

Sean PA Drummond

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

6,505
citations

76326

40
h-index

69250

77
g-index

103
all docs

103
docs citations

103
times ranked

6659
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered brain response to verbal learning following sleep deprivation. <i>Nature</i> , 2000, 403, 655-657.	27.8	563
2	Who are the long sleepers? Towards an understanding of the mortality relationship. <i>Sleep Medicine Reviews</i> , 2007, 11, 341-360.	8.5	343
3	Sleep deprivation-induced reduction in cortical functional response to serial subtraction. <i>NeuroReport</i> , 1999, 10, 3745-3748.	1.2	321
4	Functional MRI of inhibitory processing in abstinent adolescent marijuana users. <i>Psychopharmacology</i> , 2007, 194, 173-183.	3.1	284
5	The Critical Role of Sleep Spindles in Hippocampal-Dependent Memory: A Pharmacology Study. <i>Journal of Neuroscience</i> , 2013, 33, 4494-4504.	3.6	260
6	The Effects of Total Sleep Deprivation on Cerebral Responses to Cognitive Performance. <i>Neuropsychopharmacology</i> , 2001, 25, S68-S73.	5.4	243
7	Effects of two nights sleep deprivation and two nights recovery sleep on response inhibition. <i>Journal of Sleep Research</i> , 2006, 15, 261-265.	3.2	230
8	Increased cerebral response during a divided attention task following sleep deprivation. <i>Journal of Sleep Research</i> , 2001, 10, 85-92.	3.2	224
9	The effects of one night of sleep deprivation on known-risk and ambiguous-risk decisions. <i>Journal of Sleep Research</i> , 2007, 16, 245-252.	3.2	196
10	Performance of seven consumer sleep-tracking devices compared with polysomnography. <i>Sleep</i> , 2021, 44, .	1.1	194
11	Traumatic Brain Injury and Sleep Disturbance. <i>Journal of Head Trauma Rehabilitation</i> , 2009, 24, 155-165.	1.7	177
12	Neural Correlates of Working Memory Performance in Primary Insomnia. <i>Sleep</i> , 2013, 36, 1307-1316.	1.1	162
13	Wearable technologies for developing sleep and circadian biomarkers: a summary of workshop discussions. <i>Sleep</i> , 2020, 43, .	1.1	160
14	Compensatory recruitment after sleep deprivation and the relationship with performance. <i>Psychiatry Research - Neuroimaging</i> , 2005, 140, 211-223.	1.8	156
15	Discrepancy Between Subjective Symptomatology and Objective Neuropsychological Performance in Insomnia. <i>Sleep</i> , 2007, 30, 1205-1211.	1.1	134
16	Comparing the benefits of caffeine, naps and placebo on verbal, motor and perceptual memory. <i>Behavioural Brain Research</i> , 2008, 193, 79-86.	2.2	124
17	Relationship Between Obstructive Sleep Apnea Severity and Brain Activation During a Sustained Attention Task. <i>Sleep</i> , 2009, 32, 373-381.	1.1	115
18	Treating nightmares and insomnia in posttraumatic stress disorder: A review of current evidence. <i>Neuropharmacology</i> , 2012, 62, 576-585.	4.1	115

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19	Increased brain activation during verbal learning in obstructive sleep apnea. <i>NeuroImage</i> , 2006, 31, 1817-1825.	4.2	113
20	Infant Sleep Architecture During Bedsharing and Possible Implications for SIDS. <i>Sleep</i> , 1996, 19, 677-684.	1.1	92
21	Obstructive Sleep Apnea and Age. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 413-419.	5.6	92
22	Actigraphic assessment of a polysomnographic-recorded nap: a validation study. <i>Journal of Sleep Research</i> , 2011, 20, 214-222.	3.2	84
23	Effects of 42 hr of total sleep deprivation on component processes of verbal working memory.. <i>Neuropsychology</i> , 2007, 21, 787-795.	1.3	80
24	Sleep and mental health in athletes during COVID-19 lockdown. <i>Sleep</i> , 2021, 44, .	1.1	80
25	The Effects of Two Types of Sleep Deprivation on Visual Working Memory Capacity and Filtering Efficiency. <i>PLoS ONE</i> , 2012, 7, e35653.	2.5	78
26	Functional imaging of the sleeping brain: review of findings and implications for the study of insomnia. <i>Sleep Medicine Reviews</i> , 2004, 8, 227-242.	8.5	77
27	Obstructive Sleep Apnea and Posttraumatic Stress Disorder among OEF/OIF/OND Veterans. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 513-518.	2.6	74
28	Fear Conditioning, Safety Learning, and Sleep in Humans. <i>Journal of Neuroscience</i> , 2014, 34, 11754-11760.	3.6	72
29	Sleep Variability in Military-Related PTSD: A Comparison to Primary Insomnia and Healthy Controls. <i>Journal of Traumatic Stress</i> , 2015, 28, 8-16.	1.8	72
30	Experimental studies of infant-parent co-sleeping: mutual physiological and behavioral influences and their relevance to SIDS (sudden infant death syndrome). <i>Early Human Development</i> , 1994, 38, 187-201.	1.8	70
31	Effectiveness of Imagery Rehearsal Therapy for the Treatment of Combat-Related Nightmares in Veterans. <i>Behavior Therapy</i> , 2010, 41, 237-244.	2.4	62
32	Prevalence and Mental Health Correlates of Insomnia in First-Encounter Veterans with and without Military Sexual Trauma. <i>Sleep</i> , 2015, 38, 1547-1554.	1.1	62
33	Validity, potential clinical utility, and comparison of consumer and research-grade activity trackers in Insomnia Disorder I: In-lab validation against polysomnography. <i>Journal of Sleep Research</i> , 2020, 29, e12931.	3.2	54
34	The Effects of Transdermal Nicotine Therapy for Smoking Cessation on Depressive Symptoms in Patients with Major Depression. <i>Neuropsychopharmacology</i> , 2001, 24, 350-358.	5.4	53
35	Altered brain activation during response inhibition in obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2009, 18, 204-208.	3.2	53
36	Prevalence and Mental Health Correlates of Sleep Disruption Among Military Members Serving in a Combat Zone. <i>Military Medicine</i> , 2014, 179, 744-751.	0.8	52

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37	Physical Fitness Influences Stress Reactions to Extreme Military Training. <i>Military Medicine</i> , 2008, 173, 738-742.	0.8	51
38	Sleeping Position, Orientation, and Proximity in Bedsharing Infants and Mothers. <i>Sleep</i> , 1996, 19, 685-690.	1.1	49
39	Sleep deprivation impairs performance in the 5-choice continuous performance test: Similarities between humans and mice. <i>Behavioural Brain Research</i> , 2014, 261, 40-48.	2.2	49
40	Personal sleep debt and daytime sleepiness mediate the relationship between sleep and mental health outcomes in young adults. <i>Depression and Anxiety</i> , 2018, 35, 775-783.	4.1	45
41	Associations between circadian activity rhythms and functional brain abnormalities among euthymic bipolar patients: A preliminary study. <i>Journal of Affective Disorders</i> , 2014, 164, 101-106.	4.1	42
42	On the need of objective vigilance monitoring: effects of sleep loss on target detection and task-negative activity using combined EEG/fMRI. <i>Frontiers in Neurology</i> , 2012, 3, 67.	2.4	40
43	Sex differences in mouse models of fear inhibition: Fear extinction, safety learning, and fear safety discrimination. <i>British Journal of Pharmacology</i> , 2019, 176, 4149-4158.	5.4	40
44	Sleep Deprivation Disrupts Recall of Conditioned Fear Extinction. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 123-129.	1.5	36
45	Sleep architecture in adolescent marijuana and alcohol users during acute and extended abstinence. <i>Addictive Behaviors</i> , 2009, 34, 976-979.	3.0	32
46	Partner-assisted cognitive behavioural therapy for insomnia versus cognitive behavioural therapy for insomnia: a randomised controlled trial. <i>Trials</i> , 2019, 20, 262.	1.6	32
47	Piloting cognitive behavioral therapy for insomnia integrated with prolonged exposure.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2019, 11, 107-113.	2.1	32
48	Going direct to the consumer: Examining treatment preferences for veterans with insomnia, PTSD, and depression. <i>Psychiatry Research</i> , 2018, 263, 108-114.	3.3	31
49	Decreased Perfusion in Young Alcohol-Dependent Women as Compared With Age-Matched Controls. <i>American Journal of Drug and Alcohol Abuse</i> , 2007, 33, 13-19.	2.1	30
50	The Effects of Sleep Deprivation on Brain Functioning in Older Adults. <i>Behavioral Sleep Medicine</i> , 2015, 13, 324-345.	2.1	30
51	The impact of sleep deprivation and task difficulty on networks of fMRI brain response. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 591-597.	1.8	29
52	The ability to self-monitor cognitive performance during 60h total sleep deprivation and following 2nights recovery sleep. <i>Journal of Sleep Research</i> , 2018, 27, e12633.	3.2	27
53	Validity, potential clinical utility and comparison of a consumer activity tracker and a research-grade activity tracker in insomnia disorder II: Outside the laboratory. <i>Journal of Sleep Research</i> , 2020, 29, e12944.	3.2	26
54	The wake maintenance zone shows task dependent changes in cognitive function following one night without sleep. <i>Sleep</i> , 2018, 41, .	1.1	25

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55	REM sleep and safety signal learning in posttraumatic stress disorder: A preliminary study in military veterans. <i>Neurobiology of Stress</i> , 2018, 9, 22-28.	4.0	25
56	Imaging Individual Differences in the Response of the Human Suprachiasmatic Area to Light. <i>Frontiers in Neurology</i> , 2018, 9, 1022.	2.4	23
57	Perceptual Deterioration is Reflected in the Neural Response: Fmri Study of Nappers and Non-Nappers. <i>Perception</i> , 2008, 37, 1086-1097.	1.2	21
58	Performance of a Portable Sleep Monitoring Device in Individuals with High Versus Low Sleep Efficiency. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 95-103.	2.6	21
59	Elements of the therapeutic relationship in CBT for anxiety disorders: A systematic review. <i>Journal of Anxiety Disorders</i> , 2020, 76, 102322.	3.2	21
60	Sleep-dependent learning and practice-dependent deterioration in an orientation discrimination task.. <i>Behavioral Neuroscience</i> , 2008, 122, 267-272.	1.2	20
61	Pilot Validation of Ambulatory Activity Monitors for Sleep Measurement in Huntington's Disease Gene Carriers. <i>Journal of Huntington's Disease</i> , 2017, 6, 249-253.	1.9	20
62	Approaches to the assessment of adherence to CBT-I, predictors of adherence, and the association of adherence to outcomes: A systematic review. <i>Sleep Medicine Reviews</i> , 2022, 63, 101620.	8.5	20
63	Trait Anxiety and Salivary Cortisol During Free Living and Military Stress. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 129-135.	0.5	19
64	The effects of sleep restriction and sleep deprivation in producing false memories. <i>Neurobiology of Learning and Memory</i> , 2017, 137, 107-113.	1.9	19
65	Sleep and wake are shared and transmitted between individuals with insomnia and their bed-sharing partners. <i>Sleep</i> , 2020, 43, .	1.1	19
66	Automated Method for Detecting Acute Insomnia Using Multi-Night Actigraphy Data. <i>IEEE Access</i> , 2020, 8, 74413-74422.	4.2	19
67	Neurobiologic Mechanisms in Chronic Insomnia. <i>Sleep Medicine Clinics</i> , 2009, 4, 549-558.	2.6	18
68	Longitudinal investigation of the relationships between trauma exposure, post-migration stress, sleep disturbance, and mental health in Syrian refugees. <i>HÅrre Utbildning</i> , 2020, 11, 1825166.	3.0	17
69	Maximizing the utility of a single site randomized controlled psychotherapy trial. <i>Contemporary Clinical Trials</i> , 2015, 42, 244-251.	1.8	16
70	Voluntary Sleep Choice and Its Effects on Bayesian Decisions. <i>Behavioral Sleep Medicine</i> , 2016, 14, 501-513.	2.1	16
71	Prevalence of sleep disturbance and its relationships with mental health and psychosocial issues in refugees and asylum seekers attending psychological services in Australia. <i>Sleep Health</i> , 2019, 5, 335-343.	2.5	16
72	Age-Related Influences of Prior Sleep on Brain Activation during Verbal Encoding. <i>Frontiers in Neurology</i> , 2012, 3, 49.	2.4	15

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73	The impact of sleep loss on performance monitoring and error-monitoring: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2021, 58, 101490.	8.5	15
74	Assessment of Sleep Disruption and Sleep Quality in Naval Special Warfare Operators. <i>Military Medicine</i> , 2015, 180, 803-808.	0.8	14
75	Evening types demonstrate reduced SSRI treatment efficacy. <i>Chronobiology International</i> , 2018, 35, 1-4.	2.0	14
76	Sustained facial muscle activity during REM sleep and its correlation with depression. <i>Journal of Affective Disorders</i> , 1995, 35, 163-171.	4.1	13
77	Linking mathematical modeling with human neuroimaging to segregate verbal working memory maintenance processes from stimulus encoding.. <i>Neuropsychology</i> , 2013, 27, 243-255.	1.3	12
78	Neural correlates of decision-making during a Bayesian choice task. <i>NeuroReport</i> , 2017, 28, 193-199.	1.2	12
79	The viability of an ecologically valid chronic sleep restriction and circadian timing protocol: An examination of sample attrition, compliance, and effectiveness at impacting sleepiness and mood. <i>PLoS ONE</i> , 2017, 12, e0174367.	2.5	12
80	Brain regions involved in simple and complex grammatical transformations. <i>NeuroReport</i> , 2003, 14, 1117-1122.	1.2	11
81	Brain Functional Correlates of Working Memory: Reduced Load-Modulated Activation and Deactivation in Aging without Hyperactivation or Functional Reorganization. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 945-950.	1.8	11
82	Manipulation of rapid eye movement sleep via orexin and GABAA receptor modulators differentially affects fear extinction in mice: effect of stable versus disrupted circadian rhythm. <i>Sleep</i> , 2021, 44, .	1.1	10
83	Effect of Armodafinil on Cortical Activity and Working Memory in Patients with Residual Excessive Sleepiness Associated with CPAP-Treated OSA: A Multicenter fMRI Study. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 143-153.	2.6	8
84	Vulnerability and resistance to sleep disruption by a partner: A study of bed-sharing couples. <i>Sleep Health</i> , 2020, 6, 506-512.	2.5	8
85	Sleep deprivation and compensatory cognitive effort on a visual information processing task. <i>Sleep</i> , 2021, 44, .	1.1	8
86	Neuronal activation and performance changes in working memory induced by chronic sleep restriction in adolescents. <i>Journal of Sleep Research</i> , 2021, 30, e13304.	3.2	8
87	The impact of the wake maintenance zone on attentional capacity, physiological drowsiness, and subjective task demands during sleep deprivation. <i>Journal of Sleep Research</i> , 2021, 30, e13312.	3.2	6
88	The impact of self-selected short sleep on monetary risk taking. <i>Journal of Sleep Research</i> , 2021, , e13529.	3.2	6
89	Heart rate variability increases following automated acoustic slow wave sleep enhancement. <i>Journal of Sleep Research</i> , 2022, 31, e13545.	3.2	5
90	Anxiety predicts dyadic sleep characteristics in couples experiencing insomnia but not in couples without sleep disorders. <i>Journal of Affective Disorders</i> , 2020, 273, 122-130.	4.1	4

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91	Sex moderates the effects of total sleep deprivation and sleep restriction on risk preference. <i>Sleep</i> , 2022, 45, .	1.1	4
92	Greater time in bed and less physical activity associate with poorer cognitive functioning performance in Huntingtonâ€™s disease.. <i>Neuropsychology</i> , 2021, 35, 656-667.	1.8	3
93	What an Evidence-based Guideline for Fatigue Risk Management Means for Us: Statements From Stakeholders. <i>Prehospital Emergency Care</i> , 2018, 22, 113-118.	1.8	2
94	Can you see what I see? A comparison of client and observer perspectives of the alliance and group cohesion in CBT. <i>Cognitive Behaviour Therapy</i> , 2022, 51, 100-113.	3.5	2
95	Eliminating the Controlled Napping Policy at CSX Is a Blow to Public Safety. <i>Sleep</i> , 2017, 40, .	1.1	1
96	Sleep restriction and strategy choice in cooperation and coordination games. <i>Economics Letters</i> , 2021, 208, 110049.	1.9	1
97	The Relationship Between a Hierarchical Transdiagnostic Model of Vulnerability Factors and Posttraumatic Stress Disorder Symptom Clusters. <i>Journal of Psychopathology and Behavioral Assessment</i> , 0, , 1.	1.2	1
98	Neurobiological Mechanisms in Chronic Insomnia. <i>Sleep Medicine Clinics</i> , 2012, 7, 545-554.	2.6	0
99	Does Daylength Affect Sleep and Mental Health Symptoms during Behavioral Interventions for Insomnia?. <i>Behavioral Sleep Medicine</i> , 2021, , 1-14.	2.1	0