscience, 2010, 120, 328-334.		0.8	18
35	Sleep evoked delta frequency responses show a linear decline in amplitude across the adult lifespa Neurobiology of Aging, 2010, 31, 874-883.	n.	1.5	52
36	Understanding non rapid eye movement sleep through neuroimaging. World Journal of Biological Psychiatry, 2010, 11, 9-15.		1.3	30
37	Electrophysiological correlates of sleep homeostasis in freely behaving rats. Progress in Brain Research, 2011, 193, 17-38.		0.9	97

#	Article	IF	Citations
38	Temporal dynamics of cortical sources underlying spontaneous and peripherally evoked slow waves. Progress in Brain Research, 2011, 193, 201-218.	0.9	113
39	Spontaneous neural activity during human non-rapid eye movement sleep. Progress in Brain Research, 2011, 193, 111-118.	0.9	12
40	Sleep and Anesthesia. , 2011, , .		8
41	Connectivity pattern changes in default-mode network with deep non-REM and REM sleep. Neuroscience Research, 2011, 69, 322-330.	1.0	105
42	Sleep driving: Sleepwalking variant or misuse of z-drugs?. Sleep Medicine Reviews, 2011, 15, 285-292.	3.8	68
43	Regional Slow Waves and Spindles in Human Sleep. Neuron, 2011, 70, 153-169.	3.8	794
44	Napping promotes inter-session habituation to emotional stimuli. Neurobiology of Learning and Memory, 2011, 95, 24-36.	1.0	103
45	Reduced sleep-associated consolidation of declarative memory in attention-deficit/hyperactivity disorder. Sleep Medicine, 2011, 12, 672-679.	0.8	95
46	Spontaneous fMRI activity during resting wakefulness and sleep. Progress in Brain Research, 2011, 193, 295-305.	0.9	21
47	Development of the Brain's Default Mode Network from Wakefulness to Slow Wave Sleep. Cerebral Cortex, 2011, 21, 2082-2093.	1.6	356
48	REM sleep and dreaming. , 0, , 8-20.		2
49	Independent Contributions of Cortical Gray Matter, Aging, Sex and Alcoholism to K-Complex Amplitude Evoked During Sleep. Sleep, 2011, 34, 787-795.	0.6	22
50	Hippocampal memory consolidation during sleep: a comparison of mammals and birds. Biological Reviews, 2011, 86, 658-691.	4.7	103
51	Sleep disturbance relates to neuropsychological functioning in late-life depression. Journal of Affective Disorders, 2011, 132, 139-145.	2.0	68
52	Infraslow EEG oscillations organize large-scale cortical–subcortical interactions during sleep: A combined EEG/fMRI study. Brain Research, 2011, 1374, 63-72.	1.1	54
53	Changes in Sleep as a Function of Adolescent Development. Neuropsychology Review, 2011, 21, 5-21.	2.5	286
54	Modulation of the brain's functional network architecture in the transition from wake to sleep. Progress in Brain Research, 2011, 193, 277-294.	0.9	114
55	Large-scale functional brain networks in human non-rapid eye movement sleep: insights from combined electroencephalographic/functional magnetic resonance imaging studies. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3708-3729.	1.6	40

#	Article	IF	CITATIONS
56	The Neurobiology of Dreaming. , 2011, , 563-575.		16
57	Local aspects of sleep. Progress in Brain Research, 2012, 199, 219-232.	0.9	87
58	Neuronal Oscillations in Sleep: Insights from Functional Neuroimaging. NeuroMolecular Medicine, 2012, 14, 154-167.	1.8	29
59	Neural Correlates of Human Sleep and Sleep-Dependent Memory Processing. , 2012, , 165-186.		0
60	Circadian Rhythms in Neuroendocrine Systems. , 2012, , 271-305.		6
61	The Memory, Cognitive and PsychologicalFunctions of Sleep: Update from Electroencephalographic and Neuroimaging Studies. , 2012, , .		3
62	Developmental changes in the sleep electroencephalogram of adolescent boys and girls. Journal of Sleep Research, 2012, 21, 59-67.	1.7	42
63	How does a surgeon's brain buzz? An EEG coherence study on the interaction between humans and robot. Behavioral and Brain Functions, 2013, 9, 14.	1.4	13
64	Sleep and Consciousness. , 2013, , 133-182.		21
65	Neuroimaging of Consciousness. , 2013, , .		6
66	About Sleep's Role in Memory. Physiological Reviews, 2013, 93, 681-766.	13.1	2,026
67	Sleep: a synchrony of cell activityâ€driven small network states. European Journal of Neuroscience, 2013, 38, 2199-2209.	1.2	83
68	Somnambulism: clinical aspects and pathophysiological hypotheses. Lancet Neurology, The, 2013, 12, 285-294.	4.9	183
69	Sleep and the functional connectome. NeuroImage, 2013, 80, 387-396.	2.1	97
70	Neuroimaging of phasic and non-phasic NREM activities. , 0, , 96-104.		0
72	Neuroimaging Studies of Sleep and Memory in Humans. Current Topics in Behavioral Neurosciences, 2014, 25, 239-268.	0.8	11
73	PET Imaging in Altered States of Consciousness: Coma, Sleep, and Hypnosis. , 2014, , 965-986.		0
74	Alcohol and the sleeping brain. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 125, 415-431.	1.0	113

#	Article	IF	CITATIONS
75	Damage to the insula leads to decreased nicotine withdrawal during abstinence. Addiction, 2015, 110, 1994-2003.	1.7	60
76	Specific EEG Sleep Pattern in the Prefrontal Cortex in Primary Insomnia. PLoS ONE, 2015, 10, e0116864.	1.1	26
77	Nightmares and the Mood Regulatory Functions of Sleep. , 2015, , 163-179.		0
78	Decreased delta sleep ratio and elevated alpha power predict vulnerability to depression during interferon-alpha treatment. Acta Neuropsychiatrica, 2015, 27, 14-24.	1.0	12
79	Electrical Stimulation of the Anterior Cingulate Gyrus Induces Responses Similar to K-complexes in Awake Humans. Brain Stimulation, 2015, 8, 881-890.	0.7	11
81	Emotional bias of sleep-dependent processing shifts from negative to positive with aging. Neurobiology of Aging, 2016, 45, 178-189.	1.5	37
82	Sleep-Wake Differences in Relative Regional Cerebral Metabolic Rate for Glucose among Patients with Insomnia Compared with Good Sleepers. Sleep, 2016, 39, 1779-1794.	0.6	74
83	The thalamic mGluR1-PLCβ4 pathway is critical in sleep architecture. Molecular Brain, 2016, 9, 100.	1.3	6
84	Endocrine Rhythms, the Sleep-Wake Cycle, and Biological Clocks. , 2016, , 147-173.e9.		10
85	Functional MRI Correlates of Resting-State Temporal Theta and Delta EEG Rhythms. Journal of Clinical Neurophysiology, 2017, 34, 69-76.	0.9	9
86	Neuroimaging in Normal and Abnormal Sleep. , 2017, , 353-390.		0
87	Physiological Changes of Sleep. , 2017, , 153-194.		9
88	Altered Regional Cerebral Blood Flow in Idiopathic Hypersomnia. Sleep, 2017, 40, .	0.6	29
89	In human non-REM sleep, more slow-wave activity leads to less blood flow in the prefrontal cortex. Scientific Reports, 2017, 7, 14993.	1.6	20
90	Increased Stability and Breakdown of Brain Effective Connectivity During Slow-Wave Sleep: Mechanistic Insights from Whole-Brain Computational Modelling. Scientific Reports, 2017, 7, 4634.	1.6	90
92	Subjective–Objective Sleep Discrepancy Is Associated With Alterations in Regional Glucose Metabolism in Patients With Insomnia and Good Sleeper Controls. Sleep, 2017, 40, .	0.6	40
93	Neurobiology of Dreaming. , 2017, , 529-538.e6.		27
94	Pleasure: The missing link in the regulation of sleep. Neuroscience and Biobehavioral Reviews, 2018, 88, 141-154.	2.9	6

#	Article	IF	CITATIONS
95	Electroencephalogram power alterations in retinal degeneration mice after prolonged transcorneal electrical stimulation. , 2019, , .		3
96	Precision Medicine for Idiopathic Hypersomnia. Sleep Medicine Clinics, 2019, 14, 333-350.	1.2	35
97	Sleep Is a Refreshing Process: An fNIRS Study. Frontiers in Human Neuroscience, 2019, 13, 160.	1.0	10
98	EEG predictors of dreaming outside of REM sleep. Psychophysiology, 2019, 56, e13368.	1.2	14
99	Age-related cortical signatures of human sleep electroencephalography. Neurobiology of Aging, 2019, 76, 106-114.	1.5	24
101	The neurophysiological basis of excessive daytime sleepiness: suggestions of an altered state of consciousness. Sleep and Breathing, 2020, 24, 15-23.	0.9	9
102	EEG microstates of dreams. Scientific Reports, 2020, 10, 17069.	1.6	53
103	Neuronal Oscillations of Wakefulness and Sleep. , 2020, , .		1
104	Modeling regional changes in dynamic stability during sleep and wakefulness. NeuroImage, 2020, 215, 116833.	2.1	48
106	Idiopathic hypersomnia: a homogeneous or heterogeneous disease?. Sleep Medicine, 2021, 80, 86-91.	0.8	17
107	Increased sensitivity to strong perturbations in a whole-brain model of LSD. NeuroImage, 2021, 230, 117809.	2.1	20
108	Reversed and increased functional connectivity in non-REM sleep suggests an altered rather than reduced state of consciousness relative to wake. Scientific Reports, 2021, 11, 11943.	1.6	10
110	A Multivariate Functional Connectivity Approach to Mapping Brain Networks and Imputing Neural Activity in Mice. Cerebral Cortex, 2022, 32, 1593-1607.	1.6	3
111	Memory Reactivation in Humans (Imaging Studies). Springer Series in Computational Neuroscience, 2015, , 225-243.	0.3	2
112	Endocrine Rhythms, the Sleep-Wake Cycle, and Biological Clocks. , 2010, , 199-229.		7
114	Separability of calcium slow waves and functional connectivity during wake, sleep, and anesthesia. Neurophotonics, 2019, 6, 1.	1.7	31
115	Mind Your Mind. ACM Computing Surveys, 2021, 53, 1-38.	16.1	19
116	Imaging the Sleep Deprived Brain: A Brief Review. Su'myeon, 2013, 10, 1-6.	0.2	4

		CITATION REPORT	
#	Article	IF	CITATIONS
117	Sleep in the Human Hippocampus: A Stereo-EEG Study. PLoS ONE, 2007, 2, e867.	1.1	60
118	Spontaneous Hemodynamic Oscillations during Human Sleep and Sleep Stage Transitic Characterized with Near-Infrared Spectroscopy. PLoS ONE, 2011, 6, e25415.	ons 1.1	32
119	Distribution, Amplitude, Incidence, Co-Occurrence, and Propagation of Human K-Comp Transcortical Recordings. ENeuro, 2015, 2, ENEURO.0028-15.2015.	lexes in Focal 0.9	35
120	Sleep Characteristics in Blind Subjects. Journal of Sleep Disorders and Management, 20	15, 1, . 0.2	4
123	Neuroimagen en el sueño y en los trastornos del sueño. , 2011, , 198-217.		0
124	Cambios fisiológicos durante el sueño. , 2011, , 80-104.		Ο
125	Neural Correlates of Human NREM Sleep Oscillations. , 2011, , 127-136.		0
127	Imaging Sleep and Sleep Deprivation. , 2014, , 33-43.		Ο
128	Development and Impact of Brain Imaging Techniques. , 2015, , 573-579.		0
129	Theories of REM and NREM Sleep. , 2019, , 99-120.		0
131	Characteristics of REM and NREM Dreams. , 2019, , 155-170.		0
132	Expression of Sleep across the Human Lifespan. , 2019, , 40-59.		0
133	What Is Sleep?. , 2019, , 3-27.		0
134	Dreams across the Human Lifespan. , 2019, , 138-154.		0
137	From Biological Rhythms to the Sleep Cycle. , 2019, , 28-39.		0
138	Characteristics of REM and NREM Sleep. , 2019, , 60-77.		0
140	Dream Varieties. , 2019, , 171-193.		0
143	Theories of Dreaming. , 2019, , 194-207.		0

0

#	Article	IF	CITATIONS
145	What Are Dreams?. , 2019, , 123-137.		0
146	Neuroimaging of Brain Oscillations During Human Sleep. , 2020, , 171-197.		0
148	Clinical trial. , 2022, , 215-234.		0
151	Striatal neurons expressing dopamine D1 receptor promote wakefulness in mice. Current Biology, 2022, 32, 600-613.e4.	1.8	17
153	Neurophysiology and neuroimaging of human sleep. , 0, , 36-58.		0
154	The Effects of Theta/Beta-based Neurofeedback Training on Attention in Children with Attention Deficit Hyperactivity Disorder: A Systematic Review and Meta-analysis. Child Psychiatry and Human Development, 2023, 54, 1577-1606.	1.1	2
155	Timely coupling of sleep spindles and slow waves linked to early amyloid-β burden and predicts memory decline. ELife, 0, 11, .	2.8	18
156	Waveform detection by deep learning reveals multi-area spindles that are selectively modulated by memory load. ELife, 0, 11, .	2.8	1
157	Frontal grey matter microstructure is associated with sleep slow waves characteristics in late midlife. Sleep, 0, , .	0.6	0
158	Precision Medicine for Idiopathic Hypersomnia. Sleep Medicine Clinics, 2022, 17, 379-398.	1.2	6
160	Novel Objective Measures of Hypersomnolence. Current Sleep Medicine Reports, 0, , .	0.7	0
161	Conscious entry into sleep: Yoga Nidra and accessing subtler states of consciousness. Progress in Brain Research, 2023, , 43-60.	0.9	0

163 Neuroimmunology and sleep. , 2023, , 151-168.