

# Peter Bartmann

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,409  
citations

394286

19  
h-index

360920

35  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preterm Cognitive Function Into Adulthood. <i>Pediatrics</i> , 2015, 136, 415-423.	1.0	160
2	Neurocognitive performance of very preterm or very low birth weight adults at 26 years. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 857-864.	3.1	118
3	Self-Reported Mental Health Problems Among Adults Born Preterm: A Meta-analysis. <i>Pediatrics</i> , 2017, 139, .	1.0	104
4	Attention problems in very preterm children from childhood to adulthood: the Bavarian Longitudinal Study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 132-140.	3.1	78
5	Personality of adults who were born very preterm. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F524-F529.	1.4	66
6	Correspondence Between Aberrant Intrinsic Network Connectivity and Gray-Matter Volume in the Ventral Brain of Preterm Born Adults. <i>Cerebral Cortex</i> , 2015, 25, 4135-4145.	1.6	59
7	Health-Related Quality of Life Into Adulthood After Very Preterm Birth. <i>Pediatrics</i> , 2016, 137, .	1.0	59
8	Association of Very Preterm Birth or Very Low Birth Weight With Intelligence in Adulthood. <i>JAMA Pediatrics</i> , 2021, 175, e211058.	3.3	58
9	Neonatal predictors of cognitive ability in adults born very preterm: a prospective cohort study. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 477-483.	1.1	52
10	Mood and anxiety disorders in very preterm/very low birth weight individuals from 6 to 26 years. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 88-95.	3.1	47
11	Long-term outcomes for monozygotic twins after laser therapy in twin-to-twin transfusion syndrome. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 525-535.	2.7	40
12	Early Crying, Sleeping, and Feeding Problems and Trajectories of Attention Problems From Childhood to Adulthood. <i>Child Development</i> , 2020, 91, e77-e91.	1.7	40
13	Aberrant gyrification contributes to the link between gestational age and adult IQ after premature birth. <i>Brain</i> , 2019, 142, 1255-1269.	3.7	31
14	Head Growth and Intelligence from Birth to Adulthood in Very Preterm and Term Born Individuals. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 48-56.	1.2	31
15	Reduced Cholinergic Basal Forebrain Integrity Links Neonatal Complications and Adult Cognitive Deficits After Premature Birth. <i>Biological Psychiatry</i> , 2017, 82, 119-126.	0.7	30
16	Impaired visual short-term memory capacity is distinctively associated with structural connectivity of the posterior thalamic radiation and the splenium of the corpus callosum in preterm-born adults. <i>NeuroImage</i> , 2017, 150, 68-76.	2.1	28
17	White matter alterations of the corticospinal tract in adults born very preterm and/or with very low birth weight. <i>Human Brain Mapping</i> , 2016, 37, 289-299.	1.9	23
18	Very Preterm Birth and Parents' Quality of Life 27 Years Later. <i>Pediatrics</i> , 2017, 140, .	1.0	23

#	ARTICLE	IF	CITATIONS
19	An analysis of MRI derived cortical complexity in premature-born adults: Regional patterns, risk factors, and potential significance. <i>NeuroImage</i> , 2020, 208, 116438.	2.1	22
20	Neural correlates of executive attention in adults born very preterm. <i>NeuroImage: Clinical</i> , 2015, 9, 581-591.	1.4	21
21	Visual attention in preterm born adults: Specifically impaired attentional sub-mechanisms that link with altered intrinsic brain networks in a compensation-like mode. <i>NeuroImage</i> , 2015, 107, 95-106.	2.1	21
22	A machine learning investigation of volumetric and functional MRI abnormalities in adults born preterm. <i>Human Brain Mapping</i> , 2019, 40, 4239-4252.	1.9	18
23	Birthweight Differences in Monozygotic Twins Influence Pubertal Maturation and Near Final Height. <i>Journal of Pediatrics</i> , 2016, 170, 288-294.e2.	0.9	17
24	Infant regulatory problems, parenting quality and childhood attention problems. <i>Early Human Development</i> , 2018, 124, 11-16.	0.8	17
25	Testing the neurodevelopmental, trauma and developmental risk factor models of psychosis using a naturalistic experiment. <i>Psychological Medicine</i> , 2021, 51, 460-469.	2.7	17
26	Hippocampal subfield volumes are nonspecifically reduced in premature-born adults. <i>Human Brain Mapping</i> , 2020, 41, 5215-5227.	1.9	16
27	Decreased cortical thickness mediates the relationship between premature birth and cognitive performance in adulthood. <i>Human Brain Mapping</i> , 2020, 41, 4952-4963.	1.9	16
28	Decreased amygdala volume in adults after premature birth. <i>Scientific Reports</i> , 2021, 11, 5403.	1.6	16
29	Neurodevelopmental pathways to preterm children's specific and general mathematic abilities. <i>Early Human Development</i> , 2014, 90, 639-644.	0.8	15
30	Increased Brain Age Gap Estimate (BrainAGE) in Young Adults After Premature Birth. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 653365.	1.7	15
31	Reduced apparent fiber density in the white matter of premature-born adults. <i>Scientific Reports</i> , 2020, 10, 17214.	1.6	12
32	Sequelae of Premature Birth in Young Adults. <i>Clinical Neuroradiology</i> , 2021, 31, 325-333.	1.0	12
33	Peer Relationship Trajectories in Very Preterm and Term Individuals from Childhood to Early Adulthood. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2021, 42, 621-630.	0.6	11
34	The association of infant crying, feeding, and sleeping problems and inhibitory control with attention regulation at school age. <i>Infancy</i> , 2019, 24, 768-786.	0.9	10
35	Impaired structural connectivity between dorsal attention network and pulvinar mediates the impact of premature birth on adult visual-spatial abilities. <i>Human Brain Mapping</i> , 2019, 40, 4058-4071.	1.9	10
36	Aberrant cortico-thalamic structural connectivity in premature-born adults. <i>Cortex</i> , 2021, 141, 347-362.	1.1	10

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37	Neonatal treatment philosophy in Dutch and German NICUs: health-related quality of life in adulthood of VP/VLBW infants. <i>Quality of Life Research</i> , 2017, 26, 935-943.	1.5	9
38	Decreased BOLD fluctuations in lateral temporal cortices of premature born adults. <i>Human Brain Mapping</i> , 2018, 39, 4903-4912.	1.9	9
39	General cognitive but not mathematic abilities predict very preterm and healthy term born adults' wealth. <i>PLoS ONE</i> , 2019, 14, e0212789.	1.1	9
40	Differential susceptibility effects of maternal sensitivity in childhood on small for gestational age adults' wealth. <i>Development and Psychopathology</i> , 2020, 32, 197-203.	1.4	9
41	Mathematical performance in childhood and early adult outcomes after very preterm birth: an individual participant data meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 421-428.	1.1	7
42	Thyroid Function in Monozygotic Twins with Intra-twin Birth Weight Differences: A Prospective Longitudinal Cohort Study. <i>Journal of Pediatrics</i> , 2019, 211, 164-171.e4.	0.9	6
43	The Role of Executive and General Cognitive Functioning in the Attention Problems of Very and Extremely Preterm Adults. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2020, 41, 461-469.	0.6	6
44	Within amygdala: Basolateral parts are selectively impaired in premature-born adults. <i>NeuroImage: Clinical</i> , 2021, 31, 102780.	1.4	6
45	Early Motor Trajectories Predict Motor but not Cognitive Function in Preterm- and Term-Born Adults without Pre-existing Neurological Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3258.	1.2	5
46	Influence of Prenatal Environment on Androgen Steroid Metabolism In Monozygotic Twins With Birthweight Differences. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3672-e3687.	1.8	4
47	Aberrant Claustrum Microstructure in Humans after Premature Birth. <i>Cerebral Cortex</i> , 2021, 31, 5549-5559.	1.6	4
48	Grey and White Matter Volume Changes after Preterm Birth: A Meta-Analytic Approach. <i>Journal of Personalized Medicine</i> , 2021, 11, 868.	1.1	4
49	Automated quantitative evaluation of brain MRI may be more accurate for discriminating preterm born adults. <i>European Radiology</i> , 2019, 29, 3533-3542.	2.3	2
50	Preterm children's long-term academic performance after adaptive computerized training: an efficacy and process analysis of a randomized controlled trial. <i>Pediatric Research</i> , 2021, 89, 1492-1499.	1.1	2
51	Very preterm birth and trajectories of domain-specific self-concept from childhood into adulthood. <i>Development and Psychopathology</i> , 2022, 34, 1926-1937.	1.4	2
52	Altered Gray Matter Cortical and Subcortical T1-Weighted/T2-Weighted Ratio in Premature-Born Adults. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 495-504.	1.1	2
53	IGF in cord blood is predictive of final height in monozygotic twins with intra-twin birth weight differences. <i>Clinical Endocrinology</i> , 2020, 93, 322-328.	1.2	0
54	Birthweight Differences in Adolescent Monozygotic Twins Influence Androgens, Psychological Morbidity, and Health-Related Quality of Life. <i>Hormone Research in Paediatrics</i> , 2020, 93, 1-9.	0.8	0