

# Anu-Katriina Pesonen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120  
papers

3,370  
citations

36  
h-index

54  
g-index

123  
ext. papers

3,970  
ext. citations

3.9  
avg, IF

5.15  
L-index

#	Paper	IF	Citations
120	The association between overnight recognition accuracy and slow oscillation-spindle coupling is moderated by BDNF Val66Met.. <i>Behavioural Brain Research</i> , <b>2022</b> , 113889	3.4	0
119	Adolescent circadian patterns link with psychiatric problems: A multimodal approach.. <i>Journal of Psychiatric Research</i> , <b>2022</b> , 150, 219-226	5.2	1
118	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.. <i>Nature and Science of Sleep</i> , <b>2022</b> , 14, 829-841	3.6	
117	Cross-Sectional and Longitudinal Associations Between Quality of Parent-Child Interaction and Language Ability in Preschool-Age Children With Developmental Language Disorder.. <i>Journal of Speech, Language, and Hearing Research</i> , <b>2022</b> , 1-14	2.8	
116	Is It Time We Stop Discouraging Evening Physical Activity? New Real-World Evidence From 150,000 Nights. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 772376	6	1
115	Long-term cumulative light exposure from the natural environment and sleep: A cohort study. <i>Journal of Sleep Research</i> , <b>2021</b> , e13511	5.8	0
114	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> , <b>2021</b> , 80, 322-332	4.6	5
113	Data-driven modelling approach to circadian temperature rhythm profiles in free-living conditions. <i>Scientific Reports</i> , <b>2021</b> , 11, 15029	4.9	1
112	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> , <b>2021</b> , 51, 426-434	6.9	3
111	Presleep physiological stress is associated with a higher cortical arousal in sleep and more consolidated REM sleep. <i>Stress</i> , <b>2021</b> , 1-9	3	
110	Heart Rate Variability and Firstbeat Method for Detecting Sleep Stages in Healthy Young Adults: Feasibility Study. <i>JMIR MHealth and UHealth</i> , <b>2021</b> , 9, e24704	5.5	3
109	The Overnight Retention of Novel Metaphors Associates With Slow Oscillation-Spindle Coupling but Not With Respiratory Phase at Encoding. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 712774	3.5	1
108	The association between sleep-wake ratio and overnight picture recognition is moderated by BDNF genotype. <i>Neurobiology of Learning and Memory</i> , <b>2021</b> , 177, 107353	3.1	1
107	Self-Conscious Affect Is Modulated by Rapid Eye Movement Sleep but Not by Targeted Memory Reactivation-A Pilot Study.. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 730924	3.4	0
106	Flourishing Students: The Efficacy of an Extensive Positive Education Program on Adolescents' Positive and Negative Affect. <i>International Journal of Applied Positive Psychology</i> , <b>2020</b> , 6, 253	3	0
105	The Effects of Presleep Slow Breathing and Music Listening on Polysomnographic Sleep Measures - a pilot trial. <i>Scientific Reports</i> , <b>2020</b> , 10, 7427	4.9	7
104	Emotions relating to romantic love-further disruptors of adolescent sleep. <i>Sleep Health</i> , <b>2020</b> , 6, 159-165		3

103	Polygenic impact of morningness on the overnight dynamics of sleep spindle amplitude. <i>Genes, Brain and Behavior</i> , <b>2020</b> , 19, e12641	3.6	
102	Pandemic Dreams: Network Analysis of Dream Content During the COVID-19 Lockdown. <i>Frontiers in Psychology</i> , <b>2020</b> , 11, 573961	3.4	35
101	Eveningness associates with lower physical activity from pre- to late adolescence. <i>Sleep Medicine</i> , <b>2020</b> , 74, 189-198	4.6	5
100	Assessment of time window for sleep onset on the basis of continuous wrist temperature measurement. <i>Biological Rhythm Research</i> , <b>2020</b> , 1-11	0.8	1
99	Dynamic fluctuations of emotional states in adolescents with delayed sleep phase-A longitudinal network modeling approach. <i>Journal of Affective Disorders</i> , <b>2020</b> , 276, 467-475	6.6	1
98	Associations of antenatal glucocorticoid exposure with mental health in children. <i>Psychological Medicine</i> , <b>2020</b> , 50, 247-257	6.9	14
97	BDNF Val66Met polymorphism moderates the association between sleep spindles and overnight visual recognition. <i>Behavioural Brain Research</i> , <b>2019</b> , 375, 112157	3.4	5
96	The Impact of Early Life Stress on Anxiety Symptoms in Late Adulthood. <i>Scientific Reports</i> , <b>2019</b> , 9, 4395	4.9	25
95	Autistic Traits Are Associated With Decreased Activity of Fast Sleep Spindles During Adolescence. <i>Journal of Clinical Sleep Medicine</i> , <b>2019</b> , 15, 401-407	3.1	2
94	Genetic risk factors for schizophrenia associate with sleep spindle activity in healthy adolescents. <i>Journal of Sleep Research</i> , <b>2019</b> , 28, e12762	5.8	12
93	Autistic traits and sleep in typically developing adolescents. <i>Sleep Medicine</i> , <b>2019</b> , 54, 164-171	4.6	9
92	Higher sleep spindle activity is associated with fewer false memories in adolescent girls. <i>Neurobiology of Learning and Memory</i> , <b>2019</b> , 157, 96-105	3.1	7
91	How internal and external cues for bedtime affect sleep and adaptive functioning in adolescents. <i>Sleep Medicine</i> , <b>2019</b> , 59, 1-6	4.6	6
90	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> , <b>2019</b> , 56, 201-210	4.6	18
89	Infant regulatory behavior problems during first month of life and neurobehavioral outcomes in early childhood. <i>European Child and Adolescent Psychiatry</i> , <b>2019</b> , 28, 847-859	5.5	9
88	The associations between spindle characteristics and cognitive ability in a large adolescent birth cohort. <i>Intelligence</i> , <b>2019</b> , 72, 13-19	3	8
87	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> , <b>2019</b> , 245, 757-763	6.6	28
86	Systematic review of light exposure impact on human circadian rhythm. <i>Chronobiology International</i> , <b>2019</b> , 36, 151-170	3.6	110

85	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> , <b>2019</b> , 157, 106-113	3.1	10
84	Schizotypal traits are associated with sleep spindles and rapid eye movement in adolescence. <i>Journal of Sleep Research</i> , <b>2019</b> , 28, e12692	5.8	6
83	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> , <b>2018</b> , 42, 995-1007	5.5	23
82	Maternal depressive symptoms during and after pregnancy and child developmental milestones. <i>Depression and Anxiety</i> , <b>2018</b> , 35, 732-741	8.4	40
81	Premature birth and circadian preference in young adulthood: evidence from two birth cohorts. <i>Chronobiology International</i> , <b>2018</b> , 35, 555-564	3.6	3
80	Placental Morphology Is Associated with Maternal Depressive Symptoms during Pregnancy and Toddler Psychiatric Problems. <i>Scientific Reports</i> , <b>2018</b> , 8, 791	4.9	16
79	Maternal early pregnancy obesity and depressive symptoms during and after pregnancy. <i>Psychological Medicine</i> , <b>2018</b> , 48, 2353-2363	6.9	24
78	Naturally occurring circadian rhythm and sleep duration are related to executive functions in early adulthood. <i>Journal of Sleep Research</i> , <b>2018</b> , 27, 113-119	5.8	13
77	Prediction of pre-eclampsia and its subtypes in high-risk cohort: hyperglycosylated human chorionic gonadotropin in multivariate models. <i>BMC Pregnancy and Childbirth</i> , <b>2018</b> , 18, 279	3.2	6
76	Understanding developmental language disorder - the Helsinki longitudinal SLI study (HelSLI): a study protocol. <i>BMC Psychology</i> , <b>2018</b> , 6, 24	2.8	13
75	Circadian preference and sleep timing from childhood to adolescence in relation to genetic variants from a genome-wide association study. <i>Sleep Medicine</i> , <b>2018</b> , 50, 36-41	4.6	11
74	Food and nutrient intakes by temperament traits: findings in the Helsinki Birth Cohort Study. <i>European Journal of Clinical Nutrition</i> , <b>2018</b> , 72, 1136-1141	5.2	1
73	Development of Late Circadian Preference: Sleep Timing From Childhood to Late Adolescence. <i>Journal of Pediatrics</i> , <b>2018</b> , 194, 182-189.e1	3.6	28
72	Neurocognitive outcome in young adults born late-preterm. <i>Developmental Medicine and Child Neurology</i> , <b>2018</b> , 60, 267-274	3.3	15
71	Adults who were born preterm with a very low birth weight reported a similar health-related quality of life to their term-born peers. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2018</b> , 107, 354-357	3.1	3
70	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> , <b>2018</b> , 14, 585-591	3.1	34
69	Neonatal regulatory behavior problems are predicted by maternal early pregnancy overweight and obesity: findings from the prospective PREDO Study. <i>Pediatric Research</i> , <b>2018</b> , 84, 875-881	3.2	4
68	Eveningness as a risk for behavioral problems in late adolescence. <i>Chronobiology International</i> , <b>2017</b> , 34, 225-234	3.6	30

67	Maternal Licorice Consumption During Pregnancy and Pubertal, Cognitive, and Psychiatric Outcomes in Children. <i>American Journal of Epidemiology</i> , <b>2017</b> , 185, 317-328	3.8	33
66	Growth after late-preterm birth and adult cognitive, academic, and mental health outcomes. <i>Pediatric Research</i> , <b>2017</b> , 81, 767-774	3.2	15
65	Nutrition after preterm birth and adult neurocognitive outcomes. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185632	3.7	23
64	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> , <b>2017</b> , 12, e0190248	3.7	44
63	Rikk�en et al. Respond to "Maternal Stress and Offspring Health". <i>American Journal of Epidemiology</i> , <b>2017</b> , 185, 333-334	3.8	1
62	Circadian preference towards morningness is associated with lower slow sleep spindle amplitude and intensity in adolescents. <i>Scientific Reports</i> , <b>2017</b> , 7, 14619	4.9	10
61	Maternal Depressive Symptoms During and After Pregnancy and Psychiatric Problems in Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2017</b> , 56, 30-39.e7	7.2	74
60	Childhood cognitive ability and physical activity in young adulthood. <i>Health Psychology</i> , <b>2017</b> , 36, 587-597		2
59	Sleep and Lipid Profile During Transition from Childhood to Adolescence. <i>Journal of Pediatrics</i> , <b>2016</b> , 177, 173-178.e1	3.6	23
58	Poor sleep and neurocognitive function in early adolescence. <i>Sleep Medicine</i> , <b>2015</b> , 16, 1207-12	4.6	56
57	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> , <b>2015</b> , 79, 233-8	4.1	9
56	Infant Growth after Preterm Birth and Mental Health in Young Adulthood. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137093	3.7	9
55	Physical activity and hypothalamic-pituitary-adrenocortical axis function in adolescents. <i>Psychoneuroendocrinology</i> , <b>2014</b> , 49, 96-105	5	12
54	The associations between adolescent sleep, diurnal cortisol patterns and cortisol reactivity to dexamethasone suppression test. <i>Psychoneuroendocrinology</i> , <b>2014</b> , 49, 150-60	5	13
53	Associations between early life stress, self-reported traumatic experiences across the lifespan and leukocyte telomere length in elderly adults. <i>Biological Psychology</i> , <b>2014</b> , 97, 35-42	3.2	59
52	Continuity and change in poor sleep from childhood to early adolescence. <i>Sleep</i> , <b>2014</b> , 37, 289-97	1.1	55
51	Prenatal and childhood growth, and hospitalization for alcohol use disorders in adulthood: the Helsinki birth cohort study. <i>PLoS ONE</i> , <b>2014</b> , 9, e87404	3.7	2
50	Very low birth weight, infant growth, and autism-spectrum traits in adulthood. <i>Pediatrics</i> , <b>2014</b> , 134, 1075-83	7.4	35

49	Infant growth after preterm birth and neurocognitive abilities in young adulthood. <i>Journal of Pediatrics</i> , <b>2014</b> , 165, 1109-1115.e3	3.6	57
48	Maternal Grand Multiparity and the Risk of Severe Mental Disorders in Adult Offspring. <i>PLoS ONE</i> , <b>2014</b> , 9, e114679	3.7	16
47	Trajectories of physical growth and personality dimensions of the Five-Factor Model. <i>Journal of Personality and Social Psychology</i> , <b>2013</b> , 105, 154-69	6.5	16
46	Cognitive ability and decline after early life stress exposure. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 1674-9	5.6	43
45	Passive sound exposure induces rapid perceptual learning in musicians: event-related potential evidence. <i>Biological Psychology</i> , <b>2013</b> , 94, 341-53	3.2	14
44	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> , <b>2013</b> , 98, E619-27	5.6	50
43	Early life origins cognitive decline: findings in elderly men in the Helsinki Birth Cohort Study. <i>PLoS ONE</i> , <b>2013</b> , 8, e54707	3.7	36
42	Sex-specific associations between sleep problems and hypothalamic-pituitary-adrenocortical axis activity in children. <i>Psychoneuroendocrinology</i> , <b>2012</b> , 37, 238-48	5	36
41	Physical activity and psychiatric problems in children. <i>Journal of Pediatrics</i> , <b>2012</b> , 161, 160-2.e1	3.6	14
40	The lifespan consequences of early life stress. <i>Physiology and Behavior</i> , <b>2012</b> , 106, 722-7	3.5	28
39	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> , <b>2012</b> , 74, 600-12	2	26
38	History of mental disorders and leukocyte telomere length in late adulthood: the Helsinki Birth Cohort Study (HBCS). <i>Journal of Psychiatric Research</i> , <b>2012</b> , 46, 1346-53	5.2	31
37	Early determinants of mental health. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 26, 599-611	6.5	48
36	Music training enhances rapid neural plasticity of n1 and p2 source activation for unattended sounds. <i>Frontiers in Human Neuroscience</i> , <b>2012</b> , 6, 43	3.3	44
35	Hypertensive disorders in pregnancy and cognitive decline in the offspring up to old age. <i>Neurology</i> , <b>2012</b> , 79, 1578-82	6.5	39
34	O27. Hypertensive disorders in pregnancy and risk of severe mental disorders in the offspring in adulthood: The Helsinki Birth Cohort study. <i>Pregnancy Hypertension</i> , <b>2011</b> , 1, 271	2.6	
33	Intellectual ability in young men separated temporarily from their parents in childhood. <i>Intelligence</i> , <b>2011</b> , 39, 335-341	3	12
32	Temporal associations between daytime physical activity and sleep in children. <i>PLoS ONE</i> , <b>2011</b> , 6, e229587		82

31	Sleep quantity, quality and optimism in children. <i>Journal of Sleep Research</i> , <b>2011</b> , 20, 12-20	5.8	57
30	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> , <b>2011</b> , 45, 332-8	5.2	57
29	Inter-generational social mobility following early life stress. <i>Annals of Medicine</i> , <b>2011</b> , 43, 320-8	1.5	16
28	Poor sleep and cardiovascular function in children. <i>Hypertension</i> , <b>2011</b> , 58, 16-21	8.5	36
27	Poor sleep and altered hypothalamic-pituitary-adrenocortical and sympatho-adrenal-medullary system activity in children. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 2254-61	5.6	115
26	Sleep duration and regularity are associated with behavioral problems in 8-year-old children. <i>International Journal of Behavioral Medicine</i> , <b>2010</b> , 17, 298-305	2.6	80
25	Childhood separation experience predicts HPA axis hormonal responses in late adulthood: a natural experiment of World War II. <i>Psychoneuroendocrinology</i> , <b>2010</b> , 35, 758-67	5	115
24	Maternal prenatal licorice consumption alters hypothalamic-pituitary-adrenocortical axis function in children. <i>Psychoneuroendocrinology</i> , <b>2010</b> , 35, 1587-93	5	80
23	Brain responses to surprising sounds are related to temperament and parent-child dyadic synchrony in young children. <i>Developmental Psychobiology</i> , <b>2010</b> , 52, 513-23	3	5
22	Cardiovascular health of Finnish war evacuees 60 years later. <i>Annals of Medicine</i> , <b>2009</b> , 41, 66-72	1.5	83
21	Antenatal betamethasone and fetal growth in prematurely born children: implications for temperament traits at the age of 2 years. <i>Pediatrics</i> , <b>2009</b> , 123, e31-7	7.4	21
20	Maternal licorice consumption and detrimental cognitive and psychiatric outcomes in children. <i>American Journal of Epidemiology</i> , <b>2009</b> , 170, 1137-46	3.8	109
19	Growth trajectories and intellectual abilities in young adulthood: The Helsinki Birth Cohort study. <i>American Journal of Epidemiology</i> , <b>2009</b> , 170, 447-55	3.8	73
18	Short sleep duration and behavioral symptoms of attention-deficit/hyperactivity disorder in healthy 7- to 8-year-old children. <i>Pediatrics</i> , <b>2009</b> , 123, e857-64	7.4	123
17	Prenatal origins of poor sleep in children. <i>Sleep</i> , <b>2009</b> , 32, 1086-92	1.1	62
16	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> , <b>2008</b> , 49, 609-17	7.9	53
15	A Transactional Model of Temperamental Development: Evidence of a Relationship between Child Temperament and Maternal Stress over Five Years. <i>Social Development</i> , <b>2008</b> , 17, 326-340	2.4	49
14	Continuity of father-rated temperament from infancy to middle childhood. <i>Research in Social and Administrative Pharmacy</i> , <b>2008</b> , 31, 239-54	2.9	13

13	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> , <b>2008</b> , 122, e62-72	7.4	53
12	Depression in young adults with very low birth weight: the Helsinki study of very low-birth-weight adults. <i>Archives of General Psychiatry</i> , <b>2008</b> , 65, 290-6		124
11	Reproductive traits following a parent-child separation trauma during childhood: a natural experiment during World War II. <i>American Journal of Human Biology</i> , <b>2008</b> , 20, 345-51	2.7	74
10	Depressive symptoms in adults separated from their parents as children: a natural experiment during World War II. <i>American Journal of Epidemiology</i> , <b>2007</b> , 166, 1126-33	3.8	98
9	Continuity of temperament from infancy to middle childhood. <i>Research in Social and Administrative Pharmacy</i> , <b>2006</b> , 29, 494-508	2.9	81
8	Fetal programming of temperamental negative affectivity among children born healthy at term. <i>Developmental Psychobiology</i> , <b>2006</b> , 48, 633-43	3	36
7	Stressed parents: a dyadic perspective on perceived infant temperament. <i>Infant and Child Development</i> , <b>2006</b> , 15, 75-87	1.4	13
6	Do gestational age and weight for gestational age predict concordance in parental perceptions of infant temperament?. <i>Journal of Pediatric Psychology</i> , <b>2006</b> , 31, 331-6	3.2	18
5	Depressive vulnerability in parents and their 5-year-old child's temperament: a family system perspective. <i>Journal of Family Psychology</i> , <b>2006</b> , 20, 648-55	2.7	23
4	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> , <b>2004</b> , 22, 459-469	2	4
3	Difficult temperament in childhood and adulthood: continuity from maternal perceptions to self-ratings over 17 years. <i>Personality and Individual Differences</i> , <b>2003</b> , 34, 19-31	3.3	31
2	Temporary Separation from Parents in Early Childhood and Serious Personality Disorders in Adult Life. <i>Journal of Personality Disorders</i> , 1-12	2.6	
1	The Impact of the Positive Education Program Flourishing Students on Early Adolescents'Daily Positive and Negative Emotions Using the Experience Sampling Method. <i>Journal of Early Adolescence</i> , 027243162211055	1.9	0