

Reto Huber

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

15,435
citations

36303

51
h-index

19190

118
g-index

174
all docs

174
docs citations

174
times ranked

10415
citing authors

#	ARTICLE	IF	CITATIONS
1	Local sleep and learning. <i>Nature</i> , 2004, 430, 78-81.	27.8	1,689
2	Breakdown of Cortical Effective Connectivity During Sleep. <i>Science</i> , 2005, 309, 2228-2232.	12.6	1,362
3	The Sleep Slow Oscillation as a Traveling Wave. <i>Journal of Neuroscience</i> , 2004, 24, 6862-6870.	3.6	1,002
4	Arm immobilization causes cortical plastic changes and locally decreases sleep slow wave activity. <i>Nature Neuroscience</i> , 2006, 9, 1169-1176.	14.8	529
5	Reduced Sleep Spindle Activity in Schizophrenia Patients. <i>American Journal of Psychiatry</i> , 2007, 164, 483-492.	7.2	434
6	Reduced sleep in <i>Drosophila</i> Shaker mutants. <i>Nature</i> , 2005, 434, 1087-1092.	27.8	420
7	Triggering sleep slow waves by transcranial magnetic stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8496-8501.	7.1	409
8	Source modeling sleep slow waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1608-1613.	7.1	400
9	Sleep Homeostasis and Cortical Synchronization: III. A High-Density EEG Study of Sleep Slow Waves in Humans. <i>Sleep</i> , 2007, 30, 1643-1657.	1.1	364
10	Sleep Homeostasis in <i>Drosophila Melanogaster</i> . <i>Sleep</i> , 2004, 27, 628-639.	1.1	362
11	Mapping of Cortical Activity in the First Two Decades of Life: A High-Density Sleep Electroencephalogram Study. <i>Journal of Neuroscience</i> , 2010, 30, 13211-13219.	3.6	325
12	A direct demonstration of cortical LTP in humans: A combined TMS/EEG study. <i>Brain Research Bulletin</i> , 2006, 69, 86-94.	3.0	311
13	Consensus paper: Combining transcranial stimulation with neuroimaging. <i>Brain Stimulation</i> , 2009, 2, 58-80.	1.6	299
14	Effects of sleep deprivation on sleep and sleep EEG in three mouse strains: empirical data and simulations. <i>Brain Research</i> , 2000, 857, 8-19.	2.2	286
15	Electromagnetic fields, such as those from mobile phones, alter regional cerebral blood flow and sleep and waking EEG. <i>Journal of Sleep Research</i> , 2002, 11, 289-295.	3.2	269
16	Exposure to pulsed high-frequency electromagnetic field during waking affects human sleep EEG. <i>NeuroReport</i> , 2000, 11, 3321-3325.	1.2	234
17	Human Cortical Excitability Increases with Time Awake. <i>Cerebral Cortex</i> , 2013, 23, 1-7.	2.9	229
18	EEG Sleep Slow-Wave Activity as a Mirror of Cortical Maturation. <i>Cerebral Cortex</i> , 2011, 21, 607-615.	2.9	227

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19	Pulsed high-frequency electromagnetic field affects human sleep and sleep electroencephalogram. <i>Neuroscience Letters</i> , 1999, 275, 207-210.	2.1	219
20	Reduced Evoked Gamma Oscillations in the Frontal Cortex in Schizophrenia Patients: A TMS/EEG Study. <i>American Journal of Psychiatry</i> , 2008, 165, 996-1005.	7.2	202
21	Sleep-Dependent Improvement in Visuomotor Learning: A Causal Role for Slow Waves. <i>Sleep</i> , 2009, 32, 1273-1284.	1.1	200
22	TMS-Induced Cortical Potentiation during Wakefulness Locally Increases Slow Wave Activity during Sleep. <i>PLoS ONE</i> , 2007, 2, e276.	2.5	196
23	Exploratory Behavior, Cortical BDNF Expression, and Sleep Homeostasis. <i>Sleep</i> , 2007, 30, 129-139.	1.1	191
24	Cortical reactivity and effective connectivity during REM sleep in humans. <i>Cognitive Neuroscience</i> , 2010, 1, 176-183.	1.4	167
25	Brain volumes predict neurodevelopment in adolescents after surgery for congenital heart disease. <i>Brain</i> , 2014, 137, 268-276.	7.6	147
26	<i>Drosophila</i> Hyperkinetic Mutants Have Reduced Sleep and Impaired Memory. <i>Journal of Neuroscience</i> , 2007, 27, 5384-5393.	3.6	146
27	Topography of EEG Dynamics After Sleep Deprivation in Mice. <i>Journal of Neurophysiology</i> , 2000, 84, 1888-1893.	1.8	138
28	Exposure to pulse-modulated radio frequency electromagnetic fields affects regional cerebral blood flow. <i>European Journal of Neuroscience</i> , 2005, 21, 1000-1006.	2.6	131
29	The Sleep EEG as a Marker of Intellectual Ability in School Age Children. <i>Sleep</i> , 2011, 34, 181-189.	1.1	130
30	Neurodevelopmental outcome, psychological adjustment, and quality of life in adolescents with congenital heart disease. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 1143-1149.	2.1	128
31	Locus Ceruleus Control of Slow-Wave Homeostasis. <i>Journal of Neuroscience</i> , 2005, 25, 4503-4511.	3.6	127
32	Measures of Cortical Plasticity after Transcranial Paired Associative Stimulation Predict Changes in Electroencephalogram Slow-Wave Activity during Subsequent Sleep. <i>Journal of Neuroscience</i> , 2008, 28, 7911-7918.	3.6	125
33	Characteristics of Sleep Slow Waves in Children and Adolescents. <i>Sleep</i> , 2010, 33, 475-480.	1.1	122
34	Sleep deprivation in prion protein deficient mice and control mice: genotype dependent regional rebound. <i>NeuroReport</i> , 2002, 13, 1-4.	1.2	121
35	Slow waves, synaptic plasticity and information processing: insights from transcranial magnetic stimulation and high-density EEG experiments. <i>European Journal of Neuroscience</i> , 2009, 29, 1761-1770.	2.6	114
36	Impaired slow wave sleep downscaling in encephalopathy with status epilepticus during sleep (ESES). <i>Clinical Neurophysiology</i> , 2011, 122, 1779-1787.	1.5	114

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37	Developmental aspects of sleep slow waves. <i>Progress in Brain Research</i> , 2011, 193, 63-82.	1.4	110
38	Radio frequency electromagnetic field exposure in humans: Estimation of SAR distribution in the brain, effects on sleep and heart rate. <i>Bioelectromagnetics</i> , 2003, 24, 262-276.	1.6	105
39	Mapping the electrophysiological marker of sleep depth reveals skill maturation in children and adolescents. <i>NeuroImage</i> , 2012, 63, 959-965.	4.2	99
40	Deep sleep maintains learning efficiency of the human brain. <i>Nature Communications</i> , 2017, 8, 15405.	12.8	97
41	Sleep Slow-Wave Activity Reveals Developmental Changes in Experience-Dependent Plasticity. <i>Journal of Neuroscience</i> , 2014, 34, 12568-12575.	3.6	85
42	Topography of sleep slow wave activity in children with attention-deficit/hyperactivity disorder. <i>Cortex</i> , 2013, 49, 340-347.	2.4	83
43	Sleep, synaptic connectivity, and hippocampal memory during early development. <i>Trends in Cognitive Sciences</i> , 2014, 18, 141-152.	7.8	82
44	Short-Term Limb Immobilization Affects Motor Performance. <i>Journal of Motor Behavior</i> , 2008, 40, 165-176.	0.9	81
45	The Multidimensional Aspects of Sleep Spindles and Their Relationship to Word-Pair Memory Consolidation. <i>Sleep</i> , 2015, 38, 1093-1103.	1.1	76
46	Are Nocturnal Breathing, Sleep, and Cognitive Performance Impaired at Moderate Altitude (1,630â€“2,590) Tj ETQq0 0 0 rgBT /Overlock	1.1	69
47	The slow-wave components of the cyclic alternating pattern (CAP) have a role in sleep-related learning processes. <i>Neuroscience Letters</i> , 2008, 432, 228-231.	2.1	67
48	Triangular Relationship between Sleep Spindle Activity, General Cognitive Ability and the Efficiency of Declarative Learning. <i>PLoS ONE</i> , 2012, 7, e49561.	2.5	64
49	Topographic sleep <sc>EEG</sc> changes in the acute and chronic stage of hemispheric stroke. <i>Journal of Sleep Research</i> , 2015, 24, 54-65.	3.2	62
50	Structural Brain Lesions in Adolescents with Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2011, 158, 984-989.	1.8	56
51	Spike wave location and density disturb sleep slow waves in patients with <sc>CSWS</sc> (continuous spike waves during sleep). <i>Epilepsia</i> , 2014, 55, 584-591.	5.1	54
52	Traveling Slow Oscillations During Sleep: A Marker of Brain Connectivity in Childhood. <i>Sleep</i> , 2017, 40, .	1.1	54
53	Sleep and Early Cortical Development. <i>Current Sleep Medicine Reports</i> , 2015, 1, 64-73.	1.4	53
54	Effect of melatonin on sleep and brain temperature in the Djungarian hamster and the rat. <i>Physiology and Behavior</i> , 1998, 65, 77-82.	2.1	51

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55	Prion protein: a role in sleep regulation?. <i>Journal of Sleep Research</i> , 1999, 8, 30-36.	3.2	50
56	Local Increase of Sleep Slow Wave Activity after Three Weeks of Working Memory Training in Children and Adolescents. <i>Sleep</i> , 2015, 38, 607-614.	1.1	49
57	Very preterm infants show earlier emergence of 24-hour sleep-wake rhythms compared to term infants. <i>Early Human Development</i> , 2015, 91, 37-42.	1.8	48
58	Remission of encephalopathy with status epilepticus (ESES) during sleep renormalizes regulation of slow wave sleep. <i>Epilepsia</i> , 2017, 58, 1892-1901.	5.1	47
59	Spatio-temporal properties of sleep slow waves and implications for development. <i>Current Opinion in Physiology</i> , 2020, 15, 172-182.	1.8	47
60	Anatomical markers of sleep slow wave activity derived from structural magnetic resonance images. <i>Journal of Sleep Research</i> , 2011, 20, 506-513.	3.2	46
61	Developmental changes in sleep and their relationships to psychiatric illnesses. <i>Current Opinion in Psychiatry</i> , 2013, 26, 572-579.	6.3	46
62	Neurology and psychiatry: waking up to opportunities of sleep. : State of the art and clinical/research priorities for the next decade. <i>European Journal of Neurology</i> , 2015, 22, 1337-1354.	3.3	46
63	High Density Electroencephalography in Sleep Research: Potential, Problems, Future Perspective. <i>Frontiers in Neurology</i> , 2012, 3, 77.	2.4	45
64	Theta waves in children's waking electroencephalogram resemble local aspects of sleep during wakefulness. <i>Scientific Reports</i> , 2017, 7, 11187.	3.3	45
65	The Cortical Topography of Local Sleep. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2438-2446.	2.1	45
66	Increased Sleep Depth in Developing Neural Networks: New Insights from Sleep Restriction in Children. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 456.	2.0	43
67	Prior knowledge is essential for the beneficial effect of targeted memory reactivation during sleep. <i>Scientific Reports</i> , 2017, 7, 39763.	3.3	42
68	Cycled Light Exposure Reduces Fussing and Crying in Very Preterm Infants. <i>Pediatrics</i> , 2012, 130, e145-e151.	2.1	41
69	Stimulation of the Brain With Radiofrequency Electromagnetic Field Pulses Affects Sleep-Dependent Performance Improvement. <i>Brain Stimulation</i> , 2013, 6, 805-811.	1.6	41
70	Very preterm adolescents show impaired performance with increasing demands in executive function tasks. <i>Early Human Development</i> , 2016, 92, 37-43.	1.8	41
71	Insufficient sleep: Enhanced risk-seeking relates to low local sleep intensity. <i>Annals of Neurology</i> , 2017, 82, 409-418.	5.3	41
72	Chronic social stress leads to altered sleep homeostasis in mice. <i>Behavioural Brain Research</i> , 2017, 327, 167-173.	2.2	40

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73	The Effects of Caffeine on Sleep and Maturational Markers in the Rat. PLoS ONE, 2013, 8, e72539.	2.5	40
74	The effects of exercise on sleep quality in persons with Parkinson's disease: A systematic review with meta-analysis. Sleep Medicine Reviews, 2021, 55, 101384.	8.5	39
75	Altered resting-state functional connectivity in children and adolescents born very preterm short title. NeuroImage: Clinical, 2018, 20, 1148-1156.	2.7	37
76	Capturing sleep-wake cycles by using day-to-day smartphone touchscreen interactions. Npj Digital Medicine, 2019, 2, 73.	10.9	37
77	Overnight Changes in the Slope of Sleep Slow Waves during Infancy. Sleep, 2014, 37, 245-253.	1.1	36
78	Increased frontal sleep slow wave activity in adolescents with major depression. NeuroImage: Clinical, 2016, 10, 250-256.	2.7	36
79	Local sleep-like events during wakefulness and their relationship to decreased alertness in astronauts on ISS. Npj Microgravity, 2019, 5, 10.	3.7	36
80	Association Between Homeschooling and Adolescent Sleep Duration and Health During COVID-19 Pandemic High School Closures. JAMA Network Open, 2022, 5, e2142100.	5.9	35
81	Electroencephalogram approximate entropy influenced by both age and sleep. Frontiers in Neuroinformatics, 2013, 7, 33.	2.5	34
82	Caffeine Consuming Children and Adolescents Show Altered Sleep Behavior and Deep Sleep. Brain Sciences, 2015, 5, 441-455.	2.3	34
83	Reduced sleep spindle density in early onset schizophrenia: A preliminary finding. Schizophrenia Research, 2015, 166, 355-357.	2.0	34
84	Widespread reduction in sleep spindle activity in socially anxious children and adolescents. Journal of Psychiatric Research, 2017, 88, 47-55.	3.1	34
85	Sleep Spindles Are Related to Schizotypal Personality Traits and Thalamic Glutamine/Glutamate in Healthy Subjects. Schizophrenia Bulletin, 2015, 41, 522-531.	4.3	33
86	How do children fall asleep? A high-density EEG study of slow waves in the transition from wake to sleep. NeuroImage, 2018, 178, 23-35.	4.2	32
87	Targeted Reactivation during Sleep Differentially Affects Negative Memories in Socially Anxious and Healthy Children and Adolescents. Journal of Neuroscience, 2017, 37, 2425-2434.	3.6	31
88	Impaired Postural Control in Healthy Men at Moderate Altitude (1630 M and 2590 M): Data from a Randomized Trial. PLoS ONE, 2015, 10, e0116695.	2.5	27
89	Impaired slow wave sleep downscaling in patients with infantile spasms. European Journal of Paediatric Neurology, 2015, 19, 134-142.	1.6	27
90	Inter-individual and intra-individual variation of the effects of pulsed RF EMF exposure on the human sleep EEG. Bioelectromagnetics, 2015, 36, 169-177.	1.6	27

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91	Methods in Pediatric Sleep Research and Sleep Medicine. <i>Neuropediatrics</i> , 2015, 46, 159-170.	0.6	27
92	Sleep EEG slow-wave activity in medicated and unmedicated children and adolescents with attention-deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2019, 9, 324.	4.8	25
93	Memory cueing during sleep modifies the interpretation of ambiguous scenes in adolescents and adults. <i>Developmental Cognitive Neuroscience</i> , 2016, 17, 10-18.	4.0	24
94	Reduced sleep spindle density in adolescent patients with early-onset schizophrenia compared to major depressive disorder and healthy controls. <i>Schizophrenia Research</i> , 2020, 221, 20-28.	2.0	23
95	Sleep electroencephalography topography and children's intellectual ability. <i>NeuroReport</i> , 2012, 23, 93-97.	1.2	22
96	Sleep EEG maps the functional neuroanatomy of executive processes in adolescents born very preterm. <i>Cortex</i> , 2017, 86, 11-21.	2.4	22
97	Diurnal changes in glutamate+glutamine levels of healthy young adults assessed by proton magnetic resonance spectroscopy. <i>Human Brain Mapping</i> , 2018, 39, 3984-3992.	3.6	22
98	Auditory deep sleep stimulation in older adults at home: a randomized crossover trial. <i>Communications Medicine</i> , 2022, 2, .	4.2	22
99	Across-night dynamics in traveling sleep slow waves throughout childhood. <i>Sleep</i> , 2018, 41, .	1.1	21
100	Effects of Acute Exposure to Moderate Altitude on Vascular Function, Metabolism and Systemic Inflammation. <i>PLoS ONE</i> , 2013, 8, e70081.	2.5	20
101	From Alpha Diversity to Zzz: Interactions among sleep, the brain, and gut microbiota in the first year of life. <i>Progress in Neurobiology</i> , 2022, 209, 102208.	5.7	20
102	Sleep-related and diurnal effects on brain diffusivity and cerebrospinal fluid flow. <i>NeuroImage</i> , 2021, 241, 118420.	4.2	19
103	The sleep EEG topography in children and adolescents shows sex differences in language areas. <i>International Journal of Psychophysiology</i> , 2013, 89, 241-245.	1.0	18
104	Quantitative Changes in the Sleep EEG at Moderate Altitude (1630 m and 2590 m). <i>PLoS ONE</i> , 2013, 8, e76945.	2.5	18
105	High-density electroencephalographic recordings during sleep in children with disorders of consciousness. <i>NeuroImage: Clinical</i> , 2016, 11, 468-475.	2.7	18
106	Which Are the Central Aspects of Infant Sleep? The Dynamics of Sleep Composites across Infancy. <i>Sensors</i> , 2020, 20, 7188.	3.8	18
107	Changes in cross-frequency coupling following closed-loop auditory stimulation in non-rapid eye movement sleep. <i>Scientific Reports</i> , 2020, 10, 10628.	3.3	18
108	The Zurich 3-Step Concept for the Management of Behavioral Sleep Disorders in Children: A Before-and-After Study. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 241-249.	2.6	17

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109	Developmental trajectories of EEG sleep slow wave activity as a marker for motor skill development during adolescence: a pilot study. <i>Developmental Psychobiology</i> , 2017, 59, 5-14.	1.6	17
110	Dynamic- and Frequency-Specific Regulation of Sleep Oscillations by Cortical Potassium Channels. <i>Current Biology</i> , 2019, 29, 2983-2992.e3.	3.9	17
111	A Protocol for Comparing Dry and Wet EEG Electrodes During Sleep. <i>Frontiers in Neuroscience</i> , 2020, 14, 586.	2.8	17
112	Large cognitive fluctuations surrounding sleep in daily living. <i>IScience</i> , 2021, 24, 102159.	4.1	17
113	Working memory training shows immediate and long-term effects on cognitive performance in children. <i>F1000Research</i> , 2014, 3, 82.	1.6	16
114	Closed-Loop Acoustic Stimulation During Sleep in Children With Epilepsy: A Hypothesis-Driven Novel Approach to Interact With Spike-Wave Activity and Pilot Data Assessing Feasibility. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 166.	2.0	15
115	Encephalopathy related to Status Epilepticus during slow Sleep: a link with sleep homeostasis?. <i>Epileptic Disorders</i> , 2019, 21, 62-70.	1.3	15
116	Individual spindle detection and analysis in high-density recordings across the night and in thalamic stroke. <i>Scientific Reports</i> , 2018, 8, 17885.	3.3	14
117	Brain maturation in the first 36 months of life, measured by electroencephalogram: A comparison between preterm and term-born infants. <i>Clinical Neurophysiology</i> , 2019, 130, 1859-1868.	1.5	14
118	Closed-loop auditory stimulation method to modulate sleep slow waves and motor learning performance in rats. <i>ELife</i> , 2021, 10, .	6.0	14
119	Intraindividual Increase of Homeostatic Sleep Pressure Across Acute and Chronic Sleep Loss: A High-Density EEG Study. <i>Sleep</i> , 2017, 40, .	1.1	13
120	Sleep as a model to understand neuroplasticity and recovery after stroke: Observational, perturbational and interventional approaches. <i>Journal of Neuroscience Methods</i> , 2019, 313, 37-43.	2.5	13
121	CD40 activation induces NREM sleep and modulates genes associated with sleep homeostasis. <i>Brain, Behavior, and Immunity</i> , 2013, 27, 133-144.	4.1	12
122	High-Density Electroencephalographic Recordings During Sleep in Children and Adolescents With Acquired Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 462-474.	2.9	12
123	Diurnal changes in human brain glutamate + glutamine levels in the course of development and their relationship to sleep. <i>NeuroImage</i> , 2019, 196, 269-275.	4.2	12
124	Sleep to grow smart. <i>Archives Italiennes De Biologie</i> , 2015, 153, 99-109.	0.4	12
125	Sleep respiratory disturbances and arousals at moderate altitude have overlapping electroencephalogram spectral signatures. <i>Journal of Sleep Research</i> , 2014, 23, 463-468.	3.2	11
126	Characterization of overnight slow-wave slope changes across development in an age-, amplitude-, and region-dependent manner. <i>Sleep</i> , 2020, 43, .	1.1	11

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127	Circulating levels of cell-derived microparticles are reduced by mild hypobaric hypoxia: data from a randomised controlled trial. <i>European Journal of Applied Physiology</i> , 2014, 114, 1067-1073.	2.5	10
128	Actigraphy of Wrist and Ankle for Measuring Sleep Duration in Altitude Travelers. <i>High Altitude Medicine and Biology</i> , 2016, 17, 194-202.	0.9	10
129	Thalamic Influence on Slow Wave Slope Renormalization During Sleep. <i>Annals of Neurology</i> , 2021, 90, 821-833.	5.3	10
130	Diurnal changes in electrocorticogram sleep slow-wave activity during development in rats. <i>Journal of Sleep Research</i> , 2014, 23, 263-269.	3.2	9
131	Adolescents'™ preference for later school start times. <i>Journal of Sleep Research</i> , 2022, 31, e13401.	3.2	9
132	Working memory training shows immediate and long-term effects on cognitive performance in children and adolescents. <i>F1000Research</i> , 2014, 3, 82.	1.6	9
133	Exercising the Sleepy-ing Brain: Exercise, Sleep, and Sleep Loss on Memory. <i>Exercise and Sport Sciences Reviews</i> , 2022, 50, 38-48.	3.0	9
134	Boosting Recovery During Sleep by Means of Auditory Stimulation. <i>Frontiers in Neuroscience</i> , 2022, 16, 755958.	2.8	9
135	Ascent to moderate altitude impairs overnight memory improvements. <i>Physiology and Behavior</i> , 2015, 139, 121-126.	2.1	8
136	A Day Awake Attenuates Motor Learning-Induced Increases in Corticomotor Excitability. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 138.	2.0	8
137	Changes of Cerebral Tissue Oxygen Saturation at Sleep Transitions in Adolescents. <i>Advances in Experimental Medicine and Biology</i> , 2014, 812, 279-285.	1.6	8
138	Memory Formation: Sleep Enough before Learning. <i>Current Biology</i> , 2007, 17, R367-R368.	3.9	7
139	The experience-dependent increase in deep sleep activity is reduced in children with attention-deficit/hyperactivity disorder. <i>Sleep Medicine</i> , 2020, 75, 50-53.	1.6	7
140	Altered EEG markers of synaptic plasticity in a human model of NMDA receptor deficiency: Anti-NMDA receptor encephalitis. <i>NeuroImage</i> , 2021, 239, 118281.	4.2	7
141	Brain Tissue Oxygen Saturation Increases During the Night in Adolescents. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 113-119.	1.6	7
142	Sleep-dependent memory consolidation in children with self-limited focal epilepsies. <i>Epilepsy and Behavior</i> , 2020, 113, 107513.	1.7	6
143	Sleep Slow Oscillations and Cortical Maturation. , 2012, , 227-261.		5
144	Multimodal assessment shows misalignment of structural and functional thalamocortical connectivity in children and adolescents born very preterm. <i>NeuroImage</i> , 2020, 215, 116779.	4.2	5

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145	Sleep/wake movement velocities, trajectories and micro-arousals during maturation in rats. BMC Neuroscience, 2017, 18, 24.	1.9	4
146	Neuromodulation by means of phase-locked auditory stimulation affects key marker of excitability and connectivity during sleep. Sleep, 2021, , .	1.1	4
147	Sleep and Health-Related Characteristics among Adolescents during COVID-19: An Update. International Journal of Environmental Research and Public Health, 2022, 19, 5078.	2.6	4
148	Disparate effects of hormones and vigabatrin on sleep slow waves in patients with West syndrome â€œ An indication of their mode of action?. Journal of Sleep Research, 2021, 30, e13137.	3.2	2
149	Sleep electroencephalographic asymmetry in Parkinson's disease patients before and after deep brain stimulation. Clinical Neurophysiology, 2021, 132, 857-863.	1.5	2
150	Cortical thinning and sleep slow wave activity reductions mediate age-related improvements in cognition during mid-late adolescence. Sleep, 2021, , .	1.1	2
151	6-year course of sleep homeostasis in a case with epilepsy-aphasia spectrum disorder. Epilepsy and Behavior Reports, 2021, 16, 100488.	1.0	2
152	Teachersâ€™ preference for later school start times. Journal of Sleep Research, 2021, , e13534.	3.2	2
153	Age-Dependency of Location of Epileptic Foci in â€œContinuous Spike-and-Waves during Sleepâ€ A Parallel to the Posterior-Anterior Trajectory of Slow Wave Activity. Neuropediatrics, 2017, 48, 036-041.	0.6	1
154	Sleep and Plasticity. Handbook of Behavioral Neuroscience, 2019, 30, 425-442.	0.7	1
155	Neural correlates of memory recovery: Preliminary findings in children and adolescents with acquired brain injury. Restorative Neurology and Neuroscience, 2021, 39, 61-71.	0.7	1
156	A response to Basner et al. (2021): â€œResponse speed measurements on the psychomotor vigilance task: how precise is precise enough?â€ Sleep, 2021, 44, .	1.1	1
157	Region-specific response to shortened sleep in childhood: Associations with performance and myelination. Brain, Behavior, and Immunity, 2015, 49, e20.	4.1	0
158	Sleep slow waves in idiopathic epileptic encephalopathy with status epilepticus in sleep (ESES) during active and recovery phase. European Journal of Paediatric Neurology, 2017, 21, e182-e183.	1.6	0
159	Die normale Schlafphysiologie. , 2020, , 5-19.		0