

# Laura K Barger

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

8,422  
citations

117453

34  
h-index

74018

75  
g-index

88  
all docs

88  
docs citations

88  
times ranked

9541  
citing authors

#	ARTICLE	IF	CITATIONS
1	National improvements in resident physician-reported patient safety after limiting first-year resident physicians' extended duration work shifts: a pooled analysis of prospective cohort studies. <i>BMJ Quality and Safety</i> , 2023, 32, 81-89.	1.8	12
2	Later energy intake relative to mathematically modeled circadian time is associated with higher percentage body fat. <i>Obesity</i> , 2023, 31, 50-56.	1.5	0
3	Associations Between Changes in Daily Behaviors and Self-Reported Feelings of Depression and Anxiety About the COVID-19 Pandemic Among Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, e150-e159.	2.4	22
4	Association between sleep characteristics, ideal cardiovascular health, and systemic inflammation, NHANES 2017-2018. <i>Journal of Sleep Research</i> , 2022, 31, e13497.	1.7	4
5	A clinical trial to evaluate the dayzz smartphone app on employee sleep, health, and productivity at a large US employer. <i>PLoS ONE</i> , 2022, 17, e0260828.	1.1	5
6	Dynamic lighting schedules to facilitate circadian adaptation to shifted timing of sleep and wake. <i>Journal of Pineal Research</i> , 2022, 73, .	3.4	6
7	Research priorities to reduce risks from work hours and fatigue in the healthcare and social assistance sector. <i>American Journal of Industrial Medicine</i> , 2022, 65, 867-877.	1.0	6
8	0347 Sleep health education and a personalized smartphone application improve sleep and productivity and reduce healthcare utilization among employees: Results of a randomized clinical trial. <i>Sleep</i> , 2022, 45, A156-A156.	0.6	0
9	Employee Sleep Enhancement and Fatigue Reduction Programs: Analysis of the 2017 CDC Workplace Health in America Poll. <i>American Journal of Health Promotion</i> , 2021, 35, 503-513.	0.9	20
10	Estimated Sleep Duration Before and During the COVID-19 Pandemic in Major Metropolitan Areas on Different Continents: Observational Study of Smartphone App Data. <i>Journal of Medical Internet Research</i> , 2021, 23, e20546.	2.1	37
11	Robust stability of melatonin circadian phase, sleep metrics, and chronotype across months in young adults living in real-world settings. <i>Journal of Pineal Research</i> , 2021, 70, e12720.	3.4	19
12	Examining sleep deficiency and disturbance and their risk for incident dementia and all-cause mortality in older adults across 5 years in the United States. <i>Aging</i> , 2021, 13, 3254-3268.	1.4	45
13	Extended Work Shifts and Neurobehavioral Performance in Resident-Physicians. <i>Pediatrics</i> , 2021, 147, .	1.0	18
14	Early public adherence with and support for stay-at-home COVID-19 mitigation strategies despite adverse life impact: a transnational cross-sectional survey study in the United States and Australia. <i>BMC Public Health</i> , 2021, 21, 503.	1.2	38
15	299 Limited Time for Sleep in Night Shift Workers is associated with Risk of Insomnia and Shift Work Disorder. <i>Sleep</i> , 2021, 44, A119-A120.	0.6	0
16	Delay or avoidance of routine, urgent and emergency medical care due to concerns about COVID-19 in a region with low COVID-19 prevalence: Victoria, Australia. <i>Respirology</i> , 2021, 26, 707-712.	1.3	31
17	Interns' perspectives on impacts of the COVID-19 pandemic on the medical school to residency transition. <i>BMC Medical Education</i> , 2021, 21, 330.	1.0	14
18	Mental Health Among Parents of Children Aged <math>\leq 18</math> Years and Unpaid Caregivers of Adults During the COVID-19 Pandemic - United States, December 2020 and February-March 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 879-887.	9.0	36

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19	Sleep difficulties, incident dementia and all-cause mortality among older adults across 8 years: Findings from the National Health and Aging Trends Study. <i>Journal of Sleep Research</i> , 2021, 30, e13395.	1.7	18
20	A classification approach to estimating human circadian phase under circadian alignment from actigraphy and photometry data. <i>Journal of Pineal Research</i> , 2021, 71, e12745.	3.4	9
21	Guiding principles for determining work shift duration and addressing the effects of work shift duration on performance, safety, and health: guidance from the American Academy of Sleep Medicine and the Sleep Research Society. <i>Sleep</i> , 2021, 44, .	0.6	21
22	Guiding principles for determining work shift duration and addressing the effects of work shift duration on performance, safety, and health: guidance from the American Academy of Sleep Medicine and the Sleep Research Society. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 2283-2306.	1.4	21
23	Mental health, substance use, and suicidal ideation during a prolonged COVID-19-related lockdown in a region with low SARS-CoV-2 prevalence. <i>Journal of Psychiatric Research</i> , 2021, 140, 533-544.	1.5	78
24	Exposure to Short Wavelength-Enriched White Light and Exercise Improves Alertness and Performance in Operational NASA Flight Controllers Working Overnight Shifts. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 111-118.	0.9	18
25	Altered sleep spindles and slow waves during space shuttle missions. <i>Npj Microgravity</i> , 2021, 7, 48.	1.9	5
26	Irregular sleep and event schedules are associated with poorer self-reported well-being in US college students. <i>Sleep</i> , 2020, 43, .	0.6	57
27	Association of Sleep Disorders With Physician Burnout. <i>JAMA Network Open</i> , 2020, 3, e2023256.	2.8	24
28	Effect on Patient Safety of a Resident Physician Schedule without 24-Hour Shifts. <i>New England Journal of Medicine</i> , 2020, 382, 2514-2523.	13.9	55
29	The Association Between Resident Physician Work-Hour Regulations and Physician Safety and Health. <i>American Journal of Medicine</i> , 2020, 133, e343-e354.	0.6	40
30	Public Attitudes, Behaviors, and Beliefs Related to COVID-19, Stay-at-Home Orders, Nonessential Business Closures, and Public Health Guidance – United States, New York City, and Los Angeles, May 5–12, 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 751-758.	9.0	217
31	Mental Health, Substance Use, and Suicidal Ideation During the COVID-19 Pandemic – United States, June 24–30, 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 1049-1057.	9.0	1,964
32	0633 Prospective Semester-Long Evaluation of College Student Sleep. <i>Sleep</i> , 2019, 42, A252-A252.	0.6	0
33	0970 Resident Physician Work Hours Decreased and Sleep Duration Increased Following Elimination of Scheduled Extended Duration Shifts. <i>Sleep</i> , 2019, 42, A390-A391.	0.6	1
34	Associations between sleep disturbances, mental health outcomes and burnout in firefighters, and the mediating role of sleep during overnight work: A cross-sectional study. <i>Journal of Sleep Research</i> , 2019, 28, e12869.	1.7	56
35	Effects on resident work hours, sleep duration, and work experience in a randomized order safety trial evaluating resident-physician schedules (ROSTERS). <i>Sleep</i> , 2019, 42, .	0.6	22
36	0977 Engagement in Collegiate Sleep Health Education: A Matter of Timing. <i>Sleep</i> , 2019, 42, A393-A394.	0.6	3

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37	0146 Model-based Predictions Of Neurobehavioral Performance Of Resident Physicians In A Randomized Order Safety Trial Evaluating Resident-physician Schedules (rosters). <i>Sleep</i> , 2019, 42, A60-A60.	0.6	0
38	Design and recruitment of the randomized order safety trial evaluating resident-physician schedules (ROSTERS) study. <i>Contemporary Clinical Trials</i> , 2019, 80, 22-33.	0.8	10
39	0971 Methods and Schedule-Related Differences in a Multi-center Trial of Rapidly Cycling versus Extended Duration Work Rosters. <i>Sleep</i> , 2019, 42, A391-A391.	0.6	1
40	0969 Attentional Failures Are Correlated With Serious Medical Errors In Resident Physicians. <i>Sleep</i> , 2019, 42, A390-A390.	0.6	1
41	0995 Schedule Re-design and Patient Safety: the Randomized Order Safety Trial Evaluating Resident-Physician Schedules (ROSTERS). <i>Sleep</i> , 2019, 42, A400-A401.	0.6	2
42	Caloric and Macronutrient Intake Differ with Circadian Phase and between Lean and Overweight Young Adults. <i>Nutrients</i> , 2019, 11, 587.	1.7	40
43	Associations between shift work characteristics, shift work schedules, sleep and burnout in North American police officers: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e030302.	0.8	56
44	0996 Interim Findings from a Sleep Health and Wellness Program to Reduce Occupational Burnout. <i>Sleep</i> , 2019, 42, A401-A401.	0.6	8
45	Using a Single Daytime Performance Test to Identify Most Individuals at High-Risk for Performance Impairment during Extended Wake. <i>Scientific Reports</i> , 2019, 9, 16681.	1.6	9
46	What an Evidence-based Guideline for Fatigue Risk Management Means for Us: Statements From Stakeholders. <i>Prehospital Emergency Care</i> , 2018, 22, 113-118.	1.0	2
47	Effect of Fatigue Training on Safety, Fatigue, and Sleep in Emergency Medical Services Personnel and Other Shift Workers: A Systematic Review and Meta-Analysis. <i>Prehospital Emergency Care</i> , 2018, 22, 58-68.	1.0	58
48	Effects of Napping During Shift Work on Sleepiness and Performance in Emergency Medical Services Personnel and Similar Shift Workers: A Systematic Review and Meta-Analysis. <i>Prehospital Emergency Care</i> , 2018, 22, 47-57.	1.0	63
49	Cross-sectional analysis of sleep-promoting and wake-promoting drug use on health, fatigue-related error, and near-crashes in police officers. <i>BMJ Open</i> , 2018, 8, e022041.	0.8	19
50	Dose-Dependent Associations Between Sleep Duration and Unsafe Behaviors Among US High School Students. <i>JAMA Pediatrics</i> , 2018, 172, 1187.	3.3	36
51	Sleep disorders, depression and anxiety are associated with adverse safety outcomes in healthcare workers: A prospective cohort study. <i>Journal of Sleep Research</i> , 2018, 27, e12722.	1.7	98
52	Identifying Objective Physiological Markers and Modifiable Behaviors for Self-Reported Stress and Mental Health Status Using Wearable Sensors and Mobile Phones: Observational Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e210.	2.1	230
53	Multimodal ambulatory sleep detection. , 2017, 2017, 465-468.		13
54	Irregular sleep/wake patterns are associated with poorer academic performance and delayed circadian and sleep/wake timing. <i>Scientific Reports</i> , 2017, 7, 3216.	1.6	325

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55	Randomized, Prospective Study of the Impact of a Sleep Health Program on Firefighter Injury and Disability. <i>Sleep</i> , 2017, 40, .	0.6	54
56	Short Sleep Duration, Obstructive Sleep Apnea, Shiftwork, and the Risk of Adverse Cardiovascular Events in Patients After an Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	46
57	Later circadian timing of food intake is associated with increased body fat. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1213-1219.	2.2	280
58	A novel sleep optimisation programme to improve athletes' wellbeing and performance. <i>European Journal of Sport Science</i> , 2017, 17, 144-151.	1.4	57
59	Evidence-Based Guidelines for Fatigue Risk Management in EMS: Formulating Research Questions and Selecting Outcomes. <i>Prehospital Emergency Care</i> , 2017, 21, 149-156.	1.0	18
60	Implementing a Sleep Health Education and Sleep Disorders Screening Program in Fire Departments. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 601-609.	0.9	23
61	Circadian misalignment affects sleep and medication use before and during spaceflight. <i>Npj Microgravity</i> , 2016, 2, 15019.	1.9	100
62	Sleep-deprived motor vehicle operators are unfit to drive: a multidisciplinary expert consensus statement on drowsy driving. <i>Sleep Health</i> , 2016, 2, 94-99.	1.3	50
63	The development of lighting countermeasures for sleep disruption and circadian misalignment during spaceflight. <i>Current Opinion in Pulmonary Medicine</i> , 2016, 22, 535-544.	1.2	41
64	Common Sleep Disorders Increase Risk of Motor Vehicle Crashes and Adverse Health Outcomes in Firefighters. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 233-240.	1.4	114
65	Prevalence of sleep deficiency and use of hypnotic drugs in astronauts before, during, and after spaceflight: an observational study. <i>Lancet Neurology</i> , The, 2014, 13, 904-912.	4.9	198
66	Sleep and cognitive function of crewmembers and mission controllers working 24-h shifts during a simulated 105-day spaceflight mission. <i>Acta Astronautica</i> , 2014, 93, 230-242.	1.7	18
67	Classifying performance impairment in response to sleep loss using pattern recognition algorithms on single session testing. <i>Accident Analysis and Prevention</i> , 2013, 50, 992-1002.	3.0	5
68	A Movement to Promote Healthy Sleep: The Case for Corporate Involvement. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 739-740.	1.4	1
69	Validation of a Questionnaire to Screen for Shift Work Disorder. <i>Sleep</i> , 2012, 35, 1693-1703.	0.6	85
70	Learning to Live on a Mars Day: Fatigue Countermeasures during the Phoenix Mars Lander Mission. <i>Sleep</i> , 2012, 35, 1423-35.	0.6	36
71	Sleep Disorders, Health, and Safety in Police Officers. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 2567.	3.8	305
72	Gender differences in the circadian rhythms of rhesus monkeys. <i>Physiology and Behavior</i> , 2010, 101, 595-600.	1.0	9

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73	Neurobehavioral, health, and safety consequences associated with shift work in safety-sensitive professions. <i>Current Neurology and Neuroscience Reports</i> , 2009, 9, 155-164.	2.0	141
74	Effects of the Accreditation Council for Graduate Medical Education Duty Hour Limits on Sleep, Work Hours, and Safety. <i>Pediatrics</i> , 2008, 122, 250-258.	1.0	175
75	Rates of medication errors among depressed and burnt out residents: prospective cohort study. <i>BMJ: British Medical Journal</i> , 2008, 336, 488-491.	2.4	945
76	Impact of Extended-Duration Shifts on Medical Errors, Adverse Events, and Attentional Failures. <i>PLoS Medicine</i> , 2006, 3, e487.	3.9	379
77	Extended Work Duration and the Risk of Self-reported Percutaneous Injuries in Interns. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 1055.	3.8	329
78	Interns' Compliance With Accreditation Council for Graduate Medical Education Work-Hour Limits. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 1063.	3.8	130
79	Extended Work Shifts and the Risk of Motor Vehicle Crashes among Interns. <i>New England Journal of Medicine</i> , 2005, 352, 125-134.	13.9	808
80	Daily exercise facilitates phase delays of circadian melatonin rhythm in very dim light. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R1077-R1084.	0.9	160