

Michael W L Chee

List of Publications by Year in descending order

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194
papers

12,683
citations

22099

59
h-index

31759

101
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209
all docs

209
docs citations

209
times ranked

12781
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Imaging of Working Memory after 24 Hr of Total Sleep Deprivation. <i>Journal of Neuroscience</i> , 2004, 24, 4560-4567.	1.7	437
2	Mandarin and English Single Word Processing Studied with Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 1999, 19, 3050-3056.	1.7	364
3	Functional Specialization and Flexibility in Human Association Cortex. <i>Cerebral Cortex</i> , 2015, 25, 3654-3672.	1.6	361
4	Sleep deprivation reduces default mode network connectivity and anti-correlation during rest and task performance. <i>NeuroImage</i> , 2012, 59, 1745-1751.	2.1	306
5	Sleep Deprivation Elevates Expectation of Gains and Attenuates Response to Losses Following Risky Decisions. <i>Sleep</i> , 2007, 30, 603-609.	0.6	294
6	Self-reported sleep duration and cognitive performance in older adults: a systematic review and meta-analysis. <i>Sleep Medicine</i> , 2016, 17, 87-98.	0.8	285
7	The Neural Basis of Interindividual Variability in Inhibitory Efficiency after Sleep Deprivation. <i>Journal of Neuroscience</i> , 2006, 26, 7156-7162.	1.7	279
8	Cognitive Performance, Sleepiness, and Mood in Partially Sleep Deprived Adolescents: The Need for Sleep Study. <i>Sleep</i> , 2016, 39, 687-698.	0.6	250
9	Lapsing during Sleep Deprivation Is Associated with Distributed Changes in Brain Activation. <i>Journal of Neuroscience</i> , 2008, 28, 5519-5528.	1.7	236
10	Processing of Visually Presented Sentences in Mandarin and English Studied with fMRI. <i>Neuron</i> , 1999, 23, 127-137.	3.8	233
11	Relative Language Proficiency Modulates BOLD Signal Change when Bilinguals Perform Semantic Judgments. <i>NeuroImage</i> , 2001, 13, 1155-1163.	2.1	231
12	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. <i>NeuroImage</i> , 2015, 111, 147-158.	2.1	230
13	Auditory and visual word processing studied with fMRI. , 1999, 7, 15-28.		225
14	Functional imaging of working memory following normal sleep and after 24 and 35 h of sleep deprivation: Correlations of fronto-parietal activation with performance. <i>NeuroImage</i> , 2006, 31, 419-428.	2.1	224
15	Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. <i>NeuroImage</i> , 2014, 88, 212-227.	2.1	220
16	Functional neuroimaging insights into how sleep and sleep deprivation affect memory and cognition. <i>Current Opinion in Neurology</i> , 2008, 21, 417-423.	1.8	210
17	Overlap and Dissociation of Semantic Processing of Chinese Characters, English Words, and Pictures: Evidence from fMRI. <i>NeuroImage</i> , 2000, 12, 392-403.	2.1	200
18	Reduced functional segregation between the default mode network and the executive control network in healthy older adults: A longitudinal study. <i>NeuroImage</i> , 2016, 133, 321-330.	2.1	188

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19	Neural correlates of symbolic and non-symbolic arithmetic. <i>Neuropsychologia</i> , 2005, 43, 744-753.	0.7	185
20	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9653-9658.	3.3	182
21	Sleep Deprivation Biases the Neural Mechanisms Underlying Economic Preferences. <i>Journal of Neuroscience</i> , 2011, 31, 3712-3718.	1.7	181
22	Dissociation of cortical regions modulated by both working memory load and sleep deprivation and by sleep deprivation alone. <i>NeuroImage</i> , 2005, 25, 579-587.	2.1	177
23	Cortical effects of anticipation and endogenous modulation of visceral pain assessed by functional brain MRI in irritable bowel syndrome patients and healthy controls. <i>Pain</i> , 2006, 126, 79-90.	2.0	162
24	Left insula activation: A marker for language attainment in bilinguals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15265-15270.	3.3	157
25	Altered Striatal Functional Connectivity in Subjects With an At-Risk Mental State for Psychosis. <i>Schizophrenia Bulletin</i> , 2014, 40, 904-913.	2.3	152
26	fMRI Study of Maintenance and Manipulation Processes Within Working Memory in First-Episode Schizophrenia. <i>American Journal of Psychiatry</i> , 2005, 162, 1849-1858.	4.0	150
27	Skull stripping using graph cuts. <i>NeuroImage</i> , 2010, 49, 225-239.	2.1	149
28	Functional neuroimaging and behavioral correlates of capacity decline in visual short-term memory after sleep deprivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9487-9492.	3.3	145
29	Lapsing when sleep deprived: Neural activation characteristics of resistant and vulnerable individuals. <i>NeuroImage</i> , 2010, 51, 835-843.	2.1	142
30	Sleep Duration and Age-Related Changes in Brain Structure and Cognitive Performance. <i>Sleep</i> , 2014, 37, 821-821.	0.6	137
31	Brain Structure in Young and Old East Asians and Westerners: Comparisons of Structural Volume and Cortical Thickness. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1065-1079.	1.1	136
32	Age-related Changes in Object Processing and Contextual Binding Revealed Using fMR Adaptation. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 495-507.	1.1	129
33	Effects of phase-locked acoustic stimulation during a nap on EEG spectra and declarative memory consolidation. <i>Sleep Medicine</i> , 2016, 20, 88-97.	0.8	128
34	Cortical Areas Involved in Object, Background, and Object-Background Processing Revealed with Functional Magnetic Resonance Adaptation. <i>Journal of Neuroscience</i> , 2004, 24, 10223-10228.	1.7	124
35	An end-to-end framework for real-time automatic sleep stage classification. <i>Sleep</i> , 2018, 41, .	0.6	117
36	Sleep Deprivation and Interference by Emotional Distracters. <i>Sleep</i> , 2010, 33, 1305-1313.	0.6	113

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37	Common and Segregated Neuronal Networks for Different Languages Revealed Using Functional Magnetic Resonance Adaptation. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 85-97.	1.1	111
38	COVID-19-related mobility reduction: heterogenous effects on sleep and physical activity rhythms. <i>Sleep</i> , 2021, 44, .	0.6	103
39	Hippocampal region-specific contributions to memory performance in normal elderly. <i>Brain and Cognition</i> , 2010, 72, 400-407.	0.8	102
40	Separate and overlapping brain areas encode subjective value during delay and effort discounting. <i>NeuroImage</i> , 2015, 120, 104-113.	2.1	101
41	Reproducibility of Changes in Behaviour and fMRI Activation Associated with Sleep Deprivation in a Working Memory Task. <i>Sleep</i> , 2007, 30, 61-70.	0.6	98
42	Cholinergic Augmentation Modulates Visual Task Performance in Sleep-Deprived Young Adults. <i>Journal of Neuroscience</i> , 2008, 28, 11369-11377.	1.7	97
43	Cognitive function and brain structure correlations in healthy elderly East Asians. <i>NeuroImage</i> , 2009, 46, 257-269.	2.1	95
44	Disrupted Sleep: From Molecules to Cognition. <i>Journal of Neuroscience</i> , 2015, 35, 13889-13895.	1.7	91
45	Validation of a Consumer Sleep Wearable Device With Actigraphy and Polysomnography in Adolescents Across Sleep Opportunity Manipulations. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1337-1346.	1.4	88
46	Associations of sleep duration on school nights with self-rated health, overweight, and depression symptoms in adolescents: problems and possible solutions. <i>Sleep Medicine</i> , 2019, 60, 96-108.	0.8	87
47	Adverse Associations between Visceral Adiposity, Brain Structure, and Cognitive Performance in Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 12.	1.7	86
48	Time of day is associated with paradoxical reductions in global signal fluctuation and functional connectivity. <i>PLoS Biology</i> , 2020, 18, e3000602.	2.6	85
49	Improvement of brain segmentation accuracy by optimizing non-uniformity correction using N3. <i>NeuroImage</i> , 2009, 48, 73-83.	2.1	83
50	Sleep Deprivation Alters Effort Discounting but not Delay Discounting of Monetary Rewards. <i>Sleep</i> , 2013, 36, 899-904.	0.6	82
51	Sustained benefits of delaying school start time on adolescent sleep and well-being. <i>Sleep</i> , 2018, 41, .	0.6	79
52	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	6.0	74
53	Dorsolateral prefrontal cortex and the implicit association of concepts and attributes. <i>NeuroReport</i> , 2000, 11, 135-140.	0.6	73
54	Frequency of Concrete Words Modulates Prefrontal Activation during Semantic Judgments. <i>NeuroImage</i> , 2002, 16, 259-268.	2.1	71

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55	Sleep deprivation and its effects on object-selective attention. <i>NeuroImage</i> , 2010, 49, 1903-1910.	2.1	71
56	Cortical surface-based searchlight decoding. <i>NeuroImage</i> , 2011, 56, 582-592.	2.1	71
57	Neurobehavioral Impact of Successive Cycles of Sleep Restriction With and Without Naps in Adolescents. <i>Sleep</i> , 2017, 40, .	0.6	71
58	Comparison of block and event-related fMRI designs in evaluating the word-frequency effect. <i>Human Brain Mapping</i> , 2003, 18, 186-193.	1.9	70
59	Rewards boost sustained attention through higher effort: A value-based decision making approach. <i>Biological Psychology</i> , 2016, 120, 21-27.	1.1	70
60	Longitudinal Changes in the Cerebral Cortex Functional Organization of Healthy Elderly. <i>Journal of Neuroscience</i> , 2019, 39, 5534-5550.	1.7	70
61	Sleep Deprivation Alters Valuation Signals in the Ventromedial Prefrontal Cortex. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 70.	1.0	69
62	Effect of Language Switching on Arithmetic: A Bilingual fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 64-74.	1.1	68
63	Presurgical Evaluation of Temporal Lobe Epilepsy Using Interictal Temporal Spikes and Positron Emission Tomography. <i>Archives of Neurology</i> , 1993, 50, 45-48.	4.9	67
64	Progressive Decline in Hippocampal CA1 Volume in Individuals at Ultra-High-Risk for Psychosis Who Do Not Remit: Findings from the Longitudinal Youth at Risk Study. <i>Neuropsychopharmacology</i> , 2017, 42, 1361-1370.	2.8	67
65	Donepezil Improves Episodic Memory in Young Individuals Vulnerable to the Effects of Sleep Deprivation. <i>Sleep</i> , 2009, 32, 999-1010.	0.6	65
66	Effects of sleep deprivation on cortical activation during directed attention in the absence and presence of visual stimuli. <i>NeuroImage</i> , 2011, 58, 595-604.	2.1	65
67	Disrupted salience network functional connectivity and white-matter microstructure in persons at risk for psychosis: findings from the LYRIKS study. <i>Psychological Medicine</i> , 2016, 46, 2771-2783.	2.7	62
68	Memory encoding is impaired after multiple nights of partial sleep restriction. <i>Journal of Sleep Research</i> , 2018, 27, 138-145.	1.7	58
69	Sleep deprivation increases the costs of attentional effort: Performance, preference and pupil size. <i>Neuropsychologia</i> , 2019, 123, 169-177.	0.7	58
70	Auditory stimulation of sleep slow oscillations modulates subsequent memory encoding through altered hippocampal function. <i>Sleep</i> , 2018, 41, .	0.6	57
71	Contextual interference in recognition memory with age. <i>NeuroImage</i> , 2007, 35, 1338-1347.	2.1	56
72	Differential age-dependent associations of gray matter volume and white matter integrity with processing speed in healthy older adults. <i>NeuroImage</i> , 2015, 123, 42-50.	2.1	56

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73	Sleep Deprivation Impairs Object-Selective Attention: A View from the Ventral Visual Cortex. PLoS ONE, 2010, 5, e9087.	1.1	55
74	Poor habitual sleep efficiency is associated with increased cardiovascular and cortisol stress reactivity in men. Psychoneuroendocrinology, 2017, 81, 151-156.	1.3	54
75	Longitudinal brain structure and cognitive changes over 8 years in an East Asian cohort. NeuroImage, 2017, 147, 852-860.	2.1	53
76	Brain-computer-interface-based intervention re-normalizes brain functional network topology in children with attention deficit/hyperactivity disorder. Translational Psychiatry, 2018, 8, 149.	2.4	53
77	Culture-related differences in default network activity during visuo-spatial judgments. Social Cognitive and Affective Neuroscience, 2013, 8, 134-142.	1.5	52
78	Lack of Evidence for Regional Brain Volume or Cortical Thickness Abnormalities in Youths at Clinical High Risk for Psychosis: Findings From the Longitudinal Youth at Risk Study: Table 1.. Schizophrenia Bulletin, 2015, 41, 1285-1293.	2.3	51
79	Word frequency and subsequent memory effects studied using event-related fMRI. NeuroImage, 2003, 20, 1042-1051.	2.1	50
80	Strategic differences in algebraic problem solving: Neuroanatomical correlates. Brain Research, 2007, 1155, 163-171.	1.1	50
81	Investigation and validation of intersite fMRI studies using the same imaging hardware. Journal of Magnetic Resonance Imaging, 2008, 28, 21-28.	1.9	48
82	Sleep deprivation increases formation of false memory. Journal of Sleep Research, 2016, 25, 673-682.	1.7	48
83	Reduced visual processing capacity in sleep deprived persons. NeuroImage, 2011, 55, 629-634.	2.1	47
84	Associations Between Elevated Homocysteine, Cognitive Impairment, and Reduced White Matter Volume in Healthy Old Adults. American Journal of Geriatric Psychiatry, 2013, 21, 164-172.	0.6	45
85	Time-on-task and sleep deprivation effects are evidenced in overlapping brain areas. NeuroImage, 2013, 82, 326-335.	2.1	44
86	Towards an Objective Measure of Mindfulness: Replicating and Extending the Features of the Breath-Counting Task. Mindfulness, 2018, 9, 1402-1410.	1.6	44
87	Sleep Deprived and Sweating It Out: The Effects of Total Sleep Deprivation on Skin Conductance Reactivity to Psychosocial Stress. Sleep, 2015, 38, 155-159.	0.6	42
88	Young Adults' Sleep Duration on Work Days: Differences between East and West. Frontiers in Neurology, 2014, 5, 81.	1.1	41
89	Co-activated yet disconnected Neural correlates of eye closures when trying to stay awake. NeuroImage, 2015, 118, 553-562.	2.1	41
90	Dynamic functional connectivity and its behavioral correlates beyond vigilance. NeuroImage, 2018, 177, 1-10.	2.1	41

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91	Functional connectivity and the sleep-deprived brain. <i>Progress in Brain Research</i> , 2019, 246, 159-176.	0.9	41
92	Stimulus repetition and hemodynamic response refractoriness in event-related fMRI. <i>Human Brain Mapping</i> , 2003, 20, 1-12.	1.9	40
93	Adolescent sleep restriction effects on cognition and mood. <i>Progress in Brain Research</i> , 2019, 246, 55-71.	0.9	40
94	Associations of time spent on homework or studying with nocturnal sleep behavior and depression symptoms in adolescents from Singapore. <i>Sleep Health</i> , 2020, 6, 758-766.	1.3	38
95	EEG Changes across Multiple Nights of Sleep Restriction and Recovery in Adolescents: The Need for Sleep Study. <i>Sleep</i> , 2016, 39, 1233-1240.	0.6	37
96	Large-scale data from wearables reveal regional disparities in sleep patterns that persist across age and sex. <i>Scientific Reports</i> , 2019, 9, 3415.	1.6	36
97	Sleepless night, restless mind: Effects of sleep deprivation on mind wandering.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 1312-1318.	1.5	35
98	Multi-Night Validation of a Sleep Tracking Ring in Adolescents Compared with a Research Actigraph and Polysomnography. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 177-190.	1.4	35
99	Functional imaging correlates of impaired distractor suppression following sleep deprivation. <i>NeuroImage</i> , 2012, 61, 50-55.	2.1	34
100	Modulating rest-break length induces differential recruitment of automatic and controlled attentional processes upon task reengagement. <i>NeuroImage</i> , 2016, 134, 64-73.	2.1	31
101	Sleep Reduces False Memory in Healthy Older Adults. <i>Sleep</i> , 2014, 37, 665-671.	0.6	30
102	Classifying Vulnerability to Sleep Deprivation Using Baseline Measures of Psychomotor Vigilance. <i>Sleep</i> , 2015, 38, 723-734.	0.6	29
103	Preserved Working Memory and Altered Brain Activation in Persons at Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2013, 170, 1297-1307.	4.0	27
104	The effects of sleep on prospective memory: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2019, 47, 18-27.	3.8	27
105	Differential effects of split and continuous sleep on neurobehavioral function and glucose tolerance in sleep-restricted adolescents. <i>Sleep</i> , 2019, 42, .	0.6	26
106	Positive Effects of Mindfulness-Based Training on Energy Maintenance and the EEG Correlates of Sustained Attention in a Cohort of Nurses. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 80.	1.0	25
107	Reopening after lockdown: the influence of working-from-home and digital device use on sleep, physical activity, and wellbeing following COVID-19 lockdown and reopening. <i>Sleep</i> , 2022, 45, .	0.6	25
108	Acute ophthalmoplegia with pupillary areflexia associated with anti-GQ1b antibody. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 658-660.	0.8	24

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109	Dissociating language and word meaning in the bilingual brain. <i>Trends in Cognitive Sciences</i> , 2006, 10, 527-529.	4.0	24
110	Predicting vulnerability to sleep deprivation using diffusion model parameters. <i>Journal of Sleep Research</i> , 2014, 23, 576-584.	1.7	24
111	Ageing and loss decision making: increased risk aversion and decreased use of maximizing information, with correlated rationality and value maximization. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 280.	1.0	24
112	Sleep restriction can attenuate prioritization benefits on declarative memory consolidation. <i>Journal of Sleep Research</i> , 2016, 25, 664-672.	1.7	24
113	Vigilance declines following sleep deprivation are associated with two previously identified dynamic connectivity states. <i>NeuroImage</i> , 2019, 200, 382-390.	2.1	24
114	Now You Hear Me, Now You Don't: Eyelid Closures as an Indicator of Auditory Task Disengagement. <i>Sleep</i> , 2013, 36, 1867-1874.	0.6	22
115	Limitations on visual information processing in the sleep-deprived brain and their underlying mechanisms. <i>Current Opinion in Behavioral Sciences</i> , 2015, 1, 56-63.	2.0	22
116	Degradation of cortical representations during encoding following sleep deprivation. <i>NeuroImage</i> , 2017, 153, 131-138.	2.1	22
117	A daytime nap restores hippocampal function and improves declarative learning. <i>Sleep</i> , 2020, 43, .	0.6	22
118	Culture positive tuberculous meningitis: clinical indicators of poor prognosis. <i>Clinical Neurology and Neurosurgery</i> , 1999, 101, 157-160.	0.6	21
119	Reproducibility of the word frequency effect: comparison of signal change and voxel counting. <i>NeuroImage</i> , 2003, 18, 468-482.	2.1	21
120	The long-term memory benefits of a daytime nap compared with cramming. <i>Sleep</i> , 2019, 42, .	0.6	21
121	Cognitive effects of split and continuous sleep schedules in adolescents differ according to total sleep opportunity. <i>Sleep</i> , 2020, 43, .	0.6	21
122	A split sleep schedule rescues short-term topographical memory after multiple nights of sleep restriction. <i>Sleep</i> , 2019, 42, .	0.6	21
123	fMR-Adaptation and the bilingual brain. <i>Brain and Language</i> , 2009, 109, 75-79.	0.8	20
124	Trait-like nocturnal sleep behavior identified by combining wearable, phone-use, and self-report data. <i>Npj Digital Medicine</i> , 2021, 4, 90.	5.7	20
125	Sleep deprivation reduces the rate of rapid picture processing. <i>NeuroImage</i> , 2014, 91, 169-176.	2.1	19
126	ENIGMA Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021, 30, e13347.	1.7	19

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127	Recognition memory for studied words is determined by cortical activation differences at encoding but not during retrieval. <i>NeuroImage</i> , 2004, 22, 1456-1465.	2.1	18
128	Sleep Restriction Impairs Vocabulary Learning when Adolescents Cram for Exams: The Need for Sleep Study. <i>Sleep</i> , 2016, 39, 1681-1690.	0.6	18
129	Splitting sleep between the night and a daytime nap reduces homeostatic sleep pressure and enhances long-term memory. <i>Scientific Reports</i> , 2021, 11, 5275.	1.6	18
130	A longitudinal analysis of COVID-19 lockdown stringency on sleep and resting heart rate measures across 20 countries. <i>Scientific Reports</i> , 2021, 11, 14413.	1.6	18
131	Fulminant Guillain-Barré syndrome with quadriplegia and total paresis of motor cranial nerves as a result of segmental demyelination. <i>Journal of the Neurological Sciences</i> , 1995, 134, 203-206.	0.3	17
132	Preparatory patterns of neural activity predict visual category search speed. <i>NeuroImage</i> , 2013, 66, 215-222.	2.1	17
133	Hippocampal Volumetry with Magnetic Resonance Imaging: A Cost-Effective Validated Solution. <i>Epilepsia</i> , 1997, 38, 461-465.	2.6	16
134	Assessing the benefits of napping and short rest breaks on processing speed in sleep-restricted adolescents. <i>Journal of Sleep Research</i> , 2017, 26, 219-226.	1.7	16
135	EEG Changes Accompanying Successive Cycles of Sleep Restriction With and Without Naps in Adolescents. <i>Sleep</i> , 2017, 40, .	0.6	16
136	Functional segregation loss over time is moderated by <i>APOE</i> genotype in healthy elderly. <i>Human Brain Mapping</i> , 2018, 39, 2742-2752.	1.9	16
137	Large-Scale Network Topology Reveals Heterogeneity in Individuals With at Risk Mental State for Psychosis: Findings From the Longitudinal Youth-at-Risk Study. <i>Cerebral Cortex</i> , 2018, 28, 4234-4243.	1.6	16
138	Does splitting sleep improve long-term memory in chronically sleep deprived adolescents?. <i>Npj Science of Learning</i> , 2019, 4, 8.	1.5	16
139	Evaluation of performance metrics for bias field correction in MR brain images. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1271-1279.	1.9	15
140	Motivation alters implicit temporal attention through sustained and transient mechanisms: A behavioral and pupillometric study. <i>Psychophysiology</i> , 2018, 55, e13275.	1.2	15
141	Inter-relationships between attention, activation, fMR adaptation and long-term memory. <i>NeuroImage</i> , 2007, 37, 1487-1495.	2.1	14
142	Computing solutions to algebraic problems using a symbolic versus a schematic strategy. <i>ZDM - International Journal on Mathematics Education</i> , 2010, 42, 591-605.	1.3	14
143	Dietary disinhibition modulates neural valuation of food in the fed and fasted states. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 919-925.	2.2	14
144	Sleep Deprivation Accelerates Delay-Related Loss of Visual Short-Term Memories Without Affecting Precision. <i>Sleep</i> , 2013, 36, 849-856.	0.6	14

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145	Losses Motivate Cognitive Effort More Than Gains in Effort-Based Decision Making and Performance. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 287.	1.0	14
146	Memory performance following napping in habitual and non-habitual nappers. <i>Sleep</i> , 2021, 44, .	0.6	14
147	Multi-Night at-Home Evaluation of Improved Sleep Detection and Classification with a Memory-Enhanced Consumer Sleep Tracker. <i>Nature and Science of Sleep</i> , 2022, Volume 14, 645-660.	1.4	14
148	Sleep lengthening in late adulthood signals increased risk of mortality. <i>Sleep</i> , 2018, 41, .	0.6	13
149	Respiratory, cardiac, EEG, BOLD signals and functional connectivity over multiple microsleep episodes. <i>NeuroImage</i> , 2021, 237, 118129.	2.1	13
150	Preserved calibration of persistence based on delay-timing distribution during sleep deprivation. <i>Journal of Sleep Research</i> , 2015, 24, 673-679.	1.7	12
151	Increased Automaticity and Altered Temporal Preparation Following Sleep Deprivation. <i>Sleep</i> , 2015, 38, 1219-1227.	0.6	12
152	Smaller size of high metabolic rate organs explains lower resting energy expenditure in Asian-Indian Than Chinese men. <i>International Journal of Obesity</i> , 2016, 40, 633-638.	1.6	12
153	Slow wave sleep facilitates spontaneous retrieval in prospective memory. <i>Sleep</i> , 2019, 42, .	0.6	12
154	Cognitive effects of multi-night adolescent sleep restriction: current data and future possibilities. <i>Current Opinion in Behavioral Sciences</i> , 2020, 33, 34-41.	2.0	12
155	Multiple nights of partial sleep deprivation do not affect prospective remembering at long delays. <i>Sleep Medicine</i> , 2018, 44, 19-23.	0.8	11
156	Multi-Night Sleep Restriction Impairs Long-Term Retention of Factual Knowledge in Adolescents. <i>Journal of Adolescent Health</i> , 2019, 65, 549-557.	1.2	11
157	Trait-like characteristics of sleep EEG power spectra in adolescents across sleep opportunity manipulations. <i>Journal of Sleep Research</i> , 2019, 28, e12824.	1.7	11
158	Evaluation of an interactive school-based sleep education program: a cluster-randomized controlled trial. <i>Sleep Health</i> , 2020, 6, 137-144.	1.3	11
159	Degradation of neural representations in higher visual cortex by sleep deprivation. <i>Scientific Reports</i> , 2017, 7, 45532.	1.6	10
160	The Singapore flagship programme in translational and clinical research in psychosis. <i>Microbial Biotechnology</i> , 2011, 5, 290-300.	0.9	8
161	Functional imaging of inter-individual differences in response to sleep deprivation. , 2013, , 154-162.		8
162	Odd one out: social ostracism affects self-reported needs in both sleep-deprived and well-rested persons. <i>Journal of Sleep Research</i> , 2014, 23, 448-457.	1.7	8

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163	Procedural performance following sleep deprivation remains impaired despite extended practice and an afternoon nap. <i>Scientific Reports</i> , 2016, 6, 36001.	1.6	8
164	Functional Imaging of Primary Insomnia: New Images and Fresh Opportunities. <i>Sleep</i> , 2013, 36, 1273-1274.	0.6	7
165	Neuroimaging of attention and alteration of processing capacity in sleep-deprived persons. , 2013, , 137-144.		7
166	Schema-driven memory benefits boost transitive inference in older adults.. <i>Psychology and Aging</i> , 2021, 36, 463-474.	1.4	7
167	Sleep-dependent prospective memory consolidation is impaired with aging. <i>Sleep</i> , 2021, 44, .	0.6	6
168	Speech and the Dominant Superior Frontal Gyrus: Correlation of Ictal Symptoms, EEG, and Results of Surgical Resection. <i>Journal of Clinical Neurophysiology</i> , 1997, 14, 226-229.	0.9	6
169	Face encoding and psychometric testing in healthy dextrals with right hemisphere language. <i>Neurology</i> , 2002, 59, 1928-1934.	1.5	5
170	Sleep improves memory for the content but not execution of intentions in adolescents. <i>Sleep Medicine</i> , 2019, 56, 111-116.	0.8	5
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