

Bea R H Van Den Bergh

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

7,254
citations

87888

38
h-index

74163

75
g-index

86
all docs

86
docs citations

86
times ranked

7872
citing authors

#	ARTICLE	IF	CITATIONS
1	Antenatal maternal anxiety and stress and the neurobehavioural development of the fetus and child: links and possible mechanisms. A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 237-258.	6.1	930
2	Prenatal developmental origins of behavior and mental health: The influence of maternal stress in pregnancy. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 26-64.	6.1	681
3	Prenatal maternal stress: effects on pregnancy and the (unborn) child. <i>Early Human Development</i> , 2002, 70, 3-14.	1.8	624
4	High Antenatal Maternal Anxiety Is Related to ADHD Symptoms, Externalizing Problems, and Anxiety in 8- and 9-Year-Olds. <i>Child Development</i> , 2004, 75, 1085-1097.	3.0	543
5	Antenatal Maternal Anxiety is Related to HPA-Axis Dysregulation and Self-Reported Depressive Symptoms in Adolescence: A Prospective Study on the Fetal Origins of Depressed Mood. <i>Neuropsychopharmacology</i> , 2008, 33, 536-545.	5.4	387
6	Investigating the influence of maternal cortisol and emotional state during pregnancy on the DNA methylation status of the glucocorticoid receptor gene (NR3C1) promoter region in cord blood. <i>Journal of Psychiatric Research</i> , 2013, 47, 880-891.	3.1	233
7	High antenatal maternal anxiety is related to impulsivity during performance on cognitive tasks in 14- and 15-year-olds. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 259-269.	6.1	225
8	Age-related microstructural differences quantified using myelin water imaging and advanced diffusion MRI. <i>Neurobiology of Aging</i> , 2015, 36, 2107-2121.	3.1	183
9	Psychosocial stress during pregnancy is related to adverse birth outcomes: results from a large multi-ethnic community-based birth cohort. <i>European Journal of Public Health</i> , 2013, 23, 485-491.	0.3	165
10	Effects of lifestyle intervention in obese pregnant women on gestational weight gain and mental health: a randomized controlled trial. <i>International Journal of Obesity</i> , 2013, 37, 814-821.	3.4	149
11	Developmental programming of early brain and behaviour development and mental health: a conceptual framework. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 19-23.	2.1	148
12	Temperament dimensions in stuttering and typically developing children. <i>Journal of Fluency Disorders</i> , 2010, 35, 355-372.	1.7	144
13	Interpregnancy Weight Change and Risk for Adverse Perinatal Outcome. <i>Obstetrics and Gynecology</i> , 2013, 122, 999-1009.	2.4	126
14	Long-term cognitive sequelae of antenatal maternal anxiety: involvement of the orbitofrontal cortex. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 1078-1086.	6.1	124
15	A review of scales to measure the mother-foetus relationship. <i>Journal of Reproductive and Infant Psychology</i> , 2009, 27, 114-126.	1.8	123
16	ADHD Deficit as Measured in Adolescent Boys with a Continuous Performance Task Is Related to Antenatal Maternal Anxiety. <i>Pediatric Research</i> , 2006, 59, 78-82.	2.3	117
17	Prenatal stress and the developing brain: Risks for neurodevelopmental disorders. <i>Development and Psychopathology</i> , 2018, 30, 743-762.	2.3	110
18	Antenatal maternal anxiety is associated with problem behaviour at age five. <i>Early Human Development</i> , 2011, 87, 565-570.	1.8	108

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19	Inhibitory control in childhood stuttering. <i>Journal of Fluency Disorders</i> , 2013, 38, 1-13.	1.7	106
20	Characterizing the microstructural basis of "unidentified bright objects" in neurofibromatosis type 1: A combined in vivo multicomponent T2 relaxation and multi-shell diffusion MRI analysis. <i>NeuroImage: Clinical</i> , 2014, 4, 649-658.	2.7	92
21	The Influence of Perceived Parental Guidance Patterns on Children's Media Use: Gender Differences and Media Displacement. <i>Journal of Broadcasting and Electronic Media</i> , 2000, 44, 329-348.	1.5	87
22	Removal of BCG artifacts from EEG recordings inside the MR scanner: A comparison of methodological and validation-related aspects. <i>NeuroImage</i> , 2010, 50, 920-934.	4.2	85
23	The Efficiency of Attentional Networks in Children Who Stutter. <i>Journal of Speech, Language, and Hearing Research</i> , 2012, 55, 946-959.	1.6	80
24	Self-reported symptoms of depressed mood, trait anxiety and aggressive behavior in post-pubertal adolescents: Associations with diurnal cortisol profiles. <i>Hormones and Behavior</i> , 2008, 54, 253-257.	2.1	79
25	Maternal mindfulness during pregnancy and infant socio-emotional development and temperament: The mediating role of maternal anxiety. <i>Early Human Development</i> , 2015, 91, 103-108.	1.8	74
26	Separating acoustic deviance from novelty during the first year of life: a review of event-related potential evidence. <i>Frontiers in Psychology</i> , 2013, 4, 595.	2.1	72
27	Stress, glucocorticoids and liquorice in human pregnancy: Programmers of the offspring brain. <i>Stress</i> , 2011, 14, 590-603.	1.8	69
28	Developmental brain alterations in 17 year old boys are related to antenatal maternal anxiety. <i>Clinical Neurophysiology</i> , 2009, 120, 1116-1122.	1.5	64
29	The effect of (induced) maternal emotions on fetal behaviour: a controlled study. <i>Early Human Development</i> , 1989, 19, 9-19.	1.8	63
30	Diurnal cortisol profiles and evening cortisol in post-pubertal adolescents scoring high on the Children's Depression Inventory. <i>Psychoneuroendocrinology</i> , 2009, 34, 791-794.	2.7	58
31	The BOLD correlates of the visual P1 and N1 in single-trial analysis of simultaneous EEG-fMRI recordings during a spatial detection task. <i>NeuroImage</i> , 2011, 54, 824-835.	4.2	57
32	Caffeine Intake During Pregnancy and Risk of Problem Behavior in 5- to 6-Year-Old Children. <i>Pediatrics</i> , 2012, 130, e305-e313.	2.1	57
33	The influence of maternal cortisol and emotional state during pregnancy on fetal intrauterine growth. <i>Pediatric Research</i> , 2012, 72, 305-315.	2.3	50
34	Potential benefits of mindfulness during pregnancy on maternal autonomic nervous system function and infant development. <i>Psychophysiology</i> , 2017, 54, 279-288.	2.4	46
35	ERP correlates of complex human decision making in a gambling paradigm: Detection and resolution of conflict. <i>Psychophysiology</i> , 2008, 45, 714-720.	2.4	45
36	Maternal mindfulness and anxiety during pregnancy affect infants' neural responses to sounds. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 453-460.	3.0	44

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37	The "why" and "how" of JointICA: Results from a visual detection task. <i>NeuroImage</i> , 2012, 60, 1171-1185.	4.2	42
38	Socio-demographic and obstetrical correlates of pre-pregnancy body mass index and gestational weight gain. <i>Clinical Obesity</i> , 2012, 2, 150-159.	2.0	41
39	High levels of antenatal maternal anxiety are associated with altered cognitive control in five-year-old children. <i>Developmental Psychobiology</i> , 2012, 54, 441-450.	1.6	40
40	Factorial Temperament Structure in Stuttering, Voice-Disordered, and Typically Developing Children. <i>Journal of Speech, Language, and Hearing Research</i> , 2009, 52, 1610-1622.	1.6	39
41	Anxiety and Depressed Mood in Obese Pregnant Women: A Prospective Controlled Cohort Study. <i>Obesity Facts</i> , 2013, 6, 152-164.	3.4	39
42	Associations between maternal psychological distress and salivary cortisol during pregnancy: A mixed-models approach. <i>Psychoneuroendocrinology</i> , 2018, 96, 52-60.	2.7	39
43	Maternal avoidance, anxiety cognitions and interactive behaviour predicts infant development at 12 months in the context of anxiety disorders in the postpartum period. , 2018, 50, 116-131.		37
44	Obesity in pregnancy: Altered onset and progression of labour. <i>Midwifery</i> , 2013, 29, 1303-1313.	2.3	36
45	Self-Concept in Children: Equivalence of Measurement and Structure Across Gender and Grade of Harter's Self-Perception Profile for Children. <i>Journal of Personality Assessment</i> , 1998, 70, 564-582.	2.1	35
46	Detecting violations of temporal regularities in waking and sleeping two-month-old infants. <i>Biological Psychology</i> , 2013, 92, 315-322.	2.2	34
47	Atypical central auditory speech-sound discrimination in children who stutter as indexed by the mismatch negativity. <i>Journal of Fluency Disorders</i> , 2014, 41, 1-11.	1.7	32
48	Fetal sleep organization: A biological precursor of self-regulation in childhood and adolescence?. <i>Biological Psychology</i> , 2012, 89, 584-590.	2.2	31
49	Psychological distress and cognitive coping in pregnant women diagnosed with cancer and their partners. <i>Psycho-Oncology</i> , 2017, 26, 1215-1221.	2.3	31
50	Pregnant Mothers with Resolved Anxiety Disorders and Their Offspring Have Reduced Heart Rate Variability: Implications for the Health of Children. <i>PLoS ONE</i> , 2013, 8, e83186.	2.5	30
51	Multimodal processing of emotional information in 9-month-old infants II: Prenatal exposure to maternal anxiety. <i>Brain and Cognition</i> , 2015, 95, 107-117.	1.8	27
52	Harter's Self-Perception Profile for Children: Factor structure, reliability, and convergent validity in a Dutch-speaking Belgian sample of fourth, fifth and sixth graders. <i>Psychologica Belgica</i> , 2020, 39, 29.	1.9	27
53	Single trial <sc>ERP</sc> reading based on parallel factor analysis. <i>Psychophysiology</i> , 2013, 50, 97-110.	2.4	26
54	Anxiety during early pregnancy predicts postpartum weight retention in obese mothers. <i>Obesity</i> , 2013, 21, 1942-1949.	3.0	24

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55	Effects of maternal stress and nutrient restriction during gestation on offspring neuroanatomy in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 5-25.	6.1	22
56	Anxious women do not show the expected decrease in cardiovascular stress responsiveness as pregnancy advances. <i>Biological Psychology</i> , 2015, 111, 83-89.	2.2	20
57	Maternal Long-Chain Polyunsaturated Fatty Acid Status during Early Pregnancy and Children's Risk of Problem Behavior at Age 5-6 Years. <i>Journal of Pediatrics</i> , 2014, 164, 762-768.	1.8	19
58	Measuring the Multidimensional Self-Concept and Global Self-Worth of 6- to 8-Year-Olds. <i>Journal of Genetic Psychology</i> , 2003, 164, 201-225.	1.2	18
59	Exogenously triggered response inhibition in developmental stuttering. <i>Journal of Fluency Disorders</i> , 2018, 56, 33-44.	1.7	18
60	The late positive potential (LPP): A neural marker of internalizing problems in early childhood. <i>International Journal of Psychophysiology</i> , 2020, 155, 78-86.	1.0	17
61	Epigenetic Modifications Associated with Maternal Anxiety during Pregnancy and Children's Behavioral Measures. <i>Cells</i> , 2021, 10, 2421.	4.1	14
62	Decoupling between fundamental frequency and energy envelope of neonate cries. <i>Early Human Development</i> , 2010, 86, 35-40.	1.8	13
63	Children prenatally exposed to maternal anxiety devote more attentional resources to neutral pictures. <i>Developmental Science</i> , 2018, 21, e12612.	2.4	13
64	Does Mindful Parenting Mediate the Association between Maternal Anxiety during Pregnancy and Child Behavioral/Emotional Problems?. <i>Mindfulness</i> , 2021, 12, 370-380.	2.8	13
65	Differences between human auditory event-related potentials (AERPs) measured at 2 and 4 months after birth. <i>International Journal of Psychophysiology</i> , 2015, 97, 75-83.	1.0	12
66	Early Life Influences on Cognition, Behavior, and Emotion in Humans: From Birth to Age 20. <i>Advances in Neurobiology</i> , 2015, 10, 315-331.	1.8	12
67	Assessment of Pain Expression in Infant Cry Signals Using Empirical Mode Decomposition. <i>Methods of Information in Medicine</i> , 2010, 49, 448-452.	1.2	11
68	Goal Disturbance and Coping in Children with Type I Diabetes Mellitus: Relationships with Health-Related Quality of Life and A1C. <i>Canadian Journal of Diabetes</i> , 2013, 37, 169-174.	0.8	11
69	Perinatal Developmental Origins of Self-Regulation. , 2015, , 349-370.		11
70	Prenatal stress exposure is associated with increased dyspnoea perception in adulthood. <i>European Respiratory Journal</i> , 2017, 50, 1700642.	6.7	9
71	Multimodal processing of emotional information in 9-month-old infants I: Emotional faces and voices. <i>Brain and Cognition</i> , 2015, 95, 99-106.	1.8	8
72	Antenatal maternal anxiety modulates the BOLD response in 20-year-old men during endogenous cognitive control. <i>Brain Imaging and Behavior</i> , 2020, 14, 830-846.	2.1	8

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73	Some societal and historical scientific considerations regarding the motherâ€™fetus relationship and parenthood. <i>Infant and Child Development</i> , 2010, 19, 39-44.	1.5	7
74	7. L'exposition prÃ©natale au stress maternel associÃ©e Ã des altÃ©rations neuro-dÃ©veloppementalesÂ?, 2011,, 67-81.		5
75	16 Prenatal programming of cognition and emotion in humans: From birth to age 20. , 2011, , 199-206.		4
76	Maternal Anxiety, Mindfulness, and Heart Rate Variability During Pregnancy Influence Fetal and Infant Development. , 2016, , 267-292.		2
77	PHASE-RECTIFIED SIGNAL AVERAGING FOR THE QUANTIFICATION OF THE INFLUENCE OF PRENATAL ANXIETY ON HEART RATE VARIABILITY OF BABIES. , 2012, , .		1
78	Comment on 'Prenatal maternal anxiety and children's brain structure and function: A systematic review of neuroimaging studies' (Adamson etÂal., <i>J Affect Disord</i> 2018, 241, 117â€™126). <i>Journal of Affective Disorders</i> , 2019, 245, 1187-1188.	4.1	0
79	3 De continuÃ©teit tussen pre- en postnatale ontwikkeling. , 2008, , 85-111.		0