Jillian Dorrian

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5499294/publications.pdf

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144 papers 4,554 citations

36 h-index 59 g-index

147 all docs

147 docs citations

times ranked

147

4744 citing authors

#	Article	IF	CITATIONS
1	The validity of psychomotor vigilance tasks of less than 10-minute duration. Behavior Research Methods, 2004, 36, 339-346.	1.3	215
2	Impact of Five Nights of Sleep Restriction on Glucose Metabolism, Leptin and Testosterone in Young Adult Men. PLoS ONE, 2012, 7, e41218.	2.5	182
3	Work hours, workload, sleep and fatigue in Australian Rail Industry employees. Applied Ergonomics, 2011, 42, 202-209.	3.1	170
4	Maternal sleep during pregnancy and poor fetal outcomes: A scoping review of the literature with meta-analysis. Sleep Medicine Reviews, 2018, 41, 197-219.	8.5	151
5	Sleep and errors in a group of Australian hospital nurses at work and during the commute. Applied Ergonomics, 2008, 39, 605-613.	3.1	132
6	Simulated train driving: Fatigue, self-awareness and cognitive disengagement. Applied Ergonomics, 2007, 38, 155-166.	3.1	118
7	A Pilot Study of the Safety Implications of Australian Nurses' Sleep and Work Hours. Chronobiology International, 2006, 23, 1149-1163.	2.0	108
8	Sleep waking and neurobehavioural performance. Frontiers in Bioscience - Landmark, 2003, 8, s1056-1067.	3.0	103
9	Cognitive Cost of Using Augmented Reality Displays. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 2378-2388.	4.4	103
10	The ability to self-monitor performance when fatigued. Journal of Sleep Research, 2000, 9, 137-144.	3.2	92
11	The Ability to Self-Monitor Performance During a Week of Simulated Night Shifts. Sleep, 2003, 26, 871-877.	1.1	87
12	Subjective and objective sleep in children and adolescents: Measurement, age, and gender differences. Sleep and Biological Rhythms, 2010, 8, 229-238.	1.0	87
13	The dynamics of neurobehavioural recovery following sleep loss. Journal of Sleep Research, 2007, 16, 33-41.	3.2	85
14	The impact of a week of simulated night work on sleep, circadian phase, and performance. Occupational and Environmental Medicine, 2003, 60, 13e-13.	2.8	82
15	The factors influencing the eating behaviour of shiftworkers: what, when, where and why. Industrial Health, 2019, 57, 419-453.	1.0	79
16	Effects of Alcohol and Sleep Restriction on Simulated Driving Performance in Untreated Patients With Obstructive Sleep Apnea. Annals of Internal Medicine, 2009, 151, 447.	3.9	73
17	The effect of sleep restriction on snacking behaviour during a week of simulated shiftwork. Accident Analysis and Prevention, 2012, 45, 62-67.	5.7	73
18	Evaluating the conservation impact of an innovative zooâ€based educational campaign: â€~Don't Palm Us Off' for orangâ€utan conservation. Zoo Biology, 2014, 33, 184-196.	1.2	69

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19	Timing of food intake during simulated night shift impacts glucose metabolism: A controlled study. Chronobiology International, 2017, 34, 1003-1013.	2.0	69
20	A 30-Minute, but Not a 10-Minute Nighttime Nap is Associated with Sleep Inertia. Sleep, 2016, 39, 675-685.	1.1	67
21	Sleep, stress and compensatory behaviors in Australian nurses and midwives. Revista De Saude Publica, 2011, 45, 922-930.	1.7	65
22	A review of short naps and sleep inertia: do naps of 30Âmin or less really avoid sleep inertia and slow-wave sleep?. Sleep Medicine, 2017, 32, 176-190.	1.6	62
23	Perception of simulated driving performance after sleep restriction and caffeine. Journal of Psychosomatic Research, 2007, 63, 573-577.	2.6	59
24	The sensitivity of a palm-based psychomotor vigilance task to severe sleep loss. Behavior Research Methods, 2008, 40, 347-352.	4.0	59
25	Train driving efficiency and safety: examining the cost of fatigue. Journal of Sleep Research, 2007, 16, 1-11.	3.2	57
26	Performance on a simple response time task: Is sleep or work more important for miners?. Applied Ergonomics, 2011, 42, 210-213.	3.1	53
27	Adaptation of performance during a week of simulated night work. Ergonomics, 2004, 47, 154-165.	2.1	52
28	Changes in structural aspects of mood during 39–66h of sleep loss using matched controls. Applied Ergonomics, 2011, 42, 196-201.	3.1	50
29	The relationship between subjective and objective sleepiness and performance during a simulated night-shift with a nap countermeasure. Applied Ergonomics, 2010, 42, 52-61.	3.1	48
30	Individual Variability and Predictors of Driving Simulator Impairment in Patients with Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2014, 10, 647-655.	2.6	48
31	An experimental study of adolescent sleep restriction during a simulated school week: changes in phase, sleep staging, performance and sleepiness. Journal of Sleep Research, 2017, 26, 227-235.	3.2	47
32	Alcohol Consumption Patterns of Shiftworkers Compared With Dayworkers. Chronobiology International, 2012, 29, 610-618.	2.0	46
33	Introduction of an online approach to flexible learning for on-campus and distance education students: Lessons learned and ways forward. Nurse Education Today, 2009, 29, 157-167.	3.3	45
34	A systematic review of the sleep, sleepiness, and performance implications of limited wake shift work schedules. Scandinavian Journal of Work, Environment and Health, 2015, 41, 425-440.	3.4	41
35	Harnessing visual media in environmental education: increasing knowledge of orangutan conservation issues and facilitating sustainable behaviour through video presentations. Environmental Education Research, 2011, 17, 751-767.	2.9	40
36	Time to wake up: reactive countermeasures to sleep inertia. Industrial Health, 2016, 54, 528-541.	1.0	40

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37	Driving Simulator Performance Remains Impaired In Patients With Severe OSA after CPAP Treatment. Journal of Clinical Sleep Medicine, 2011, 07, 246-253.	2.6	38
38	Temporal pattern of eating in night shift workers. Chronobiology International, 2019, 36, 1613-1625.	2.0	38
39	Determinants of Nurses' Attitudes toward the Care of Patients with Alcohol Problems. ISRN Nursing, 2011, 2011, 1-11.	1.2	37
40	The effects of fatigue on train handling during speed restrictions. Transportation Research Part F: Traffic Psychology and Behaviour, 2006, 9, 243-257.	3.7	35
41	Preparing our future counselling professionals: Gatekeeping and the implications for research. Counselling and Psychotherapy Research, 2008, 8, 93-101.	3.2	35
42	Sleep Duration and Chronic Fatigue Are Differently Associated with the Dietary Profile of Shift Workers. Nutrients, 2016, 8, 771.	4.1	35
43	The Characteristics Of Recovery Sleep When Recovery Opportunity Is Restricted. Sleep, 2007, 30, 353-360.	1.1	34
44	Measuring zoo visitor learning and understanding about orangutans: evaluation to enhance learning outcomes and to foster conservation action. Environmental Education Research, 2013, 19, 823-843.	2.9	34
45	Alcohol use in shiftworkers. Accident Analysis and Prevention, 2017, 99, 395-400.	5.7	34
46	Fatigue and the Criminal Law. Industrial Health, 2005, 43, 63-70.	1.0	33
47	It's not just what you eat but when: The impact of eating a meal during simulated shift work on driving performance. Chronobiology International, 2017, 34, 66-77.	2.0	32
48	Self-regulation and social behavior during sleep deprivation. Progress in Brain Research, 2019, 246, 73-110.	1.4	32
49	Coping with shift work-related circadian disruption: A mixed-methods case study on napping and caffeine use in Australian nurses and midwives. Chronobiology International, 2018, 35, 853-864.	2.0	29
50	Psychomotor Vigilance Performance. Lung Biology in Health and Disease, 2004, , 39-70.	0.1	29
51	Working hours regulations and fatigue in transportation: A comparative analysis. Safety Science, 2005, 43, 225-252.	4.9	28
52	The sensitivity of a PDAâ€based psychomotor vigilance task to sleep restriction in 10â€yearâ€old girls. Journal of Sleep Research, 2009, 18, 173-177.	3.2	28
53	Some Vocal Consequences of Sleep Deprivation andÂthe Possibility of "Fatigue Proofing―the Voice With Voicecraft® Voice Training. Journal of Voice, 2011, 25, 447-461.	1.5	28
54	Professional Burnout, Early Maladaptive Schemas, and Physical Health in Clinical and Counselling Psychology Trainees. Journal of Clinical Psychology, 2017, 73, 1782-1796.	1.9	28

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55	The impact of meal timing on performance, sleepiness, gastric upset, and hunger during simulated night shift. Industrial Health, 2017, 55, 423-436.	1.0	28
56	The Impact of Time of Day on Energy Expenditure: Implications for Long-Term Energy Balance. Nutrients, 2019, 11, 2383.	4.1	28
57	Associations between selfâ€reported sleep measures and dietary behaviours in a large sample of Australian school students (<i>nÂ</i> =Â28,010). Journal of Sleep Research, 2018, 27, e12682.	3.2	27
58	Selfâ€Awareness of Impairment and the Decision to Drive after an Extended Period of Wakefulness. Chronobiology International, 2006, 23, 1253-1263.	2.0	26
59	Subjective Hunger, Gastric Upset, and Sleepiness in Response to Altered Meal Timing during Simulated Shiftwork. Nutrients, 2019, 11, 1352.	4.1	26
60	Mood Change and Perception of Workload in Australian Midwives. Industrial Health, 2010, 48, 381-389.	1.0	25
61	Sleep inertia associated with a 10-min nap before the commute home following a night shift: A laboratory simulation study. Accident Analysis and Prevention, 2017, 99, 411-415.	5.7	24
62	Eating on nightshift: A big vs small snack impairs glucose response to breakfast. Neurobiology of Sleep and Circadian Rhythms, 2018, 4, 44-48.	2.8	24
63	The effect of split sleep schedules (6h-on/6h-off) on neurobehavioural performance, sleep and sleepiness. Applied Ergonomics, 2016, 54, 72-82.	3.1	23
64	Effects of fatigue on teams and their role in 24/7 operations. Sleep Medicine Reviews, 2019, 48, 101216.	8.5	23
65	Decreased salivary alpha-amylase levels are associated with performance deficits during sleep loss. Psychoneuroendocrinology, 2017, 78, 131-141.	2.7	22
66	Interactions between spatial attention and alertness in healthy adults: A meta-analysis. Cortex, 2019, 119, 61-73.	2.4	22
67	Altering meal timing to improve cognitive performance during simulated nightshifts. Chronobiology International, 2019, 36, 1691-1713.	2.0	20
68	Predicting the Timing and Duration of Sleep in an Operational Setting Using Social Factors. Chronobiology International, 2006, 23, 1265-1276.	2.0	19
69	The driver vigilance telemetric control system (DVTCS): Investigating sensitivity to experimentally induced sleep loss and fatigue. Behavior Research Methods, 2008, 40, 1016-1025.	4.0	19
70	A scoping review of chronotype and temporal patterns of eating of adults: tools used, findings, and future directions. Nutrition Research Reviews, 2022, 35, 112-135.	4.1	19
71	A work-life perspective on sleep and fatigue—looking beyond shift workers. Industrial Health, 2015, 53, 417-426.	1.0	18
72	The impact of short night-time naps on performance, sleepiness and mood during a simulated night shift. Chronobiology International, 2016, 33, 706-715.	2.0	18

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73	A Time to Rest, a Time to Dine: Sleep, Time-Restricted Eating, and Cardiometabolic Health. Nutrients, 2022, 14, 420.	4.1	18
74	Beyond working time: Factors affecting sleep behaviour in rail safety workers. Accident Analysis and Prevention, 2012, 45, 32-35.	5.7	17
75	Do night naps impact driving performance and daytime recovery sleep?. Accident Analysis and Prevention, 2017, 99, 416-421.	5.7	17
76	Legal Implications of Fatigue in the Australian Transportation Industries. Journal of Industrial Relations, 2003, 45, 344-359.	1.8	16
77	Measuring sleep habits using the Sleep Timing Questionnaire: A validation study for school-age children. Sleep and Biological Rhythms, 2010, 8, 194-202.	1.0	16
78	WORK HOURS AND SLEEP/WAKE BEHAVIOR OF AUSTRALIAN HOSPITAL DOCTORS. Chronobiology International, 2010, 27, 997-1012.	2.0	16
79	Predicting pilot's sleep during layovers using their own behaviour or data from colleagues: Implications for biomathematical models. Accident Analysis and Prevention, 2012, 45, 17-21.	5.7	16
80	Actigraph Estimates of the Sleep of Australian Midwives. Biological Research for Nursing, 2013, 15, 191-199.	1.9	16
81	Going solo: Hierarchical task analysis of the second driver in "two-up―(multi-person) freight rail operations. Applied Ergonomics, 2018, 70, 202-231.	3.1	16
82	Gatekeeping or gate slippage? A national survey of counseling educators in Australian undergraduate and postgraduate academic training programs Training and Education in Professional Psychology, 2010, 4, 264-273.	1.2	16
83	Using the Theory of Planned Behaviour to examine enrolled nursing students' intention to care for patients with alcohol dependence: A survey study. Nurse Education Today, 2015, 35, 1054-1061.	3.3	15
84	The sleep architecture of Australian volunteer firefighters during a multi-day simulated wildfire suppression: Impact of sleep restriction and temperature. Accident Analysis and Prevention, 2017, 99, 389-394.	5.7	15
85	Sleep Deprivation., 2017,, 49-55.e4.		15
86	Changes in growth and sleep across school nights, weekends and a winter holiday period in two Australian schools. Chronobiology International, 2018, 35, 691-704.	2.0	15
87	Accuracy of Self-Reported Sleep Position in Late Pregnancy. PLoS ONE, 2014, 9, e115760.	2.5	15
88	Optical computer recognition of facial expressions associated with stress induced by performance demands. Aviation, Space, and Environmental Medicine, 2005, 76, B172-82.	0.5	15
89	The Low-Event Task Subjective Situation Awareness (LETSSA) technique: Development and evaluation of a new subjective measure of situation awareness. Applied Ergonomics, 2018, 68, 273-282.	3.1	14
90	Acute sleep restriction does not affect declarative memory in 10-year-old girls. Sleep and Biological Rhythms, 2010, 8, 222-225.	1.0	13

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91	What happens to mood, performance and sleep in a laboratory study with no sleep deprivation?. Sleep and Biological Rhythms, 2013, 11, 200-209.	1.0	13
92	Circadian Misalignment and Metabolic Consequences. , 2015, , 155-164.		13
93	Modifying Maternal Sleep Position in Late Pregnancy Through Positional Therapy: A Feasibility Study. Journal of Clinical Sleep Medicine, 2018, 14, 1387-1397.	2.6	13
94	Timing of Australian flight attendant food and beverage while crewing: a preliminary investigation. Industrial Health, 2019, 57, 547-553.	1.0	13
95	The effects of hydration on cognitive performance during a simulated wildfire suppression shift in temperate and hot conditions. Applied Ergonomics, 2019, 77, 9-15.	3.1	13
96	Impact of high-frequency email and instant messaging (E/IM) interactions during the hour before bed on self-reported sleep duration and sufficiency in female Australian children and adolescents. Sleep Health, 2019, 5, 64-67.	2.5	13
97	Sleep inertia during a simulated 6-h on/6-h off fixed split duty schedule. Chronobiology International, 2016, 33, 685-696.	2.0	12
98	Recycling 115,369 mobile phones for gorilla conservation over a six-year period (2009-2014) at Zoos Victoria: A case study of †points of influence†and mobile phone donations. PLoS ONE, 2018, 13, e0206890.	2.5	12
99	Sleep for heart health: investigating the relationship between work day sleep, days off sleep, and cardiovascular risk in Australian train drivers. Industrial Health, 2019, 57, 691-700.	1.0	12
100	An analysis of Australian news and current affair program coverage of sharks on Facebook. Conservation Science and Practice, 2019, 1, e111.	2.0	12
101	A pilot study investigating the impact of a caffeine-nap on alertness during a simulated night shift. Chronobiology International, 2020, 37, 1469-1473.	2.0	12
102	Modeling fatigue-related truck accidents: Prior sleep duration, recency and continuity. Sleep and Biological Rhythms, 2011, 9, 3-11.	1.0	11
103	An industry case study of â€~stand-up' and â€~sleepover' night shifts in disability support: Residential support worker perspectives. Applied Ergonomics, 2017, 58, 110-118.	3.1	11
104	Changes in the Concentration of Urinary 6-sulphatoxymelatonin during a Week of Simulated Night Work. Industrial Health, 2005, 43, 193-196.	1.0	9
105	Does Suspected Sleep Disordered Breathing Impact on the Sleep and Performance of Firefighting Volunteers during a Simulated Fire Ground Campaign?. International Journal of Environmental Research and Public Health, 2016, 13, 173.	2.6	9
106	Proceed with caution: using verbal protocol analysis to measure situation awareness. Ergonomics, 2019, 62, 115-127.	2.1	9
107	Effectiveness of biodiversityâ€conservation marketing. Conservation Biology, 2020, 34, 354-367.	4.7	9
108	Keeping rail on track: preliminary findings on safety culture in Australian rail. Work, 2012, 41, 4230-4236.	1.1	7

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109	Morningness/eveningness and the synchrony effect for spatial attention. Accident Analysis and Prevention, 2017, 99, 401-405.	5.7	7
110	The relationships between bullying, sleep, and health in a large adolescent sample. Sleep and Biological Rhythms, 2019, 17, 173-182.	1.0	7
111	A survey of train driver schedules, sleep, wellbeing, and driving performance in Australia and New Zealand. Scientific Reports, 2022, 12, 3956.	3.3	7
112	Augmented Reality as a Countermeasure for Sleep Deprivation. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 1396-1405.	4.4	6
113	The impact of caffeine consumption during 50Âhr of extended wakefulness on glucose metabolism, selfâ€reported hunger and mood state. Journal of Sleep Research, 2018, 27, e12681.	3.2	6
114	On good form? Analysis of rail Signal Passed at Danger pro formas and the extent to which they capture systems influences following incidents. Safety Science, 2022, 151, 105726.	4.9	6
115	Lessons in Primate Heat Tolerance: A Commentary Based on the "Human Zoo―Experience. Journal of Applied Animal Welfare Science, 2011, 14, 162-169.	1.0	5
116	The Influence of Break Timing on the Sleep Quantity and Quality of Fly-in, Fly-out Shiftworkers. Industrial Health, 2014, 52, 521-530.	1.0	5
117	Sleep Duration Moderates the Relationship Between Perceived Work-Life Interference and Depressive Symptoms in Australian Men and Women from the North West Adelaide Health Study. International Journal of Behavioral Medicine, 2021, 28, 29-38.	1.7	5
118	Content Validation of a Chrononutrition Questionnaire for the General and Shift Work Populations: A Delphi Study. Nutrients, 2021, 13, 4087.	4.1	5
119	Sleep Deprivation and Its Effects on Cognitive Performance. , 2005, , 137-144.		4
120	Does Professional Suitability Matter? A National Survey of Australian Counselling Educators in Undergraduate and Post-Graduate Training Programs. International Journal for the Advancement of Counselling, 2010, 32, 1-13.	1.0	4
121	Effect of working consecutive night shifts on sleep time, prior wakefulness, perceived levels of fatigue and performance on a psychometric test in emergency registrars. EMA - Emergency Medicine Australasia, 2012, 24, 251-259.	1.1	4
122	Alcoholism: disease or symptom? The challenges of managing advanced alcoholism and chronic illness. Medical Journal of Australia, 2010, 192, 661-662.	1.7	3
123	How much is left in your "sleep tank� Proof of concept for a simple model for sleep history feedback. Accident Analysis and Prevention, 2019, 126, 177-183.	5.7	3
124	Establishing norms for mental wellâ€being in young people (7–19 years) using the General Health Questionnaireâ€12. Australian Journal of Psychology, 2019, 71, 117-126.	2.8	3
125	The impact of dayshifts and sleepover nightshifts on the eating and driving behaviours of residential support workers: An exploratory workplace study. Work, 2020, 66, 827-839.	1.1	3
126	The impact of a meal, snack, or not eating during the night shift on simulated driving performance post-shift. Scandinavian Journal of Work, Environment and Health, 2021, 47, 78-84.	3.4	3

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127	Study protocol for the Shifting Weight using Intermittent Fasting in night shift workers (SWIFt) study: a three-arm randomised controlled trial comparing three weight loss strategies in night shift workers with obesity. BMJ Open, 2022, 12, e060520.	1.9	3
128	Effects of strategic early-morning caffeine gum administration on association between salivary alpha-amylase and neurobehavioural performance during 50â€h of sleep deprivation. Accident Analysis and Prevention, 2019, 126, 160-172.	5.7	2
129	â€InUTERO': The effectiveness of an educational half day stillbirth awareness workshop for maternity care providers. Nurse Education Today, 2020, 85, 104298.	3.3	2
130	Detection of Heightened Emotional Activity in Commercial Airline Crews. Aviation Psychology and Applied Human Factors, 2013, 3, 83-91.	0.4	2
131	Scaling generative scaffolds towards train driving expertise. , 2012, , 235-236.		2
132	Behavioural Observation as a Means of Assessing Sleepiness Related Driving Impairment in Obstructive Sleep Apnea. Eat Sleep Work, 2020, 1, 10-25.	0.1	2
133	Alcoholism: The Self-Reinforcing Feedback Loop. , 0, , .		2
134	Napping on night shift: Powerful tool or hazard?. Eat Sleep Work, 2020, 1, 72-77.	0.1	2
135	Work schedule and seasonal influences on sleep and fatigue in helicopter and fixed-wing aircraft operations in extreme environments. Scientific Reports, 2022, 12, 8263.	3.3	2
136	Partnering for workplace health and safety. Work, 2012, 41, 2753-2756.	1.1	1
137	Author's response to Letter to the Editor. Applied Ergonomics, 2012, 43, 267.	3.1	1
138	Patterns of Alcohol Consumption and Sleep in Shiftworkers., 2015,, 353-363.		1
139	0191 Combining Caffeine and a Nap to Improve Alertness During a Simulated Nightshift. Sleep, 2019, 42, A78-A78.	1.1	1
140	The relationships between coping styles and food intake in shiftworking nurses and midwives: a pilot study. Industrial Health, 2021, , .	1.0	1
141	An examination of the relationship between sunlight exposure and hot flush in working women. Chronobiology International, 2020, 37, 425-437.	2.0	0
142	Exploring the Structure and Content of Pro Formas for Signal Passed at Danger Incidents in Australia and New Zealand. Lecture Notes in Networks and Systems, 2021, , 143-153.	0.7	0
143	The impact of a meal, snack, or not eating during the night shift on simulated driving performance post-shift. Scandinavian Journal of Work, Environment and Health, 2021, 47, 78-84.	3.4	0
144	Investigating Attitudes Toward Sharks in Australia. Anthrozoos, 2022, 35, 323-334.	1.4	0