

# Fan He

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

1,390  
citations

279798

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345221

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docs citations

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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         |
| 2  | Improving main analysis by borrowing information from auxiliary data. <i>Statistics in Medicine</i> , 2022, 41, 567-579.  | 1.6 | 5         |
| 3  | 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         |
| 4  | 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         |
| 5  | Trajectories of Insomnia Symptoms From Childhood Through Young Adulthood. <i>Pediatrics</i> , 2022, 149, .  | 2.1 | 15        |
| 6  | Abstract MP56: Sleep Regularity Modifies The Association Of Visceral Adiposity With Elevated Blood Pressure In Adolescents. <i>Circulation</i> , 2022, 145, .   | 1.6 | 1         |
| 7  | 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         |
| 8  | Screening for ADHD in a general outpatient psychiatric sample of adults. <i>Psychiatry Research</i> , 2022, 311, 114524.  | 3.3 | 2         |
| 9  | 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         |
| 10 | 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         |
| 11 | 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         |
| 12 | 0724 Age-related AHI cut-offs associated with cardiovascular and cerebrovascular disorders: clinical implications. <i>Sleep</i> , 2022, 45, A317-A317.  | 1.1 | 0         |
| 13 | 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         |
| 14 | 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         |
| 15 | 0190 Association of Sleep Spindle Activity with Cognition in Youth from the General Population. <i>Sleep</i> , 2022, 45, A87-A87.   | 1.1 | 0         |
| 16 | 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         |
| 17 | 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         |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | Abstract O27: Individual-level Fine Particulate Air Pollution Is Associated With Arrhythmia In Adolescents. <i>Circulation</i> , 2021, 143, .  | 1.6 | 1         |
| 21 | Abstract O60: Cardiovascular Disease Burden In A Psychiatric Outpatient Population. <i>Circulation</i> , 2021, 143, .  | 1.6 | 1         |
| 22 | 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         |
| 23 | Abstract MP63: Childhood-onset Obstructive Sleep Apnea Is Associated With Increased Risk Of Adolescent Hypertension. <i>Circulation</i> , 2021, 143, .   | 1.6 | 1         |
| 24 | 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         |
| 25 | 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         |
| 26 | 151 Sex Differences in the Maturational Trajectories of Sleep Spindles in the Transition from Childhood to Adolescence. <i>Sleep</i> , 2021, 44, A62-A62.  | 1.1 | 2         |
| 27 | 010 Association between Objective Sleep Duration and DNA methylation in Adolescents. <i>Sleep</i> , 2021, 44, A4-A6.   | 1.1 | 0         |
| 28 | 327 Developmental Trajectories of Insomnia and Risk of Internalizing Disorders in Young Adulthood. <i>Sleep</i> , 2021, 44, A131-A131.   | 1.1 | 2         |
| 29 | 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         |
| 30 | Abstract O38: 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         |
| 31 | Sex and Pubertal Differences in the Maturational 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        |
| 32 | 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        |
| 33 | Maturational 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        |
| 34 | 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         |
| 35 | 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         |
| 36 | Abstract 11114: Cardiovascular Disease Burden is Associated with Worsened Clinical Depression. <i>Circulation</i> , 2021, 144, .   | 1.6 | 0         |

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|----|---|-----|-----------|
| 37 | 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        |
| 38 | 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         |
| 39 | Racial/ethnic disparity in habitual sleep is modified by caloric intake in adolescents. <i>Sleep Medicine</i> , 2020, 76, 65-71.  | 1.6 | 5         |
| 40 | 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         |
| 41 | 0457 Insomnia and Cause-Specific Mortality in Men and Women. <i>Sleep</i> , 2020, 43, A175-A175.  | 1.1 | 0         |
| 42 | 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         |
| 43 | 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         |
| 44 | 0319 Sleep Architecture and Neurocognitive and Behavioral Functioning in Youth from the General Population. <i>Sleep</i> , 2020, 43, A121-A121.   | 1.1 | 0         |
| 45 | 0936 Cardiometabolic Disorders are Independently Associated with Excessive Daytime Sleepiness in Young Adults. <i>Sleep</i> , 2020, 43, A356-A356.  | 1.1 | 0         |
| 46 | 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         |
| 47 | 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        |
| 48 | Abstract MP23: Interplay of Cognitive Impairment and Short Sleep Duration on Cardiovascular and Cerebrovascular Mortality. <i>Circulation</i> , 2020, 141, .  | 1.6 | 0         |
| 49 | 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         |
| 50 | 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         |
| 51 | 0504 Mortality Risk Associated with Mild-to-Moderate Sleep Apnea is Modified by Age. <i>Sleep</i> , 2019, 42, A202-A202.  | 1.1 | 1         |
| 52 | 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        |
| 53 | 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         |
| 54 | 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        |

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|----|---|-----|-----------|
| 55 | 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         |
| 56 | Mild-to-moderate sleep apnea is associated with incident hypertension: age effect. <i>Sleep</i> , 2019, 42, .   | 1.1 | 36        |
| 57 | 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         |
| 58 | 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         |
| 59 | Abstract MP52: Racial Disparity in Habitual Sleep Pattern Among Adolescents is Modified by Caloric Intake. <i>Circulation</i> , 2019, 139, .  | 1.6 | 0         |
| 60 | 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        |
| 61 | 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         |
| 62 | Abstract P129: Association Between Blood Pressure and DNA Methylation in Blood Pressure-related Genes in Adolescents. <i>Circulation</i> , 2018, 137, .   | 1.6 | 0         |
| 63 | Abstract P337: Adolescent Sleep is Associated With Physical Activity and Sedentary Behavior Patterns. <i>Circulation</i> , 2018, 137, .   | 1.6 | 0         |
| 64 | Abstract P343: Sex Differences in Cardiovascular/Cerebrovascular Mortality Risk Associated With Chronic Insomnia. <i>Circulation</i> , 2018, 137, .   | 1.6 | 0         |
| 65 | 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         |
| 66 | 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        |
| 67 | 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        |
| 68 | 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         |
| 69 | 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        |
| 70 | 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         |
| 71 | 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         |
| 72 | 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         |

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|----|---|-----|-----------|
| 73 | 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         |
| 74 | Abstract P354: Objective Short Sleep Duration Increases the Risk of Mortality Associated with the Metabolic Syndrome. <i>Circulation</i> , 2017, 135, .   | 1.6 | 0         |
| 75 | 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        |
| 76 | Natural history of sleep disordered breathing in prepubertal children transitioning to adolescence. <i>European Respiratory Journal</i> , 2016, 47, 1402-1409.  | 6.7 | 56        |
| 77 | 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         |
| 78 | Short- and Long-Term Sleep Stability in Insomniacs and Healthy Controls. <i>Sleep</i> , 2015, 38, 1727-1734.  | 1.1 | 43        |
| 79 | Abdominal Obesity and Metabolic Syndrome Burden in Adolescentsâ€”Penn State Children Cohort Study. <i>Journal of Clinical Densitometry</i> , 2015, 18, 30-36.   | 1.2 | 68        |
| 80 | Sleep variability and cardiac autonomic modulation in adolescents â€” Penn State Child Cohort (PSCC) study. <i>Sleep Medicine</i> , 2015, 16, 67-72.  | 1.6 | 37        |
| 81 | Metabolic syndrome burden in apparently healthy adolescents is adversely associated with cardiac autonomic modulationâ€”Penn State Children Cohort. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 626-632. | 3.4 | 30        |
| 82 | Habitual sleep variability, not sleep duration, is associated with caloric intake in adolescents. <i>Sleep Medicine</i> , 2015, 16, 856-861.  | 1.6 | 67        |
| 83 | 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        |
| 84 | The circadian pattern of cardiac autonomic modulation and obesity in adolescents. <i>Clinical Autonomic Research</i> , 2014, 24, 265-273.   | 2.5 | 24        |
| 85 | 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        |
| 86 | Diminished vagal tone is a predictive biomarker of necrotizing enterocolitisâ€™risk in preterm infants. <i>Neurogastroenterology and Motility</i> , 2014, 26, 832-840.  | 3.0 | 54        |
| 87 | Premature Cardiac Contractions and Risk of Incident Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2012, 1, e002519.   | 3.7 | 53        |
| 88 | Systemic inflammation and circadian rhythm of cardiac autonomic modulation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 162, 72-76.   | 2.8 | 11        |
| 89 | 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         |
| 90 | 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        |

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|----|--|-----|-----------|
| 91 | 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). American Journal of Cardiology, 2011, 107, 151-155. | 1.6 | 61        |
| 92 | The circadian pattern of cardiac autonomic modulation in a middle-aged population. Clinical Autonomic Research, 2011, 21, 143-150.   | 2.5 | 46        |
| 93 | Acute Effects of Fine Particulate Air Pollution on Cardiac Electrophysiological Parameters. Epidemiology, 2011, 22, S54.   | 2.7 | 0         |
| 94 | Acute Effects of Fine Particulate Air Pollution on Cardiac Arrhythmia: The APACR Study. Environmental Health Perspectives, 2011, 119, 927-932.   | 6.0 | 54        |
| 95 | Fine Particulate Air Pollution is Associated with Higher Vulnerability to Atrial Fibrillation—the Apacr Study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 693-705.                             | 2.3 | 72        |
| 96 | Insulin resistance and circadian rhythm of cardiac autonomic modulation. Cardiovascular Diabetology, 2010, 9, 85.  | 6.8 | 24        |
| 97 | Acute Adverse Effects of Fine Particulate Air Pollution on Ventricular Repolarization. Environmental Health Perspectives, 2010, 118, 1010-1015.  | 6.0 | 47        |
| 98 | Acute effects of fine particulate air pollution on ST segment height: A longitudinal study. Environmental Health, 2010, 9, 68.   | 4.0 | 9         |