

# Fan He

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

1,390  
citations

279798

23  
h-index

345221

36  
g-index

98  
all docs

98  
docs citations

98  
times ranked

2376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Habitual sleep variability, mediated by nutrition intake, is associated with abdominal obesity in adolescents. <i>Sleep Medicine</i> , 2015, 16, 1489-1494.	1.6	82
2	Fine Particulate Air Pollution is Associated with Higher Vulnerability to Atrial Fibrillation—the Apacr Study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 693-705.	2.3	72
3	Abdominal Obesity and Metabolic Syndrome Burden in Adolescents—Penn State Children Cohort Study. <i>Journal of Clinical Densitometry</i> , 2015, 18, 30-36.	1.2	68
4	Habitual sleep variability, not sleep duration, is associated with caloric intake in adolescents. <i>Sleep Medicine</i> , 2015, 16, 856-861.	1.6	67
5	Individual-level PM2.5 exposure and the time course of impaired heart rate variability: the APACR Study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2011, 21, 65-73.	3.9	64
6	Relation of Atrial and/or Ventricular Premature Complexes on a Two-Minute Rhythm Strip to the Risk of Sudden Cardiac Death (the Atherosclerosis Risk in Communities [ARIC] Study). <i>American Journal of Cardiology</i> , 2011, 107, 151-155.	1.6	61
7	Inflammation mediates the association between visceral adiposity and obstructive sleep apnea in adolescents. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E851-E858.	3.5	56
8	Natural history of sleep disordered breathing in prepubertal children transitioning to adolescence. <i>European Respiratory Journal</i> , 2016, 47, 1402-1409.	6.7	56
9	Acute Effects of Fine Particulate Air Pollution on Cardiac Arrhythmia: The APACR Study. <i>Environmental Health Perspectives</i> , 2011, 119, 927-932.	6.0	54
10	Diminished vagal tone is a predictive biomarker of necrotizing enterocolitis—risk in preterm infants. <i>Neurogastroenterology and Motility</i> , 2014, 26, 832-840.	3.0	54
11	Premature Cardiac Contractions and Risk of Incident Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2012, 1, e002519.	3.7	53
12	Acute Adverse Effects of Fine Particulate Air Pollution on Ventricular Repolarization. <i>Environmental Health Perspectives</i> , 2010, 118, 1010-1015.	6.0	47
13	The circadian pattern of cardiac autonomic modulation in a middle-aged population. <i>Clinical Autonomic Research</i> , 2011, 21, 143-150.	2.5	46
14	Short- and Long-Term Sleep Stability in Insomniacs and Healthy Controls. <i>Sleep</i> , 2015, 38, 1727-1734.	1.1	43
15	Impact of the Metabolic Syndrome on Mortality is Modified by Objective Short Sleep Duration. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	40
16	Association between DNA methylation in obesity-related genes and body mass index percentile in adolescents. <i>Scientific Reports</i> , 2019, 9, 2079.	3.3	40
17	Sleep variability and cardiac autonomic modulation in adolescents — Penn State Child Cohort (PSCC) study. <i>Sleep Medicine</i> , 2015, 16, 67-72.	1.6	37
18	Mild-to-moderate sleep apnea is associated with incident hypertension: age effect. <i>Sleep</i> , 2019, 42, .	1.1	36

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19	Interplay of Objective Sleep Duration and Cardiovascular and Cerebrovascular Diseases on Cause-specific Mortality. <i>Journal of the American Heart Association</i> , 2019, 8, e013043.	3.7	35
20	Metabolic syndrome burden in apparently healthy adolescents is adversely associated with cardiac autonomic modulation—Penn State Children Cohort. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 626-632.	3.4	30
21	Objective short sleep duration increases the risk of all-cause mortality associated with possible vascular cognitive impairment. <i>Sleep Health</i> , 2020, 6, 71-78.	2.5	29
22	Association of Pediatric Obstructive Sleep Apnea With Elevated Blood Pressure and Orthostatic Hypertension in Adolescence. <i>JAMA Cardiology</i> , 2021, 6, 1144.	6.1	29
23	Increased inflammation from childhood to adolescence predicts sleep apnea in boys: A preliminary study. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 259-265.	4.1	25
24	Insomnia with objective short sleep duration is associated with cognitive impairment: a first look at cardiometabolic contributors to brain health. <i>Sleep</i> , 2021, 44, .	1.1	25
25	Insulin resistance and circadian rhythm of cardiac autonomic modulation. <i>Cardiovascular Diabetology</i> , 2010, 9, 85.	6.8	24
26	The circadian pattern of cardiac autonomic modulation and obesity in adolescents. <i>Clinical Autonomic Research</i> , 2014, 24, 265-273.	2.5	24
27	Objective short sleep duration modifies the relationship between hypertension and all-cause mortality. <i>Journal of Hypertension</i> , 2017, 35, 830-836.	0.5	20
28	Natural history of insomnia symptoms in the transition from childhood to adolescence: population rates, health disparities, and risk factors. <i>Sleep</i> , 2021, 44, .	1.1	20
29	Childhood Obesity and Autonomic Dysfunction: Risk for Cardiac Morbidity and Mortality. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2014, 16, 342.	0.9	17
30	Trajectories of Insomnia Symptoms From Childhood Through Young Adulthood. <i>Pediatrics</i> , 2022, 149, .	2.1	15
31	Neurocognitive and behavioral functioning in adolescents with sleep-disordered breathing: a population-based, dual-energy X-ray absorptiometry study. <i>International Journal of Obesity</i> , 2018, 42, 95-101.	3.4	13
32	Systemic inflammation and circadian rhythm of cardiac autonomic modulation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 162, 72-76.	2.8	11
33	Sex and Pubertal Differences in the Maturation Trajectories of Sleep Spindles in the Transition from Childhood to Adolescence: A Population-Based Study. <i>ENeuro</i> , 2021, 8, ENEURO.0257-21.2021.	1.9	11
34	Association of visceral adiposity and systemic inflammation with sleep disordered breathing in normal weight, never obese adolescents. <i>Sleep Medicine</i> , 2020, 69, 103-108.	1.6	10
35	Maturation trajectories of non-rapid eye movement slow wave activity and odds ratio product in a population-based sample of youth. <i>Sleep Medicine</i> , 2021, 83, 271-279.	1.6	10
36	Acute effects of fine particulate air pollution on ST segment height: A longitudinal study. <i>Environmental Health</i> , 2010, 9, 68.	4.0	9

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37	Behavioral, neurocognitive, polysomnographic and cardiometabolic profiles associated with obstructive sleep apnea in adolescents with ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 544-552.	5.2	7
38	Insomnia Symptoms and Sleep Duration Are Associated with Impaired Cardiac Autonomic Modulation in Children. <i>Neuroscience and Medicine</i> , 2011, 02, 288-294.	0.2	6
39	0874 Insomnia with Objective Short Sleep Duration Is Associated with an Increased Risk of Cardiocerebrovascular Disease. <i>Sleep</i> , 2018, 41, A325-A325.	1.1	5
40	Racial/ethnic disparity in habitual sleep is modified by caloric intake in adolescents. <i>Sleep Medicine</i> , 2020, 76, 65-71.	1.6	5
41	Improving main analysis by borrowing information from auxiliary data. <i>Statistics in Medicine</i> , 2022, 41, 567-579.	1.6	5
42	0426 MILD-TO-MODERATE OBSTRUCTIVE SLEEP APNEA IS ASSOCIATED WITH INCIDENT HYPERTENSION: A LONGITUDINAL, POPULATION-BASED STUDY. <i>Sleep</i> , 2017, 40, A158-A159.	1.1	3
43	Transdiagnostic and Functional Predictors of Depression Severity and Trajectory in the Penn State Psychiatry Clinical Assessment and Rating Evaluation System (PCARES) Registry. <i>Journal of Affective Disorders</i> , 2021, 298, 86-94.	4.1	3
44	151 Sex Differences in the Maturation Trajectories of Sleep Spindles in the Transition from Childhood to Adolescence. <i>Sleep</i> , 2021, 44, A62-A62.	1.1	2
45	327 Developmental Trajectories of Insomnia and Risk of Internalizing Disorders in Young Adulthood. <i>Sleep</i> , 2021, 44, A131-A131.	1.1	2
46	Association of a novel EEG metric of sleep depth/intensity with attention-deficit/hyperactivity, learning, and internalizing disorders and their pharmacotherapy in adolescence. <i>Sleep</i> , 2022, 45, .	1.1	2
47	Screening for ADHD in a general outpatient psychiatric sample of adults. <i>Psychiatry Research</i> , 2022, 311, 114524.	3.3	2
48	0424 MODERATE OBSTRUCTIVE SLEEP APNEA IS ASSOCIATED WITH INCIDENT DIABETES: A LONGITUDINAL, POPULATION-BASED STUDY. <i>Sleep</i> , 2017, 40, A158-A158.	1.1	1
49	0893 INCREASED INFLAMMATION FROM CHILDHOOD TO ADOLESCENCE MEDIATES THE ASSOCIATION BETWEEN WAIST CIRCUMFERENCE AND OBSTRUCTIVE SLEEP APNEA IN BOYS. <i>Sleep</i> , 2017, 40, A332-A332.	1.1	1
50	0504 Mortality Risk Associated with Mild-to-Moderate Sleep Apnea is Modified by Age. <i>Sleep</i> , 2019, 42, A202-A202.	1.1	1
51	0355 Insomnia with Objective Short Sleep Duration is Associated with Cognitive Impairment: A Closer Look at Cardiometabolic Brain Health. <i>Sleep</i> , 2019, 42, A145-A145.	1.1	1
52	Abstract 027: Individual-level Fine Particulate Air Pollution Is Associated With Arrhythmia In Adolescents. <i>Circulation</i> , 2021, 143, .	1.6	1
53	Abstract 060: Cardiovascular Disease Burden In A Psychiatric Outpatient Population. <i>Circulation</i> , 2021, 143, .	1.6	1
54	Abstract MP63: Childhood-onset Obstructive Sleep Apnea Is Associated With Increased Risk Of Adolescent Hypertension. <i>Circulation</i> , 2021, 143, .	1.6	1

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55	Abstract MP70: Short-term Fine Particulate Air Pollution Is Associated With Shorter Sleep Duration And Higher Sleep Variability In Adolescents. <i>Circulation</i> , 2021, 143, .	1.6	1
56	Abstract 038: Cumulative Exposure To Sleep Disordered Breathing From Childhood Through Young Adulthood Is Associated With Impaired Endothelial Function. <i>Circulation</i> , 2021, 143, .	1.6	1
57	Evidence of a maturational disruption in non-rapid eye movement sleep slow wave activity in youth with attention-deficit/hyperactivity, learning and internalizing disorders. <i>Sleep Medicine</i> , 2022, 90, 230-237.	1.6	1
58	Abstract MP56: Sleep Regularity Modifies The Association Of Visceral Adiposity With Elevated Blood Pressure In Adolescents. <i>Circulation</i> , 2022, 145, .	1.6	1
59	Abstract 039: Association Of A Cumulative Exposure To Sleep Disordered Breathing From Childhood Through Young Adulthood With Carotid Intima-media Thickness. <i>Circulation</i> , 2022, 145, .	1.6	1
60	0254 Association of Slow Wave Activity and Odds Ratio Product with Internalizing and Externalizing Problems in Children and Adolescents. <i>Sleep</i> , 2022, 45, A114-A114.	1.1	1
61	0219 Interplay of School Days and Free Days with Sleep Midpoint on the Association of Visceral Adiposity with Blood Pressure in Adolescents. <i>Sleep</i> , 2022, 45, A99-A100.	1.1	1
62	0031 Sleep Regularity is Associated with DNA Methylation in Cognitive, Cardiovascular and Mood-related Genes: A GWAS-informed Study in Adolescents. <i>Sleep</i> , 2022, 45, A14-A15.	1.1	1
63	Acute Effects of Fine Particulate Air Pollution on Cardiac Electrophysiological Parameters. <i>Epidemiology</i> , 2011, 22, S54.	2.7	0
64	1015 IMPACT OF SHORT SLEEP DURATION ON MORTALITY RISK ASSOCIATED WITH CARDIOVASCULAR DISEASE AND STROKE. <i>Sleep</i> , 2017, 40, A378-A378.	1.1	0
65	0735 Longitudinal Association of the Natural Course of Childhood Overweight with Sleep Disordered Breathing in the Transition to Adolescence: The Penn State Child Cohort. <i>Sleep</i> , 2019, 42, A295-A295.	1.1	0
66	0864 Objective Short Sleep Duration Increases the Risk of All-Cause and Cause-Specific Mortality Associated with Cognitive Impairment. <i>Sleep</i> , 2019, 42, A346-A348.	1.1	0
67	0758 Natural History of Insomnia Symptoms from Childhood through Adolescence into Young Adulthood: The Penn State Child Cohort. <i>Sleep</i> , 2019, 42, A304-A305.	1.1	0
68	0878 Association of Obstructive Sleep Apnea with Internalizing Symptoms vs. Externalizing Behaviors in Adolescents with Attention Deficit Hyperactivity Disorder. <i>Sleep</i> , 2020, 43, A334-A335.	1.1	0
69	0585 C-Reactive Protein Improves the Ability to Detect Cardiometabolic Risk in Mild-to-Moderate Sleep Apnea. <i>Sleep</i> , 2020, 43, A224-A224.	1.1	0
70	0457 Insomnia and Cause-Specific Mortality in Men and Women. <i>Sleep</i> , 2020, 43, A175-A175.	1.1	0
71	0919 Health Disparities in the Persistence of Childhood Insomnia Symptoms in the Transition to Adolescence: The Penn State Child Cohort. <i>Sleep</i> , 2020, 43, A349-A349.	1.1	0
72	0920 Behavioral Profiles Associated with the Development of Insomnia Symptoms in Children with Known Mental Health Disorders. <i>Sleep</i> , 2020, 43, A349-A350.	1.1	0

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73	0319 Sleep Architecture and Neurocognitive and Behavioral Functioning in Youth from the General Population. <i>Sleep</i> , 2020, 43, A121-A121.	1.1	0
74	0936 Cardiometabolic Disorders are Independently Associated with Excessive Daytime Sleepiness in Young Adults. <i>Sleep</i> , 2020, 43, A356-A356.	1.1	0
75	0890 Sleep Disordered Breathing is Associated With Endothelial Dysfunction and Atherosclerosis in Young Adults: Preliminary Longitudinal Findings in the Penn State Child Cohort. <i>Sleep</i> , 2020, 43, A339-A339.	1.1	0
76	150 Impact of Behavioral Disorders and their Pharmacological Treatment on the Maturational Trajectories of NREM Slow Wave Activity. <i>Sleep</i> , 2021, 44, A61-A62.	1.1	0
77	628 Longitudinal Association between NREM Sleep Depth and Arousability with ADHD and Internalizing Disorders in Adolescence. <i>Sleep</i> , 2021, 44, A246-A247.	1.1	0
78	627 Adolescent Delayed Sleep Phase and Circadian Irregularity Associated with Substance (Mis)Use in Young Adulthood. <i>Sleep</i> , 2021, 44, A246-A246.	1.1	0
79	010 Association between Objective Sleep Duration and DNA methylation in Adolescents. <i>Sleep</i> , 2021, 44, A4-A6.	1.1	0
80	Short-term and Intermediate-term Fine Particulate Air Pollution are Synergistically Associated with Habitual Sleep Variability in Adolescents. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
81	Abstract MP94: Short Sleep Duration Modifies the Relationship Between Cognitive Impairment Associated with Cardiovascular Disease and All-cause Mortality. <i>Circulation</i> , 2016, 133, .	1.6	0
82	Abstract MP085: Cognitive Impairment Mediates the Impact of Short Sleep Duration on Mortality in Individuals with Cardiovascular or Cerebrovascular Disease. <i>Circulation</i> , 2017, 135, .	1.6	0
83	Abstract P129: Association Between Blood Pressure and DNA Methylation in Blood Pressure-related Genes in Adolescents. <i>Circulation</i> , 2018, 137, .	1.6	0
84	Abstract P337: Adolescent Sleep is Associated With Physical Activity and Sedentary Behavior Patterns. <i>Circulation</i> , 2018, 137, .	1.6	0
85	Abstract P343: Sex Differences in Cardiovascular/Cerebrovascular Mortality Risk Associated With Chronic Insomnia. <i>Circulation</i> , 2018, 137, .	1.6	0
86	Abstract P339: Impaired Cardiac Autonomic Modulation in Adolescents: Role of Insomnia Symptoms, Objective Short Sleep Duration and Night-To-Night Sleep Variability. <i>Circulation</i> , 2018, 137, .	1.6	0
87	Abstract MP26: Visceral Obesity and Systemic Inflammation Predict Sleep Disordered Breathing in Normal Weight, Never Obese Adolescents: A Longitudinal, Population-Based Study. <i>Circulation</i> , 2019, 139, .	1.6	0
88	Abstract P275: Objective Short Sleep Duration Increases the Risk of Cancer Mortality Associated With Cardiovascular and Cerebrovascular Disease. <i>Circulation</i> , 2019, 139, .	1.6	0
89	Abstract MP52: Racial Disparity in Habitual Sleep Pattern Among Adolescents is Modified by Caloric Intake. <i>Circulation</i> , 2019, 139, .	1.6	0
90	Abstract MP23: Interplay of Cognitive Impairment and Short Sleep Duration on Cardiovascular and Cerebrovascular Mortality. <i>Circulation</i> , 2020, 141, .	1.6	0

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91	Abstract 11114: Cardiovascular Disease Burden is Associated with Worsened Clinical Depression. <i>Circulation</i> , 2021, 144, .	1.6	0
92	Abstract P354: Objective Short Sleep Duration Increases the Risk of Mortality Associated with the Metabolic Syndrome. <i>Circulation</i> , 2017, 135, .	1.6	0
93	0032 Objective and Subjective Measures of Sleep Initiation are Differentially Associated with DNA Methylation in Adolescents. <i>Sleep</i> , 2022, 45, A15-A15.	1.1	0
94	0724 Age-related AHI cut-offs associated with cardiovascular and cerebrovascular disorders: clinical implications. <i>Sleep</i> , 2022, 45, A317-A317.	1.1	0
95	0536 Association of a Novel EEG Biomarker of Sleep Depth with Sleep Disordered Breathing in Adolescents. <i>Sleep</i> , 2022, 45, A236-A236.	1.1	0
96	0190 Association of Sleep Spindle Activity with Cognition in Youth from the General Population. <i>Sleep</i> , 2022, 45, A87-A87.	1.1	0
97	0432 Insomnia is Associated with Endothelial Dysfunction in Young Adulthood: the Penn State Child Cohort. <i>Sleep</i> , 2022, 45, A192-A192.	1.1	0
98	0488 Trajectories of Insomnia Symptoms since Childhood Associated with Treatment of Internalizing Disorders in Adulthood. <i>Sleep</i> , 2022, 45, A216-A216.	1.1	0