

Rebecca M C Spencer

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

4,933
citations

136950

32
h-index

98798

67
g-index

91
all docs

91
docs citations

91
times ranked

4743
citing authors

#	ARTICLE	IF	CITATIONS
1	The neural representation of time. <i>Current Opinion in Neurobiology</i> , 2004, 14, 225-232.	4.2	691
2	Disrupted Timing of Discontinuous But Not Continuous Movements by Cerebellar Lesions. <i>Science</i> , 2003, 300, 1437-1439.	12.6	427
3	Reliability of Sleep Measures from Four Personal Health Monitoring Devices Compared to Research-Based Actigraphy and Polysomnography. <i>Sensors</i> , 2016, 16, 646.	3.8	248
4	Processing of Emotional Reactivity and Emotional Memory over Sleep. <i>Journal of Neuroscience</i> , 2012, 32, 1035-1042.	3.6	214
5	Sleep spindles in midday naps enhance learning in preschool children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17267-17272.	7.1	187
6	Age-related changes in the cognitive function of sleep. <i>Progress in Brain Research</i> , 2011, 191, 75-89.	1.4	173
7	Age-related decline of sleep-dependent consolidation. <i>Learning and Memory</i> , 2007, 14, 480-484.	1.3	159
8	Dissociation of explicit and implicit timing in repetitive tapping and drawing movements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 575-588.	0.9	157
9	Sleep modulates word-pair learning but not motor sequence learning in healthy older adults. <i>Neurobiology of Aging</i> , 2012, 33, 991-1000.	3.1	141
10	Sleep promotes consolidation and generalization of extinction learning in simulated exposure therapy for spider fear. <i>Journal of Psychiatric Research</i> , 2012, 46, 1036-1044.	3.1	133
11	Dissociation of explicit and implicit timing in repetitive tapping and drawing movements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 575-588.	0.9	122
12	Comparison of patients with Parkinson's disease or cerebellar lesions in the production of periodic movements involving event-based or emergent timing. <i>Brain and Cognition</i> , 2005, 58, 84-93.	1.8	118
13	Sleep-Dependent Consolidation of Contextual Learning. <i>Current Biology</i> , 2006, 16, 1001-1005.	3.9	113
14	Napping promotes inter-session habituation to emotional stimuli. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 24-36.	1.9	103
15	Cerebellar activation during discrete and not continuous timed movements: An fMRI study. <i>NeuroImage</i> , 2007, 36, 378-387.	4.2	93
16	Sleep and human cognitive development. <i>Sleep Medicine Reviews</i> , 2021, 57, 101472.	8.5	92
17	Neural Substrates of Impaired Sensorimotor Timing in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 359-367.	1.3	91
18	Exploring the nap paradox: are mid-day sleep bouts a friend or foe?. <i>Sleep Medicine</i> , 2017, 37, 88-97.	1.6	81

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19	Extinction of conditioned fear is better learned and recalled in the morning than in the evening. <i>Journal of Psychiatric Research</i> , 2013, 47, 1776-1784.	3.1	77
20	Sleep-Dependent Memory Consolidation in Healthy Aging and Mild Cognitive Impairment. <i>Current Topics in Behavioral Neurosciences</i> , 2014, 25, 307-330.	1.7	70
21	Role of the cerebellum in movements: control of timing or movement transitions?. <i>Experimental Brain Research</i> , 2005, 161, 383-396.	1.5	69
22	Timing Variability in Circle Drawing and Tapping: Probing the Relationship Between Event and Emergent Timing. <i>Journal of Motor Behavior</i> , 2005, 37, 395-403.	0.9	68
23	Evaluating dedicated and intrinsic models of temporal encoding by varying context. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1853-1863.	4.0	57
24	Sleep protects memories from interference in older adults. <i>Neurobiology of Aging</i> , 2015, 36, 2272-2281.	3.1	49
25	Sequence Learning is Preserved in Individuals with Cerebellar Degeneration when the Movements are Directly Cued. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1302-1310.	2.3	48
26	Age-related Changes in the Sleep-dependent Reorganization of Declarative Memories. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 792-802.	2.3	48
27	Weber (Slope) Analyses of Timing Variability in Tapping and Drawing Tasks. <i>Journal of Motor Behavior</i> , 2003, 35, 371-381.	0.9	47
28	Sleep-dependent modulation of affectively guided decision-making. <i>Journal of Sleep Research</i> , 2012, 21, 30-39.	3.2	47
29	Sleep Tight, Act Right: Negative Affect, Sleep and Behavior Problems During Early Childhood. <i>Child Development</i> , 2018, 89, e42-e59.	3.0	46
30	Bimanual Coordination During Rhythmic Movements in the Absence of Somatosensory Feedback. <i>Journal of Neurophysiology</i> , 2005, 94, 2901-2910.	1.8	43
31	Interaction of Sleep and Emotional Content on the Production of False Memories. <i>PLoS ONE</i> , 2012, 7, e49353.	2.5	38
32	Emotional bias of sleep-dependent processing shifts from negative to positive with aging. <i>Neurobiology of Aging</i> , 2016, 45, 178-189.	3.1	37
33	Evaluating the role of the cerebellum in temporal processing: beware of the null hypothesis. <i>Brain</i> , 2004, 127, E13-E13.	7.6	33
34	Delayed benefit of naps on motor learning in preschool children. <i>Experimental Brain Research</i> , 2016, 234, 763-772.	1.5	33
35	REM-dependent repair of competitive memory suppression. <i>Experimental Brain Research</i> , 2010, 203, 471-477.	1.5	32
36	The interactive effects of nocturnal sleep and daytime naps in relation to serum C-reactive protein. <i>Sleep Medicine</i> , 2015, 16, 1213-1216.	1.6	32

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37	Cerebellum and Timing. , 2013, , 1201-1219.		30
38	Maternal Depressive Symptoms and Household Income in Relation to Sleep in Early Childhood. Journal of Pediatric Psychology, 2016, 41, 961-970.	2.1	27
39	Napping reduces emotional attention bias during early childhood. Developmental Science, 2017, 20, e12411.	2.4	27
40	Mild Traumatic Brain Injury Chronically Impairs Sleep- and Wake-Dependent Emotional Processing. Sleep, 2017, 40, .	1.1	26
41	Novel word learning in older adults: A role for sleep?. Brain and Language, 2017, 167, 106-113.	1.6	25
42	Continuous Re-Exposure to Environmental Sound Cues During Sleep Does Not Improve Memory for Semantically Unrelated Word Pairs. Journal of Cognitive Education and Psychology, 2011, 10, 167-177.	0.2	25
43	Emotional trait and memory associates of sleep timing and quality. Psychiatry Research, 2015, 229, 999-1010.	3.3	24
44	Television use and its effects on sleep in early childhood. Sleep Health, 2019, 5, 241-247.	2.5	23
45	Age-related changes in consolidation of perceptual and muscle-based learning of motor skills. Frontiers in Aging Neuroscience, 2013, 5, 83.	3.4	21
46	Finger tapping and pre-attentive sensorimotor timing in adults with ADHD. Experimental Brain Research, 2017, 235, 3663-3672.	1.5	21
47	Sleep-dependent enhancement of emotional memory in early childhood. Scientific Reports, 2018, 8, 12609.	3.3	21
48	The effects of bed sharing on sleep: From partners to pets. Sleep Health, 2021, 7, 314-323.	2.5	21
49	The role of sleep in emotional memory processing in middle age. Neurobiology of Learning and Memory, 2018, 155, 208-215.	1.9	20
50	Slow wave sleep in naps supports episodic memories in early childhood. Developmental Science, 2021, 24, e13035.	2.4	20
51	Consolidation of novel word learning in native English-speaking adults. Memory, 2016, 24, 471-481.	1.7	19
52	REM theta activity enhances inhibitory control in typically developing children but not children with ADHD symptoms. Experimental Brain Research, 2017, 235, 1491-1500.	1.5	18
53	Sleep benefits consolidation of visuo-motor adaptation learning in older adults. Experimental Brain Research, 2016, 234, 587-595.	1.5	17
54	Habitual sleep is associated with both source memory and hippocampal subfield volume during early childhood. Scientific Reports, 2020, 10, 15304.	3.3	17

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55	Neurophysiological Basis of Sleep's Function on Memory and Cognition. <i>ISRN Physiology</i> , 2013, 2013, 1-17.	0.4	16
56	Sleep and behavior of preschool children under typical and nap-promoted conditions. <i>Sleep Health</i> , 2016, 2, 35-41.	2.5	16
57	Sleep and Memory Consolidation. , 2017, , 205-223.		16
58	The temporal representation of in-phase and anti-phase movements. <i>Human Movement Science</i> , 2007, 26, 226-234.	1.4	15
59	Sleep-Dependent Consolidation of Value-Based Learning. <i>PLoS ONE</i> , 2013, 8, e75326.	2.5	15
60	Altered sleep composition after traumatic brain injury does not affect declarative sleep-dependent memory consolidation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 328.	2.0	15
61	Insufficient chunk concatenation may underlie changes in sleep-dependent consolidation of motor sequence learning in older adults. <i>Learning and Memory</i> , 2016, 23, 455-459.	1.3	15
62	Naps Enhance Executive Attention in Preschool-Aged Children. <i>Journal of Pediatric Psychology</i> , 2017, 42, 837-845.	2.1	15
63	Positive emotional attention bias in young children with symptoms of ADHD. <i>Child Neuropsychology</i> , 2018, 24, 1137-1145.	1.3	15
64	Encoding and consolidation of motor sequence learning in young and older adults. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107508.	1.9	15
65	Sleep preserves subjective and sympathetic emotional response of memories. <i>Neurobiology of Learning and Memory</i> , 2019, 166, 107096.	1.9	14
66	Impaired visuomotor adaptation in adults with ADHD. <i>Experimental Brain Research</i> , 2015, 233, 1145-1153.	1.5	13
67	Effects of Sleep Extension on Inhibitory Control in Children With ADHD: A Pilot Study. <i>Journal of Attention Disorders</i> , 2020, 24, 601-610.	2.6	13
68	Cross-Validation of Two Accelerometers for Assessment of Physical Activity and Sedentary Time in Preschool Children. <i>Pediatric Exercise Science</i> , 2017, 29, 268-277.	1.0	12
69	Unhealthy Diet Is Associated With Poor Sleep in Preschool-Aged Children. <i>Journal of Genetic Psychology</i> , 2021, 182, 289-303.	1.2	12
70	An event-based account of coordination stability. <i>Psychonomic Bulletin and Review</i> , 2006, 13, 702-710.	2.8	11
71	Sleep and Coping in Early Childhood During the COVID-19 Pandemic. <i>Frontiers in Pediatrics</i> , 2021, 9, 716608.	1.9	11
72	The Effects of Sleep Dysfunction on Cognition, Affect, and Quality of Life in Individuals with Cerebellar Ataxia. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 535-543.	2.6	9

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73	Emotional Memory Moderates the Relationship Between Sigma Activity and Sleep-Related Improvement in Affect. <i>Frontiers in Psychology</i> , 2019, 10, 500.	2.1	9
74	Cross-Sectional Associations of 24-Hour Sedentary Time, Physical Activity, and Sleep Duration Compositions with Sleep Quality and Habits in Preschoolers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7148.	2.6	9
75	Ageing-related changes in nap neurooscillatory activity are mediated and moderated by grey matter volume. <i>European Journal of Neuroscience</i> , 2021, 54, 7332-7354.	2.6	7
76	Role of Napping for Learning Across the Lifespan. <i>Current Sleep Medicine Reports</i> , 2020, 6, 290-297.	1.4	6
77	Should you Sleep on it? The Effects of Overnight Sleep on Subjective Preference-based Choice. <i>Journal of Behavioral Decision Making</i> , 2017, 30, 70-79.	1.7	5
78	Bedsharing in Early Childhood: Frequency, Partner Characteristics, and Relations to Sleep. <i>Journal of Genetic Psychology</i> , 2021, 182, 269-288.	1.2	5
79	The role of naps in memory and executive functioning in early childhood. <i>Advances in Child Development and Behavior</i> , 2021, 60, 139-158.	1.3	4
80	Parents' Nonstandard Work and Children's Sleep: The Mediating Role of Bedtime Routines. <i>Journal of Pediatric Psychology</i> , 2021, 46, 719-728.	2.1	4
81	The memory benefits of two naps per day during infancy: A pilot investigation. , 2021, 65, 101647.		4
82	Temporal relationships between device-derived sedentary behavior, physical activity, and sleep in early childhood. <i>Sleep</i> , 2022, 45, .	1.1	3
83	Sleep Loss in Older Adults: Effects on Waking Performance and Sleep-Dependent Memory Consolidation with Healthy Aging and Insomnia. , 2014, , 185-197.		2
84	Naps Do Not Change Delay Discounting Behavior in Young Adults. <i>Frontiers in Psychology</i> , 2018, 9, 921.	2.1	2
85	Aging-Related Changes in Cortical Sources of Sleep Oscillatory Neural Activity Following Motor Learning Reflect Contributions of Cortical Thickness and Pre-sleep Functional Activity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 787654.	3.4	2
86	Goal-based representation in repetitive bimanual movements. <i>International Journal of Sport and Exercise Psychology</i> , 2004, 2, 239-254.	2.1	1
87	Measuring Neural Mechanisms Underlying Sleep-Dependent Memory Consolidation During Naps in Early Childhood. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
88	0254 Co-sleeping And Sleep Quality In Preschool Children: Do Consistency And Partner Matter?. <i>Sleep</i> , 2019, 42, A104-A104.	1.1	1
89	Sleep enhances reconsolidation-based strengthening of visuospatial memories. <i>Scientific Reports</i> , 2022, 12, 7307.	3.3	1
90	The Science of Dreams. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	0

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91	Cerebellum and Timing , 2022, , 1359-1377.		0