

# Anu-Katriina Pesonen

## List of Publications by Year in descending order

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121  
papers

4,494  
citations

81900

39  
h-index

123424

61  
g-index

123  
all docs

123  
docs citations

123  
times ranked

6043  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic review of light exposure impact on human circadian rhythm. <i>Chronobiology International</i> , 2019, 36, 151-170.	2.0	253
2	Short Sleep Duration and Behavioral Symptoms of Attention-Deficit/Hyperactivity Disorder in Healthy 7- to 8-Year-Old Children. <i>Pediatrics</i> , 2009, 123, e857-e864.	2.1	151
3	Depression in Young Adults With Very Low Birth Weight. <i>Archives of General Psychiatry</i> , 2008, 65, 290.	12.3	137
4	Childhood separation experience predicts HPA axis hormonal responses in late adulthood: A natural experiment of World War II. <i>Psychoneuroendocrinology</i> , 2010, 35, 758-767.	2.7	133
5	Poor Sleep and Altered Hypothalamic-Pituitary-Adrenocortical and Sympatho-Adrenal-Medullary System Activity in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2254-2261.	3.6	133
6	Maternal Licorice Consumption and Detrimental Cognitive and Psychiatric Outcomes in Children. <i>American Journal of Epidemiology</i> , 2009, 170, 1137-1146.	3.4	116
7	Depressive Symptoms in Adults Separated from Their Parents as Children: A Natural Experiment during World War II. <i>American Journal of Epidemiology</i> , 2007, 166, 1126-1133.	3.4	111
8	Maternal Depressive Symptoms During and After Pregnancy and Psychiatric Problems in Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 30-39.e7.	0.5	106
9	Sleep Duration and Regularity are Associated with Behavioral Problems in 8-year-old Children. <i>International Journal of Behavioral Medicine</i> , 2010, 17, 298-305.	1.7	97
10	Cardiovascular health of Finnish war evacuees 60 years later. <i>Annals of Medicine</i> , 2009, 41, 66-72.	3.8	96
11	Continuity of temperament from infancy to middle childhood. , 2006, 29, 494-508.		95
12	Temporal Associations between Daytime Physical Activity and Sleep in Children. <i>PLoS ONE</i> , 2011, 6, e22958.	2.5	95
13	Maternal prenatal licorice consumption alters hypothalamic-pituitary-adrenocortical axis function in children. <i>Psychoneuroendocrinology</i> , 2010, 35, 1587-1593.	2.7	92
14	Reproductive traits following a parent-child separation trauma during childhood: A natural experiment during World War II. <i>American Journal of Human Biology</i> , 2008, 20, 345-351.	1.6	85
15	Sleep quantity, quality and optimism in children. <i>Journal of Sleep Research</i> , 2011, 20, 12-20.	3.2	83
16	Prenatal Origins of Poor Sleep in Children. <i>Sleep</i> , 2009, 32, 1086-1092.	1.1	79
17	Growth Trajectories and Intellectual Abilities in Young Adulthood: The Helsinki Birth Cohort Study. <i>American Journal of Epidemiology</i> , 2009, 170, 447-455.	3.4	77
18	Infant Growth after Preterm Birth and Neurocognitive Abilities in Young Adulthood. <i>Journal of Pediatrics</i> , 2014, 165, 1109-1115.e3.	1.8	77

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19	Poor sleep and neurocognitive function in early adolescence. <i>Sleep Medicine</i> , 2015, 16, 1207-1212.	1.6	75
20	Maternal depressive symptoms during and after pregnancy and child developmental milestones. <i>Depression and Anxiety</i> , 2018, 35, 732-741.	4.1	69
21	Risk of severe mental disorders in adults separated temporarily from their parents in childhood: The Helsinki birth cohort study. <i>Journal of Psychiatric Research</i> , 2011, 45, 332-338.	3.1	66
22	Personality of young adults born prematurely: the Helsinki study of very low birth weight adults. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 609-617.	5.2	65
23	Music Training Enhances Rapid Neural Plasticity of N1 and P2 Source Activation for Unattended Sounds. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 43.	2.0	65
24	Pandemic Dreams: Network Analysis of Dream Content During the COVID-19 Lockdown. <i>Frontiers in Psychology</i> , 2020, 11, 573961.	2.1	65
25	Higher Levels of Physical Activity Are Associated With Lower Hypothalamic-Pituitary-Adrenocortical Axis Reactivity to Psychosocial Stress in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E619-E627.	3.6	64
26	Continuity and Change in Poor Sleep from Childhood to Early Adolescence. <i>Sleep</i> , 2014, 37, 289-297.	1.1	64
27	Young Adults With Very Low Birth Weight: Leaving the Parental Home and Sexual Relationships—Helsinki Study of Very Low Birth Weight Adults. <i>Pediatrics</i> , 2008, 122, e62-e72.	2.1	63
28	Associations between early life stress, self-reported traumatic experiences across the lifespan and leukocyte telomere length in elderly adults. <i>Biological Psychology</i> , 2014, 97, 35-42.	2.2	63
29	Maternal depressive symptoms during and after pregnancy are associated with attention-deficit/hyperactivity disorder symptoms in their 3- to 6-year-old children. <i>PLoS ONE</i> , 2017, 12, e0190248.	2.5	63
30	A Transactional Model of Temperamental Development: Evidence of a Relationship between Child Temperament and Maternal Stress over Five Years. <i>Social Development</i> , 2008, 17, 326-340.	1.3	60
31	Early determinants of mental health. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 599-611.	4.7	57
32	Cognitive ability and decline after early life stress exposure. <i>Neurobiology of Aging</i> , 2013, 34, 1674-1679.	3.1	54
33	The Impact of Early Life Stress on Anxiety Symptoms in Late Adulthood. <i>Scientific Reports</i> , 2019, 9, 4395.	3.3	53
34	The Validity of a New Consumer-Targeted Wrist Device in Sleep Measurement: An Overnight Comparison Against Polysomnography in Children and Adolescents. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 585-591.	2.6	50
35	Hypertensive disorders in pregnancy and cognitive decline in the offspring up to old age. <i>Neurology</i> , 2012, 79, 1578-1582.	1.1	48
36	Very Low Birth Weight, Infant Growth, and Autism-Spectrum Traits in Adulthood. <i>Pediatrics</i> , 2014, 134, 1075-1083.	2.1	45

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37	Eveningness as a risk for behavioral problems in late adolescence. <i>Chronobiology International</i> , 2017, 34, 225-234.	2.0	45
38	REM sleep fragmentation associated with depressive symptoms and genetic risk for depression in a community-based sample of adolescents. <i>Journal of Affective Disorders</i> , 2019, 245, 757-763.	4.1	45
39	Maternal Licorice Consumption During Pregnancy and Pubertal, Cognitive, and Psychiatric Outcomes in Children. <i>American Journal of Epidemiology</i> , 2017, 185, 317-328.	3.4	44
40	Early Life Origins Cognitive Decline: Findings in Elderly Men in the Helsinki Birth Cohort Study. <i>PLoS ONE</i> , 2013, 8, e54707.	2.5	43
41	Development of Late Circadian Preference: Sleep Timing From Childhood to Late Adolescence. <i>Journal of Pediatrics</i> , 2018, 194, 182-189.e1.	1.8	41
42	Fetal programming of temperamental negative affectivity among children born healthy at term. <i>Developmental Psychobiology</i> , 2006, 48, 633-643.	1.6	40
43	Maternal early pregnancy obesity and related pregnancy and pre-pregnancy disorders: associations with child developmental milestones in the prospective PREDO Study. <i>International Journal of Obesity</i> , 2018, 42, 995-1007.	3.4	39
44	Poor Sleep and Cardiovascular Function in Children. <i>Hypertension</i> , 2011, 58, 16-21.	2.7	38
45	Sex-specific associations between sleep problems and hypothalamic-pituitary-adrenocortical axis activity in children. <i>Psychoneuroendocrinology</i> , 2012, 37, 238-248.	2.7	37
46	The lifespan consequences of early life stress. <i>Physiology and Behavior</i> , 2012, 106, 722-727.	2.1	36
47	Difficult temperament in childhood and adulthood: continuity from maternal perceptions to self-ratings over 17 years. <i>Personality and Individual Differences</i> , 2003, 34, 19-31.	2.9	35
48	History of mental disorders and leukocyte telomere length in late adulthood: The Helsinki Birth Cohort Study (HBCS). <i>Journal of Psychiatric Research</i> , 2012, 46, 1346-1353.	3.1	35
49	Music training enhances the rapid plasticity of P3a/P3b event-related brain potentials for unattended and attended target sounds. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 600-612.	1.3	33
50	Maternal depressive symptoms during and after pregnancy are associated with poorer sleep quantity and quality and sleep disorders in 3.5-year-old offspring. <i>Sleep Medicine</i> , 2019, 56, 201-210.	1.6	32
51	Maternal early pregnancy obesity and depressive symptoms during and after pregnancy. <i>Psychological Medicine</i> , 2018, 48, 2353-2363.	4.5	31
52	Nutrition after preterm birth and adult neurocognitive outcomes. <i>PLoS ONE</i> , 2017, 12, e0185632.	2.5	29
53	Sleep and Lipid Profile During Transition from Childhood to Adolescence. <i>Journal of Pediatrics</i> , 2016, 177, 173-178.e1.	1.8	28
54	Associations of antenatal glucocorticoid exposure with mental health in children. <i>Psychological Medicine</i> , 2020, 50, 247-257.	4.5	28

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55	Antenatal Betamethasone and Fetal Growth in Prematurely Born Children: Implications for Temperament Traits at the Age of 2 Years. <i>Pediatrics</i> , 2009, 123, e31-e37.	2.1	27
56	Depressive vulnerability in parents and their 5-year-old child's temperament: A family system perspective.. <i>Journal of Family Psychology</i> , 2006, 20, 648-655.	1.3	26
57	Naturally occurring circadian rhythm and sleep duration are related to executive functions in early adulthood. <i>Journal of Sleep Research</i> , 2018, 27, 113-119.	3.2	26
58	Understanding developmental language disorder - the Helsinki longitudinal SLI study (HelSLI): a study protocol. <i>BMC Psychology</i> , 2018, 6, 24.	2.1	26
59	Growth after late-preterm birth and adult cognitive, academic, and mental health outcomes. <i>Pediatric Research</i> , 2017, 81, 767-774.	2.3	25
60	ADHD symptoms are associated with decreased activity of fast sleep spindles and poorer procedural overnight learning during adolescence. <i>Neurobiology of Learning and Memory</i> , 2019, 157, 106-113.	1.9	23
61	Do Gestational Age and Weight for Gestational Age Predict Concordance in Parental Perceptions of Infant Temperament?. <i>Journal of Pediatric Psychology</i> , 2006, 31, 331-336.	2.1	21
62	Maternal Grand Multiparity and the Risk of Severe Mental Disorders in Adult Offspring. <i>PLoS ONE</i> , 2014, 9, e114679.	2.5	21
63	Passive sound exposure induces rapid perceptual learning in musicians: Event-related potential evidence. <i>Biological Psychology</i> , 2013, 94, 341-353.	2.2	20
64	Placental Morphology Is Associated with Maternal Depressive Symptoms during Pregnancy and Toddler Psychiatric Problems. <i>Scientific Reports</i> , 2018, 8, 791.	3.3	20
65	Genetic risk factors for schizophrenia associate with sleep spindle activity in healthy adolescents. <i>Journal of Sleep Research</i> , 2019, 28, e12762.	3.2	19
66	Trajectories of physical growth and personality dimensions of the Five-Factor Model.. <i>Journal of Personality and Social Psychology</i> , 2013, 105, 154-169.	2.8	18
67	Neurocognitive outcome in young adults born lateâ€preterm. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 267-274.	2.1	18
68	Circadian preference and sleep timing from childhood to adolescence in relation to genetic variants from a genome-wide association study. <i>Sleep Medicine</i> , 2018, 50, 36-41.	1.6	18
69	The Effects of Presleep Slow Breathing and Music Listening on Polysomnographic Sleep Measures â€“ a pilot trial. <i>Scientific Reports</i> , 2020, 10, 7427.	3.3	18
70	The associations between adolescent sleep, diurnal cortisol patterns and cortisol reactivity to dexamethasone suppression test. <i>Psychoneuroendocrinology</i> , 2014, 49, 150-160.	2.7	17
71	Eveningness associates with lower physical activity from pre- to late adolescence. <i>Sleep Medicine</i> , 2020, 74, 189-198.	1.6	17
72	Stressed parents: a dyadic perspective on perceived infant temperament. <i>Infant and Child Development</i> , 2006, 15, 75-87.	1.5	16

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73	Inter-generational social mobility following early life stress. <i>Annals of Medicine</i> , 2011, 43, 320-328.	3.8	16
74	Intellectual ability in young men separated temporarily from their parents in childhood. <i>Intelligence</i> , 2011, 39, 335-341.	3.0	15
75	Physical Activity and Psychiatric Problems in Children. <i>Journal of Pediatrics</i> , 2012, 161, 160-162.e1.	1.8	15
76	Continuity of father-rated temperament from infancy to middle childhood. , 2008, 31, 239-254.		14
77	Circadian preference towards morningness is associated with lower slow sleep spindle amplitude and intensity in adolescents. <i>Scientific Reports</i> , 2017, 7, 14619.	3.3	14
78	How internal and external cues for bedtime affect sleep and adaptive functioning in adolescents. <i>Sleep Medicine</i> , 2019, 59, 1-6.	1.6	13
79	Infant regulatory behavior problems during first month of life and neurobehavioral outcomes in early childhood. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 847-859.	4.7	13
80	Genetic variants for morningness in relation to habitual sleep-wake behavior and diurnal preference in a population-based sample of 17,243 adults. <i>Sleep Medicine</i> , 2021, 80, 322-332.	1.6	13
81	Sleep and physical activity – the dynamics of bi-directional influences over a fortnight. <i>BMC Public Health</i> , 2022, 22, .	2.9	13
82	Physical activity and hypothalamic–pituitary–adrenocortical axis function in adolescents. <i>Psychoneuroendocrinology</i> , 2014, 49, 96-105.	2.7	12
83	Heart Rate Variability and Firstbeat Method for Detecting Sleep Stages in Healthy Young Adults: Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24704.	3.7	12
84	Associations between the five-factor model of personality and leukocyte telomere length in elderly men and women: The Helsinki Birth Cohort Study (HBCS). <i>Journal of Psychosomatic Research</i> , 2015, 79, 233-238.	2.6	11
85	Autistic traits and sleep in typically developing adolescents. <i>Sleep Medicine</i> , 2019, 54, 164-171.	1.6	11
86	Higher sleep spindle activity is associated with fewer false memories in adolescent girls. <i>Neurobiology of Learning and Memory</i> , 2019, 157, 96-105.	1.9	11
87	The associations between spindle characteristics and cognitive ability in a large adolescent birth cohort. <i>Intelligence</i> , 2019, 72, 13-19.	3.0	11
88	Infant Growth after Preterm Birth and Mental Health in Young Adulthood. <i>PLoS ONE</i> , 2015, 10, e0137092.	2.5	10
89	Prediction of pre-eclampsia and its subtypes in high-risk cohort: hyperglycosylated human chorionic gonadotropin in multivariate models. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 279.	2.4	10
90	Schizotypal traits are associated with sleep spindles and rapid eye movement in adolescence. <i>Journal of Sleep Research</i> , 2019, 28, e12692.	3.2	10

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91	Is moderate depression associated with sleep stage architecture in adolescence? Testing the stage type associations using network and transition probability approaches. <i>Psychological Medicine</i> , 2021, 51, 426-434.	4.5	9
92	Is It Time We Stop Discouraging Evening Physical Activity? New Real-World Evidence From 150,000 Nights. <i>Frontiers in Public Health</i> , 2021, 9, 772376.	2.7	9
93	BDNF Val66Met polymorphism moderates the association between sleep spindles and overnight visual recognition. <i>Behavioural Brain Research</i> , 2019, 375, 112157.	2.2	8
94	Autistic Traits Are Associated With Decreased Activity of Fast Sleep Spindles During Adolescence. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 401-407.	2.6	8
95	Emotions relating to romantic loveâ€”further disruptors of adolescent sleep. <i>Sleep Health</i> , 2020, 6, 159-165.	2.5	8
96	Adolescent circadian patterns link with psychiatric problems: A multimodal approach. <i>Journal of Psychiatric Research</i> , 2022, 150, 219-226.	3.1	7
97	Brain responses to surprising sounds are related to temperament and parentâ€”child dyadic synchrony in young children. <i>Developmental Psychobiology</i> , 2010, 52, 513-523.	1.6	6
98	Neonatal regulatory behavior problems are predicted by maternal early pregnancy overweight and obesity: findings from the prospective PREDO Study. <i>Pediatric Research</i> , 2018, 84, 875-881.	2.3	6
99	Childhood cognitive ability and physical activity in young adulthood.. <i>Health Psychology</i> , 2017, 36, 587-597.	1.6	6
100	Parental reports of global physical health at ages 3 and 6 predict self-reported depressive symptoms 17 years later. <i>British Journal of Developmental Psychology</i> , 2004, 22, 459-469.	1.7	5
101	Premature birth and circadian preference in young adulthood: evidence from two birth cohorts. <i>Chronobiology International</i> , 2018, 35, 555-564.	2.0	5
102	Adults who were born preterm with a very low birth weight reported a similar healthâ€”related quality of life to their termâ€”born peers. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 354-357.	1.5	5
103	Longâ€”term cumulative light exposure from the natural environment and sleep: A cohort study. <i>Journal of Sleep Research</i> , 2022, 31, e13511.	3.2	5
104	The association between overnight recognition accuracy and slow oscillation-spindle coupling is moderated by BDNF Val66Met. <i>Behavioural Brain Research</i> , 2022, 428, 113889.	2.2	5
105	Flourishing Students: The Efficacy of an Extensive Positive Education Program on Adolescentsâ€™ <sup>TM</sup> Positive and Negative Affect. <i>International Journal of Applied Positive Psychology</i> , 2021, 6, 253-276.	2.3	4
106	The Overnight Retention of Novel Metaphors Associates With Slow Oscillationâ€”Spindle Coupling but Not With Respiratory Phase at Encoding. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 712774.	2.0	4
107	The association between sleep-wake ratio and overnight picture recognition is moderated by BDNF genotype. <i>Neurobiology of Learning and Memory</i> , 2021, 177, 107353.	1.9	4
108	Self-Conscious Affect Is Modulated by Rapid Eye Movement Sleep but Not by Targeted Memory Reactivationâ€”A Pilot Study. <i>Frontiers in Psychology</i> , 2021, 12, 730924.	2.1	4

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109	Prenatal and Childhood Growth, and Hospitalization for Alcohol Use Disorders in Adulthood: The Helsinki Birth Cohort Study. PLoS ONE, 2014, 9, e87404.	2.5	3
110	Dynamic fluctuations of emotional states in adolescents with delayed sleep phaseâ€”A longitudinal network modeling approach. Journal of Affective Disorders, 2020, 276, 467-475.	4.1	3
111	Data-driven modelling approach to circadian temperature rhythm profiles in free-living conditions. Scientific Reports, 2021, 11, 15029.	3.3	3
112	Assessment of time window for sleep onset on the basis of continuous wrist temperature measurement. Biological Rhythm Research, 2020, , 1-11.	0.9	2
113	Presleep physiological stress is associated with a higher cortical arousal in sleep and more consolidated REM sleep. Stress, 2021, 24, 667-675.	1.8	2
114	Cross-Sectional and Longitudinal Associations Between Quality of Parentâ€”Child Interaction and Language Ability in Preschool-Age Children With Developmental Language Disorder. Journal of Speech, Language, and Hearing Research, 2022, 65, 2258-2271.	1.6	2
115	O27. Hypertensive disorders in pregnancy and risk of severe mental disorders in the offspring in adulthood: The Helsinki Birth Cohort study. Pregnancy Hypertension, 2011, 1, 271.	1.4	1
116	RÃ¤ikkÃ¤nen et al. Respond to â€œMaternal Stress and Offspring Healthâ€”. American Journal of Epidemiology, 2017, 185, 333-334.	3.4	1
117	Food and nutrient intakes by temperament traits: findings in the Helsinki Birth Cohort Study. European Journal of Clinical Nutrition, 2018, 72, 1136-1141.	2.9	1
118	Polygenic impact of morningness on the overnight dynamics of sleep spindle amplitude. Genes, Brain and Behavior, 2020, 19, e12641.	2.2	1
119	Circadian Type Determines Working Ability: Poorer Working Ability in Evening-Types is Mediated by Insufficient Sleep in a Large Population-Based Sample of Working-Age Adults. Nature and Science of Sleep, 2022, Volume 14, 829-841.	2.7	1
120	The Impact of the Positive Education Program Flourishing Students on Early Adolescentsâ€™ Daily Positive and Negative Emotions Using the Experience Sampling Method. Journal of Early Adolescence, 2023, 43, 385-417.	1.9	1
121	Temporary Separation from Parents in Early Childhood and Serious Personality Disorders in Adult Life. Journal of Personality Disorders, 0, , 1-12.	1.4	0