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	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
2	Longâ€term cumulative light exposure from the natural environment and sleep: A cohort study. Journal of Sleep Research, 2022, 31, e13511.	3.2	5
3	The association between overnight recognition accuracy and slow oscillation-spindle coupling is moderated by BDNF Val66Met. Behavioural Brain Research, 2022, 428, 113889.	2.2	5
4	Adolescent circadian patterns link with psychiatric problems: A multimodal approach. Journal of Psychiatric Research, 2022, 150, 219-226.	3.1	7
5	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
6	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
7	Sleep and physical activity â€“ the dynamics of bi-directional influences over a fortnight. BMC Public Health, 2022, 22, .	2.9	13
8	Flourishing Students: The Efficacy of an Extensive Positive Education Program on Adolescentsâ€™ Positive and Negative Affect. International Journal of Applied Positive Psychology, 2021, 6, 253-276.	2.3	4
9	Is moderate depression associated with sleep stage architecture in adolescence? Testing the stage type associations using network and transition probability approaches. Psychological Medicine, 2021, 51, 426-434.	4.5	9
10	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
11	Heart Rate Variability and Firstbeat Method for Detecting Sleep Stages in Healthy Young Adults: Feasibility Study. JMIR MHealth and UHealth, 2021, 9, e24704.	3.7	12
12	Genetic variants for morningness in relation to habitual sleep-wake behavior and diurnal preference in a population-based sample of 17,243 adults. Sleep Medicine, 2021, 80, 322-332.	1.6	13
13	Data-driven modelling approach to circadian temperature rhythm profiles in free-living conditions. Scientific Reports, 2021, 11, 15029.	3.3	3
14	The Overnight Retention of Novel Metaphors Associates With Slow Oscillationâ€“Spindle Coupling but Not With Respiratory Phase at Encoding. Frontiers in Behavioral Neuroscience, 2021, 15, 712774.	2.0	4
15	The association between sleep-wake ratio and overnight picture recognition is moderated by BDNF genotype. Neurobiology of Learning and Memory, 2021, 177, 107353.	1.9	4
16	Is It Time We Stop Discouraging Evening Physical Activity? New Real-World Evidence From 150,000 Nights. Frontiers in Public Health, 2021, 9, 772376.	2.7	9
17	Self-Conscious Affect Is Modulated by Rapid Eye Movement Sleep but Not by Targeted Memory Reactivationâ€“A Pilot Study. Frontiers in Psychology, 2021, 12, 730924.	2.1	4
18	Associations of antenatal glucocorticoid exposure with mental health in children. Psychological Medicine, 2020, 50, 247-257.	4.5	28

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19	Pandemic Dreams: Network Analysis of Dream Content During the COVID-19 Lockdown. Frontiers in Psychology, 2020, 11, 573961.	2.1	65
20	Eveningness associates with lower physical activity from pre- to late adolescence. Sleep Medicine, 2020, 74, 189-198.	1.6	17
21	Assessment of time window for sleep onset on the basis of continuous wrist temperature measurement. Biological Rhythm Research, 2020, , 1-11.	0.9	2
22	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
23	The Effects of Presleep Slow Breathing and Music Listening on Polysomnographic Sleep Measures â€“ a pilot trial. Scientific Reports, 2020, 10, 7427.	3.3	18
24	Emotions relating to romantic loveâ€"further disruptors of adolescent sleep. Sleep Health, 2020, 6, 159-165.	2.5	8
25	Polygenic impact of morningness on the overnight dynamics of sleep spindle amplitude. Genes, Brain and Behavior, 2020, 19, e12641.	2.2	1
26	BDNF Val66Met polymorphism moderates the association between sleep spindles and overnight visual recognition. Behavioural Brain Research, 2019, 375, 112157.	2.2	8
27	The Impact of Early Life Stress on Anxiety Symptoms in Late Adulthood. Scientific Reports, 2019, 9, 4395.	3.3	53
28	Autistic Traits Are Associated With Decreased Activity of Fast Sleep Spindles During Adolescence. Journal of Clinical Sleep Medicine, 2019, 15, 401-407.	2.6	8
29	Genetic risk factors for schizophrenia associate with sleep spindle activity in healthy adolescents. Journal of Sleep Research, 2019, 28, e12762.	3.2	19
30	Autistic traits and sleep in typically developing adolescents. Sleep Medicine, 2019, 54, 164-171.	1.6	11
31	Higher sleep spindle activity is associated with fewer false memories in adolescent girls. Neurobiology of Learning and Memory, 2019, 157, 96-105.	1.9	11
32	How internal and external cues for bedtime affect sleep and adaptive functioning in adolescents. Sleep Medicine, 2019, 59, 1-6.	1.6	13
33	Maternal depressive symptoms during and after pregnancy are associated with poorer sleep quantity and quality and sleep disorders in 3.5-year-old offspring. Sleep Medicine, 2019, 56, 201-210.	1.6	32
34	Infant regulatory behavior problems during first month of life and neurobehavioral outcomes in early childhood. European Child and Adolescent Psychiatry, 2019, 28, 847-859.	4.7	13
35	The associations between spindle characteristics and cognitive ability in a large adolescent birth cohort. Intelligence, 2019, 72, 13-19.	3.0	11
36	REM sleep fragmentation associated with depressive symptoms and genetic risk for depression in a community-based sample of adolescents. Journal of Affective Disorders, 2019, 245, 757-763.	4.1	45

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37	Systematic review of light exposure impact on human circadian rhythm. Chronobiology International, 2019, 36, 151-170.	2.0	253
38	ADHD symptoms are associated with decreased activity of fast sleep spindles and poorer procedural overnight learning during adolescence. Neurobiology of Learning and Memory, 2019, 157, 106-113.	1.9	23
39	Schizotypal traits are associated with sleep spindles and rapid eye movement in adolescence. Journal of Sleep Research, 2019, 28, e12692.	3.2	10
40	Maternal early pregnancy obesity and related pregnancy and pre-pregnancy disorders: associations with child developmental milestones in the prospective PREDO Study. International Journal of Obesity, 2018, 42, 995-1007.	3.4	39
41	Maternal depressive symptoms during and after pregnancy and child developmental milestones. Depression and Anxiety, 2018, 35, 732-741.	4.1	69
42	Premature birth and circadian preference in young adulthood: evidence from two birth cohorts. Chronobiology International, 2018, 35, 555-564.	2.0	5
43	Placental Morphology Is Associated with Maternal Depressive Symptoms during Pregnancy and Toddler Psychiatric Problems. Scientific Reports, 2018, 8, 791.	3.3	20
44	Maternal early pregnancy obesity and depressive symptoms during and after pregnancy. Psychological Medicine, 2018, 48, 2353-2363.	4.5	31
45	Naturally occurring circadian rhythm and sleep duration are related to executive functions in early adulthood. Journal of Sleep Research, 2018, 27, 113-119.	3.2	26
46	Development of Late Circadian Preference: Sleep Timing From Childhood to Late Adolescence. Journal of Pediatrics, 2018, 194, 182-189.e1.	1.8	41
47	Neurocognitive outcome in young adults born lateâ€preterm. Developmental Medicine and Child Neurology, 2018, 60, 267-274.	2.1	18
48	Adults who were born preterm with a very low birth weight reported a similar healthâ€related quality of life to their termâ€born peers. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 354-357.	1.5	5
49	The Validity of a New Consumer-Targeted Wrist Device in Sleep Measurement: An Overnight Comparison Against Polysomnography in Children and Adolescents. Journal of Clinical Sleep Medicine, 2018, 14, 585-591.	2.6	50
50	Neonatal regulatory behavior problems are predicted by maternal early pregnancy overweight and obesity: findings from the prospective PREDO Study. Pediatric Research, 2018, 84, 875-881.	2.3	6
51	Prediction of pre-eclampsia and its subtypes in high-risk cohort: hyperglycosylated human chorionic gonadotropin in multivariate models. BMC Pregnancy and Childbirth, 2018, 18, 279.	2.4	10
52	Understanding developmental language disorder - the Helsinki longitudinal SLI study (HelSLI): a study protocol. BMC Psychology, 2018, 6, 24.	2.1	26
53	Circadian preference and sleep timing from childhood to adolescence in relation to genetic variants from a genome-wide association study. Sleep Medicine, 2018, 50, 36-41.	1.6	18
54	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

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55	Eveningness as a risk for behavioral problems in late adolescence. Chronobiology International, 2017, 34, 225-234.	2.0	45
56	Maternal Licorice Consumption During Pregnancy and Pubertal, Cognitive, and Psychiatric Outcomes in Children. American Journal of Epidemiology, 2017, 185, 317-328.	3.4	44
57	Growth after late-preterm birth and adult cognitive, academic, and mental health outcomes. Pediatric Research, 2017, 81, 767-774.	2.3	25
58	Circadian preference towards morningness is associated with lower slow sleep spindle amplitude and intensity in adolescents. Scientific Reports, 2017, 7, 14619.	3.3	14
59	Maternal Depressive Symptoms During and After Pregnancy and Psychiatric Problems in Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 30-39.e7.	0.5	106
60	Nutrition after preterm birth and adult neurocognitive outcomes. PLoS ONE, 2017, 12, e0185632.	2.5	29
61	Maternal depressive symptoms during and after pregnancy are associated with attention-deficit/hyperactivity disorder symptoms in their 3- to 6-year-old children. PLoS ONE, 2017, 12, e0190248.	2.5	63
62	RÃikkÃ¶nen et al. Respond to â€œMaternal Stress and Offspring Healthâ€• American Journal of Epidemiology, 2017, 185, 333-334.	3.4	1
63	Childhood cognitive ability and physical activity in young adulthood.. Health Psychology, 2017, 36, 587-597.	1.6	6
64	Sleep and Lipid Profile During Transition from Childhood to Adolescence. Journal of Pediatrics, 2016, 177, 173-178.e1.	1.8	28
65	Infant Growth after Preterm Birth and Mental Health in Young Adulthood. PLoS ONE, 2015, 10, e0137092.	2.5	10
66	Poor sleep and neurocognitive function in early adolescence. Sleep Medicine, 2015, 16, 1207-1212.	1.6	75
67	Associations between the five-factor model of personality and leukocyte telomere length in elderly men and women: The Helsinki Birth Cohort Study (HBCS). Journal of Psychosomatic Research, 2015, 79, 233-238.	2.6	11
68	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
69	Very Low Birth Weight, Infant Growth, and Autism-Spectrum Traits in Adulthood. Pediatrics, 2014, 134, 1075-1083.	2.1	45
70	Infant Growth after Preterm Birth and Neurocognitive Abilities in Young Adulthood. Journal of Pediatrics, 2014, 165, 1109-1115.e3.	1.8	77
71	Physical activity and hypothalamicâ€“pituitaryâ€“adrenocortical axis function in adolescents. Psychoneuroendocrinology, 2014, 49, 96-105.	2.7	12
72	The associations between adolescent sleep, diurnal cortisol patterns and cortisol reactivity to dexamethasone suppression test. Psychoneuroendocrinology, 2014, 49, 150-160.	2.7	17

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73	Associations between early life stress, self-reported traumatic experiences across the lifespan and leukocyte telomere length in elderly adults. Biological Psychology, 2014, 97, 35-42.	2.2	63
74	Continuity and Change in Poor Sleep from Childhood to Early Adolescence. Sleep, 2014, 37, 289-297.	1.1	64
75	Maternal Grand Multiparity and the Risk of Severe Mental Disorders in Adult Offspring. PLoS ONE, 2014, 9, e114679.	2.5	21
76	Trajectories of physical growth and personality dimensions of the Five-Factor Model.. Journal of Personality and Social Psychology, 2013, 105, 154-169.	2.8	18
77	Cognitive ability and decline after early life stress exposure. Neurobiology of Aging, 2013, 34, 1674-1679.	3.1	54
78	Passive sound exposure induces rapid perceptual learning in musicians: Event-related potential evidence. Biological Psychology, 2013, 94, 341-353.	2.2	20
79	Higher Levels of Physical Activity Are Associated With Lower Hypothalamic-Pituitary-Adrenocortical Axis Reactivity to Psychosocial Stress in Children. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E619-E627.	3.6	64
80	Early Life Origins Cognitive Decline: Findings in Elderly Men in the Helsinki Birth Cohort Study. PLoS ONE, 2013, 8, e54707.	2.5	43
81	Hypertensive disorders in pregnancy and cognitive decline in the offspring up to old age. Neurology, 2012, 79, 1578-1582.	1.1	48
82	History of mental disorders and leukocyte telomere length in late adulthood: The Helsinki Birth Cohort Study (HBCS). Journal of Psychiatric Research, 2012, 46, 1346-1353.	3.1	35
83	Early determinants of mental health. Best Practice and Research in Clinical Endocrinology and Metabolism, 2012, 26, 599-611.	4.7	57
84	Music Training Enhances Rapid Neural Plasticity of N1 and P2 Source Activation for Unattended Sounds. Frontiers in Human Neuroscience, 2012, 6, 43.	2.0	65
85	Sex-specific associations between sleep problems and hypothalamicâ€“pituitaryâ€“adrenocortical axis activity in children. Psychoneuroendocrinology, 2012, 37, 238-248.	2.7	37
86	Physical Activity and Psychiatric Problems in Children. Journal of Pediatrics, 2012, 161, 160-162.e1.	1.8	15
87	The lifespan consequences of early life stress. Physiology and Behavior, 2012, 106, 722-727.	2.1	36
88	Music training enhances the rapid plasticity of P3a/P3b event-related brain potentials for unattended and attended target sounds. Attention, Perception, and Psychophysics, 2012, 74, 600-612.	1.3	33
89	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
90	Intellectual ability in young men separated temporarily from their parents in childhood. Intelligence, 2011, 39, 335-341.	3.0	15

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91	Temporal Associations between Daytime Physical Activity and Sleep in Children. PLoS ONE, 2011, 6, e22958.	2.5	95
92	Sleep quantity, quality and optimism in children. Journal of Sleep Research, 2011, 20, 12-20.	3.2	83
93	Risk of severe mental disorders in adults separated temporarily from their parents in childhood: The Helsinki birth cohort study. Journal of Psychiatric Research, 2011, 45, 332-338.	3.1	66
94	Inter-generational social mobility following early life stress. Annals of Medicine, 2011, 43, 320-328.	3.8	16
95	Poor Sleep and Cardiovascular Function in Children. Hypertension, 2011, 58, 16-21.	2.7	38
96	Sleep Duration and Regularity are Associated with Behavioral Problems in 8-year-old Children. International Journal of Behavioral Medicine, 2010, 17, 298-305.	1.7	97
97	Childhood separation experience predicts HPA axis hormonal responses in late adulthood: A natural experiment of World War II. Psychoneuroendocrinology, 2010, 35, 758-767.	2.7	133
98	Maternal prenatal licorice consumption alters hypothalamicâ€“pituitaryâ€“adrenocortical axis function in children. Psychoneuroendocrinology, 2010, 35, 1587-1593.	2.7	92
99	Brain responses to surprising sounds are related to temperament and parentâ€“child dyadic synchrony in young children. Developmental Psychobiology, 2010, 52, 513-523.	1.6	6
100	Poor Sleep and Altered Hypothalamic-Pituitary-Adrenocortical and Sympatho-Adrenal-Medullary System Activity in Children. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2254-2261.	3.6	133
101	Prenatal Origins of Poor Sleep in Children. Sleep, 2009, 32, 1086-1092.	1.1	79
102	Cardiovascular health of Finnish war evacuees 60 years later. Annals of Medicine, 2009, 41, 66-72.	3.8	96
103	Antenatal Betamethasone and Fetal Growth in Prematurely Born Children: Implications for Temperament Traits at the Age of 2 Years. Pediatrics, 2009, 123, e31-e37.	2.1	27
104	Maternal Licorice Consumption and Detrimental Cognitive and Psychiatric Outcomes in Children. American Journal of Epidemiology, 2009, 170, 1137-1146.	3.4	116
105	Growth Trajectories and Intellectual Abilities in Young Adulthood: The Helsinki Birth Cohort Study. American Journal of Epidemiology, 2009, 170, 447-455.	3.4	77
106	Short Sleep Duration and Behavioral Symptoms of Attention-Deficit/Hyperactivity Disorder in Healthy 7- to 8-Year-Old Children. Pediatrics, 2009, 123, e857-e864.	2.1	151
107	Reproductive traits following a parentâ€“child separation trauma during childhood: A natural experiment during World War II. American Journal of Human Biology, 2008, 20, 345-351.	1.6	85
108	Personality of young adults born prematurely: the Helsinki study of very low birth weight adults. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 609-617.	5.2	65

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109	A Transactional Model of Temperamental Development: Evidence of a Relationship between Child Temperament and Maternal Stress over Five Years. Social Development, 2008, 17, 326-340.	1.3	60
110	Continuity of father-rated temperament from infancy to middle childhood. , 2008, 31, 239-254.		14
111	Young Adults With Very Low Birth Weight: Leaving the Parental Home and Sexual Relationshipsâ€"Helsinki Study of Very Low Birth Weight Adults. Pediatrics, 2008, 122, e62-e72.	2.1	63
112	Depression in Young Adults With Very Low Birth Weight. Archives of General Psychiatry, 2008, 65, 290.	12.3	137
113	Depressive Symptoms in Adults Separated from Their Parents as Children: A Natural Experiment during World War II. American Journal of Epidemiology, 2007, 166, 1126-1133.	3.4	111
114	Depressive vulnerability in parents and their 5-year-old child's temperament: A family system perspective.. Journal of Family Psychology, 2006, 20, 648-655.	1.3	26
115	Continuity of temperament from infancy to middle childhood. , 2006, 29, 494-508.		95
116	Fetal programming of temperamental negative affectivity among children born healthy at term. Developmental Psychobiology, 2006, 48, 633-643.	1.6	40
117	Stressed parents: a dyadic perspective on perceived infant temperament. Infant and Child Development, 2006, 15, 75-87.	1.5	16
118	Do Gestational Age and Weight for Gestational Age Predict Concordance in Parental Perceptions of Infant Temperament?. Journal of Pediatric Psychology, 2006, 31, 331-336.	2.1	21
119	Parental reports of global physical health at ages 3 and 6 predict self-reported depressive symptoms 17 years later. British Journal of Developmental Psychology, 2004, 22, 459-469.	1.7	5
120	Difficult temperament in childhood and adulthood: continuity from maternal perceptions to self-ratings over 17 years. Personality and Individual Differences, 2003, 34, 19-31.	2.9	35
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