Kristen Knutson

List of Publications by Year
in descending order

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123 papers	30,624 citations	34105 52 h-index	27406 106 g-index
125 all docs	125 docs citations	125 times ranked	34683 citing authors

#	Article	IF	Citations
1	Heart Disease and Stroke Statisticsâ€"2019 Update: A Report From the American Heart Association. Circulation, 2019, 139, e56-e528.	1.6	6,192
2	Heart Disease and Stroke Statisticsâ€"2020 Update: A Report From the American Heart Association. Circulation, 2020, 141, e139-e596.	1.6	5,545
3	Heart Disease and Stroke Statisticsâ€"2021 Update. Circulation, 2021, 143, e254-e743.	1.6	3,444
4	Heart Disease and Stroke Statisticsâ€"2022 Update: A Report From the American Heart Association. Circulation, 2022, 145, CIR0000000000001052.	1.6	2,561
5	Self-Reported and Measured Sleep Duration. Epidemiology, 2008, 19, 838-845.	2.7	1,224
6	The metabolic consequences of sleep deprivation. Sleep Medicine Reviews, 2007, 11, 163-178.	8.5	1,088
7	Sleep loss: a novel risk factor for insulin resistance and Type 2 diabetes. Journal of Applied Physiology, 2005, 99, 2008-2019.	2.5	977
8	Associations between Sleep Loss and Increased Risk of Obesity and Diabetes. Annals of the New York Academy of Sciences, 2008, 1129, 287-304.	3.8	659
9	Role of Sleep Duration and Quality in the Risk and Severity of Type 2 Diabetes Mellitus. Archives of Internal Medicine, 2006, 166, 1768.	3.8	519
10	Objectively Measured Sleep Characteristics among Early-Middle-Aged Adults. American Journal of Epidemiology, 2006, 164, 5-16.	3.4	516
11	Sleep duration and cardiometabolic risk: A review of the epidemiologic evidence. Best Practice and Research in Clinical Endocrinology and Metabolism, 2010, 24, 731-743.	4.7	391
12	Sleep and the epidemic of obesity in children and adults. European Journal of Endocrinology, 2008, 159, S59-S66.	3.7	337
13	Association Between Sleep and Blood Pressure in Midlife. Archives of Internal Medicine, 2009, 169, 1055.	3.8	321
14	Trends in the Prevalence of Short Sleepers in the USA: 1975â€"2006. Sleep, 2010, 33, 37-45.	1.1	308
15	Short Sleep Duration and Incident Coronary Artery Calcification. JAMA - Journal of the American Medical Association, 2008, 300, 2859.	7.4	304
16	Sleep disparity, race/ethnicity, and socioeconomic position. Sleep Medicine, 2016, 18, 7-18.	1.6	273
17	Dietary nutrients associated with short and long sleep duration. Data from a nationally representative sample. Appetite, 2013, 64, 71-80.	3.7	232
18	Impact of Sleep and Sleep Loss on Neuroendocrine and Metabolic Function. Hormone Research in Paediatrics, 2007, 67, 2-9.	1.8	228

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19	Chronotype Is Independently Associated With Glycemic Control in Type 2 Diabetes. Diabetes Care, 2013, 36, 2523-2529.	8.6	219
20	Cross-sectional and Longitudinal Associations Between Objectively Measured Sleep Duration and Body Mass Index: The CARDIA Sleep Study. American Journal of Epidemiology, 2009, 170, 805-813.	3.4	213
21	Sleep in the modern family: protective family routines for child and adolescent sleep. Sleep Health, 2015, 1, 15-27.	2.5	203
22	Sleep symptoms associated with intake of specific dietary nutrients. Journal of Sleep Research, 2014, 23, 22-34.	3.2	199
23	Cross-Sectional Associations Between Measures of Sleep and Markers of Glucose Metabolism Among Subjects With and Without Diabetes. Diabetes Care, 2011, 34, 1171-1176.	8.6	192
24	Sex Differences in the Association between Sleep and Body Mass Index in Adolescents. Journal of Pediatrics, 2005, 147, 830-834.	1.8	189
25	Does inadequate sleep play a role in vulnerability to obesity?. American Journal of Human Biology, 2012, 24, 361-371.	1.6	187
26	Loneliness Is Associated with Sleep Fragmentation in a Communal Society. Sleep, 2011, 34, 1519-1526.	1.1	179
27	Sociodemographic and cultural determinants of sleep deficiency: Implications for cardiometabolic disease risk. Social Science and Medicine, 2013, 79, 7-15.	3.8	169
28	The U-Shaped Association Between Sleep and Health: The 2 Peaks Do Not Mean the Same Thing. Sleep, 2006, 29, 878-879.	1.1	155
29	Sleep characteristics in type 1 diabetes and associations with glycemic control: systematic review and meta-analysis. Sleep Medicine, 2016, 23, 26-45.	1.6	155
30	Stability of the Pittsburgh Sleep Quality Index and the Epworth Sleepiness Questionnaires Over 1 Year in Early Middle-Aged Adults: The CARDIA Study. Sleep, 2006, 29, 1503-1506.	1.1	154
31	Intra-Individual Daily and Yearly Variability in Actigraphically Recorded Sleep Measures: the CARDIA Study. Sleep, 2007, 30, 793-796.	1.1	148
32	The Relationship Between Breakfast Skipping, Chronotype, and Glycemic Control in Type 2 Diabetes. Chronobiology International, 2014, 31, 64-71.	2.0	140
33	Disparities in sleep characteristics by race/ethnicity in a population-based sample: Chicago Area Sleep Study. Sleep Medicine, 2016, 18, 50-55.	1.6	139
34	Associations between chronotype, morbidity and mortality in the UK Biobank cohort. Chronobiology International, 2018, 35, 1-9.	2.0	138
35	Circadian disruption and human health. Journal of Clinical Investigation, 2021, 131, .	8.2	130
36	Sleep disturbance in relation to health-related quality of life in adults: The fels longitudinal study. Journal of Nutrition, Health and Aging, 2009, 13, 576-583.	3.3	122

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37	The association between pubertal status and sleep duration and quality among a nationally representative sample of U. S. Adolescents. American Journal of Human Biology, 2005, 17, 418-424.	1.6	120
38	Sociodemographic and Behavioral Predictors of Bed Time and Wake Time among US Adolescents Aged 15 to 17 Years. Journal of Pediatrics, 2009, 154, 426-430.e1.	1.8	118
39	Consequences of Circadian Disruption on Cardiometabolic Health. Sleep Medicine Clinics, 2015, 10, 455-468.	2.6	118
40	Prevalence, clinical features, and CPAP adherence in REM-related sleep-disordered breathing: a cross-sectional analysis of a large clinical population. Sleep and Breathing, 2012, 16, 519-526.	1.7	111
41	The National Sleep Foundation's Sleep Health Index. Sleep Health, 2017, 3, 234-240.	2.5	110
42	Impact of Sleep and Sleep Loss on Glucose Homeostasis and Appetite Regulation. Sleep Medicine Clinics, 2007, 2, 187-197.	2.6	98
43	Association between sleep deficiency and cardiometabolic disease: implications for health disparities. Sleep Medicine, 2016, 18, 19-35.	1.6	82
44	Noise and Sleep Among Adult Medical Inpatients: Far From a Quiet Night. Archives of Internal Medicine, 2012, 172, 68.	3.8	80
45	Association Between Sleep Timing, Obesity, Diabetes: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Cohort Study. Sleep, 2017, 40, .	1.1	74
46	Sleep Duration and Overweight in Adolescents: Self-reported Sleep Hours Versus Time Diaries. Pediatrics, 2007, 119, e1056-e1062.	2.1	72
47	The role of race and ethnicity in sleep, circadian rhythms and cardiovascular health. Sleep Medicine Reviews, 2017, 33, 70-78.	8.5	70
48	Sleep Duration and White Matter Quality in Middle-Aged Adults. Sleep, 2016, 39, 1743-1747.	1.1	67
49	Depressive symptoms and obesity as predictors of sleepiness and quality of life in patients with REM-related obstructive sleep apnea: Cross-sectional analysis of a large clinical population. Sleep Medicine, 2011, 12, 827-831.	1.6	66
50	The Impact of Sleep Consultation Prior to a Diagnostic Polysomnogram on Continuous Positive Airway Pressure Adherence. Chest, 2012, 141, 51-57.	0.8	61
51	Longitudinal Associations between Objective Sleep and Lipids: The CARDIA Study. Sleep, 2013, 36, 1587-1595.	1.1	61
52	Sleep disorders in people with type 2 diabetes and associated health outcomes: a review of the literature. Diabetologia, 2021, 64, 2367-2377.	6.3	60
53	The Association of Sleep Duration and Quality with CKD Progression. Journal of the American Society of Nephrology: JASN, 2017, 28, 3708-3715.	6.1	59
54	Short Sleep Duration Is Associated With Carotid Intima-Media Thickness Among Men in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. Stroke, 2012, 43, 2858-2864.	2.0	51

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55	Association Between Inpatient Sleep Loss and Hyperglycemia of Hospitalization. Diabetes Care, 2017, 40, 188-193.	8.6	46
56	Objective Sleep Duration and Quality in Hospitalized Older Adults: Associations with Blood Pressure and Mood. Journal of the American Geriatrics Society, 2011, 59, 2185-2186.	2.6	45
57	Later chronotype is associated with higher hemoglobin A1c in prediabetes patients. Chronobiology International, 2017, 34, 393-402.	2.0	45
58	Sleep duration, quality, and timing and their associations with age in a community without electricity in haiti. American Journal of Human Biology, 2014, 26, 80-86.	1.6	43
59	Comparison between an African town and a neighbouring village shows delayed, but not decreased, sleep during the early stages of urbanisation. Scientific Reports, 2017, 7, 5697.	3.3	43
60	Objective sleep, a novel risk factor for alterations in kidney function: the CARDIA study. Sleep Medicine, 2014, 15, 1140-1146.	1.6	41
61	Effectiveness of SIESTA on Objective and Subjective Metrics of Nighttime Hospital Sleep Disruptors. Journal of Hospital Medicine, 2019, 14, 38-41.	1.4	39
62	Risk of Sleep Apnea in Hospitalized Older Patients. Journal of Clinical Sleep Medicine, 2014, 10, 1061-1066.	2.6	39
63	Daytime Physical Activity and Sleep in Hospitalized Older Adults: Association with Demographic Characteristics and Disease Severity. Journal of the American Geriatrics Society, 2015, 63, 1391-1400.	2.6	36
64	Genome-wide association study of breakfast skipping links clock regulation with food timing. American Journal of Clinical Nutrition, 2019, 110, 473-484.	4.7	34
65	Implications of sleep and energy drink use for health disparities. Nutrition Reviews, 2014, 72, 14-22.	5.8	32
66	Sleep myths: an expert-led study to identify false beliefs about sleep that impinge upon population sleep health practices. Sleep Health, 2019, 5, 409-417.	2.5	31
67	No Association Between Leptin Levels and Sleep Duration or Quality in Obese Adults. Obesity, 2011, 19, 2433-2435.	3.0	30
68	Habitual sleep and kidney function in chronic kidney disease: the Chronic Renal Insufficiency Cohort study. Journal of Sleep Research, 2018, 27, 283-291.	3.2	26
69	Poor sleep quality and lipid profile in a rural cohort (The Baependi Heart Study). Sleep Medicine, 2019, 57, 30-35.	1.6	26
70	Predictors of slowâ€wave sleep in a clinicâ€based sample. Journal of Sleep Research, 2012, 21, 170-175.	3.2	25
71	Association of Sleep Duration, Symptoms, and Disorders With Mortality in Adults With Chronic Kidney Disease. Kidney International Reports, 2017, 2, 866-873.	0.8	25
72	Association between sleep duration and body size differs among three Hispanic groups. American Journal of Human Biology, 2011, 23, 138-141.	1.6	24

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73	Early chronotype with advanced activity rhythms and dim light melatonin onset in a rural population. Journal of Pineal Research, 2020, 69, e12675.	7.4	23
74	Perceived control and sleep in hospitalized older adults: A sound hypothesis?. Journal of Hospital Medicine, 2013, 8, 184-190.	1.4	20
75	Sleep and activity patterns in older patients discharged from the hospital. Sleep, 2019, 42, .	1.1	19
76	The association between sleep characteristics and prothrombotic markers in a population-based sample: Chicago Area Sleep Study. Sleep Medicine, 2014, 15, 973-978.	1.6	17
77	Sleep and pain: summary of the 2015 Sleep in America Poll. Sleep Health, 2015, 1, 85.	2.5	16
78	Elevated nocturnal NEFA are an early signal for hyperinsulinaemic compensation during diet-induced insulin resistance in dogs. Diabetologia, 2015, 58, 2663-2670.	6.3	16
79	Health implications of sleep and circadian rhythm research in 2017. Lancet Neurology, The, 2018, 17, 17-18.	10.2	16
80	Impact of obstructive sleep apnea on cardiometabolic health in a random sample of older adults in rural South Africa: building the case for the treatment of sleep disorders in under-resourced settings. Journal of Clinical Sleep Medicine, 2021, 17, 1423-1434.	2.6	16
81	Association between Timing of Energy Intake and Insulin Sensitivity: A Cross-Sectional Study. Nutrients, 2020, 12, 503.	4.1	16
82	The Mediation of Racial Differences in Hypertension by Sleep Characteristics: Chicago Area Sleep Study. American Journal of Hypertension, 2016, 29, 1353-1357.	2.0	15
83	Association of sleep characteristics with cardiovascular and metabolic risk factors in a population sample: the Chicago Area Sleep Study. Sleep Health, 2017, 3, 107-112.	2.5	15
84	Sleep-apnea risk and subclinical atherosclerosis in early-middle-aged retired National Football League players. Nature and Science of Sleep, 2017, Volume 9, 31-38.	2.7	14
85	The Association of Optimism with Sleep Duration and Quality: Findings from the Coronary Artery Risk and Development in Young Adults (CARDIA) Study. Behavioral Medicine, 2020, 46, 100-111.	1.9	14
86	Predictors of sleep-disordered breathing in obese adults who are chronic short sleepers. Sleep Medicine, 2012, 13, 484-489.	1.6	13
87	Subjective sleep quality before and during the COVID-19 pandemic in a Brazilian rural population. Sleep Health, 2022, 8, 167-174.	2.5	13
88	Sleep, culture and health: Reflections on the other third of life. Social Science and Medicine, 2013, 79, 1-6.	3.8	12
89	Environmental Effects on Growth. , 2012, , 245-286.		11
90	Associations between sleep disturbances, diabetes and mortality in the UK Biobank cohort: A prospective populationâ€based study. Journal of Sleep Research, 2021, 30, e13392.	3.2	10

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91	Amerindian (but not African or European) ancestry is significantly associated with diurnal preference within an admixed Brazilian population. Chronobiology International, 2017, 34, 269-272.	2.0	8
92	Evening preference correlates with regional brain volumes in the anterior occipital lobe. Chronobiology International, 2021, 38, 1135-1142.	2.0	8
93	Apples to oranges: comparing long sleep to short sleep. Journal of Sleep Research, 2010, 19, 118-118.	3.2	7
94	Sleep and Insulin Resistance in Adolescents. Sleep, 2012, 35, 1313-1314.	1.1	7
95	Association of magnesium intake with sleep duration and sleep quality: findings from the CARDIA study. Sleep, 2022, 45, .	1.1	7
96	<scp>Nightâ€toâ€night</scp> associations between light exposure and sleep health. Journal of Sleep Research, 2023, 32, .	3.2	7
97	Associations between Diet and Sleep Duration in Different Menopausal Stages. Western Journal of Nursing Research, 2021, 43, 984-994.	1.4	6
98	Compared Heritability of Chronotype Instruments in a Single Population Sample. Journal of Biological Rhythms, 2021, 36, 483-490.	2.6	6
99	Associations between bedtime eating or drinking, sleep duration and wake after sleep onset: findings from the American time use survey. British Journal of Nutrition, 2022, 127, 1888-1897.	2.3	6
100	Associations of Chronic Burden, Sleep Characteristics, and Metabolic Syndrome in the Coronary Artery Risk Development in Young Adults Study. Psychosomatic Medicine, 2022, 84, 711-718.	2.0	5
101	Understanding the determinants of circadian health disparities and cardiovascular disease. Chronobiology International, 2023, 40, 83-90.	2.0	4
102	Racial and Ethnic Differences in Eating Duration and Meal Timing: Findings from NHANES 2011â€“2018. Nutrients, 2022, 14, 2428.	4.1	4
103	Sleep disorders in low- and middle-income countries: a call for action. Journal of Clinical Sleep Medicine, 2021, 17, 2341-2342.	2.6	3
104	Racial Disparities in Sleep: Potential Mediation by Discrimination and Psychological Distress. Journal of Racial and Ethnic Health Disparities, 2023, 10, 573-580.	3.2	3
105	Sleep and metabolic disease. , 2010, , 111-140.		2
106	Lauderdale et al. Respond to â€œHow Much Do We Really Sleep?â€• American Journal of Epidemiology, 2006, 164, 19-20.	3.4	1
107	Sleep Deprivation and Metabolism. , 2014, , 111-129.		1
108	PER3 POLYMORPHISMS, MORNINGNESS-EVENINGNESS AND DEPRESSION: PRELIMINARY EVIDENCE IN A BRAZILIAN FAMILY-BASED COHORT, THE BAEPENDI HEART STUDY. European Neuropsychopharmacology, 2019, 29, S972.	0.7	1

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109	Cardiometabolic consequences of circadian disruption. , 2021, , .		1
110	Associations between sleep, diet, and exercise: implications for health and well-being. , 2022, , 123-131.		1
111	Lauderdale et al. Respond to "Understanding the Role of Sleep". American Journal of Epidemiology, 2009, 170, 817-818.	3.4	0
112	To Sleep or Not To Sleep: Do We Forget Our Patient's Sleep?â€"Reply. Archives of Internal Medicine, 2012, 172, 746-7.	3.8	0
113	0835 ASSOCIATION BETWEEN BEDROOM SOUND LEVELS AND SLEEP CHARACTERISTICS IN AÂBIRACIAL SAMPLE. Sleep, 2017, 40, A309-A309.	1.1	0
114	P054â€...Sleep parameters and light exposure in a sub-sample of a brazilian family-based cohort, the baependi heart study. , 2019, , .		0
115	P032â€...Data from the brazilian baependi heart study cohort yield new insights into the genetic epidemiology of insomnia. , 2019, , .		0
116	P041â€...PER3 polymorphism, sleep duration and depression symptoms in a brazilian family-based cohort, the baependi heart study. , 2019, , .		0
117	Morbidity and mortality associated with sleep length. , 2021, , .		0
118	234 Sleep quality during the coronavirus pandemic in a Brazilian family-based cohort. Sleep, 2021, 44, A93-A94.	1.1	0
119	019 A Simple, Objective Estimate of Dietary Timing as a Circadian Biomarker. Sleep, 2021, 44, A9-A9.	1.1	0
120	Morbidity and Mortality Associated with Sleep Length. , 2013, , 414-416.		0
121	0177 Relationship Between Sleep Architecture and Age by Gender in Brazil: Baependi Heart Study. Sleep, 2022, 45, A82-A82.	1.1	0
122	0597 The Relationship Between Sleep Quality and Functional Outcomes Following Acute Stroke and Inpatient Rehabilitation. Sleep, 2022, 45, A262-A263.	1.1	0
123	0631 Actigraphy-based and self-reported sleep quality and cognitive function in midlife. Sleep, 2022, 45, A277-A277.	1.1	0