

Gerald F Giesbrecht

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

3,524
citations

185998

28
h-index

161609

54
g-index

109
all docs

109
docs citations

109
times ranked

4165
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated depression and anxiety symptoms among pregnant individuals during the COVID-19 pandemic. <i>Journal of Affective Disorders</i> , 2020, 277, 5-13.	2.0	650
2	A Latent Variable Approach to Determining the Structure of Executive Function in Preschool Children. <i>Journal of Cognition and Development</i> , 2012, 13, 395-423.	0.6	204
3	Prepartum and Postpartum Maternal Depressive Symptoms Are Related to Children's Brain Structure in Preschool. <i>Biological Psychiatry</i> , 2016, 80, 859-868.	0.7	184
4	Depression and anxiety in pregnancy during COVID-19: A rapid review and meta-analysis. <i>Psychiatry Research</i> , 2021, 300, 113912.	1.7	151
5	The Alberta Pregnancy Outcomes and Nutrition (APrON) cohort study: rationale and methods. <i>Maternal and Child Nutrition</i> , 2014, 10, 44-60.	1.4	146
6	The PedBE clock accurately estimates DNA methylation age in pediatric buccal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23329-23335.	3.3	140
7	Trajectories of Sleep Quality and Associations with Mood during the Perinatal Period. <i>Sleep</i> , 2015, 38, 1237-1245.	0.6	130
8	Developmental origins of infant emotion regulation: Mediation by temperamental negativity and moderation by maternal sensitivity.. <i>Developmental Psychology</i> , 2017, 53, 611-628.	1.2	106
9	The Buffering Effect of Social Support on Hypothalamic-Pituitary-Adrenal Axis Function During Pregnancy. <i>Psychosomatic Medicine</i> , 2013, 75, 856-862.	1.3	90
10	Maternal sensitivity and social support protect against childhood atopic dermatitis. <i>Allergy, Asthma and Clinical Immunology</i> , 2017, 13, 26.	0.9	86
11	Psychological distress and salivary cortisol covary within persons during pregnancy. <i>Psychoneuroendocrinology</i> , 2012, 37, 270-279.	1.3	79
12	Cognitive and emotional aspects of self-regulation in preschoolers. <i>Cognitive Development</i> , 2007, 22, 511-529.	0.7	74
13	Social buffering of the maternal and infant HPA axes: Mediation and moderation in the intergenerational transmission of adverse childhood experiences. <i>Development and Psychopathology</i> , 2018, 30, 921-939.	1.4	61
14	Predictors of Postpartum Depression in Partnered Mothers and Fathers from a Longitudinal Cohort. <i>Community Mental Health Journal</i> , 2017, 53, 420-431.	1.1	59
15	Child and context characteristics in trajectories of physical and relational victimization among early elementary school children. <i>Development and Psychopathology</i> , 2011, 23, 239-252.	1.4	55
16	The contribution of executive function and social understanding to preschoolers' letter and math skills. <i>Cognitive Development</i> , 2013, 28, 331-349.	0.7	53
17	NARRATIVE AND META-ANALYTIC REVIEW OF INTERVENTIONS AIMING TO IMPROVE MATERNAL-CHILD ATTACHMENT SECURITY. <i>Infant Mental Health Journal</i> , 2015, 36, 366-387.	0.7	49
18	Vitamin D Deficiency and Antenatal and Postpartum Depression: A Systematic Review. <i>Nutrients</i> , 2018, 10, 478.	1.7	46

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19	The effect of gestational period on the association between maternal prenatal salivary cortisol and birth weight: A systematic review and meta-analysis. <i>Psychoneuroendocrinology</i> , 2018, 94, 49-62.	1.3	43
20	Sexually dimorphic adaptations in basal maternal stress physiology during pregnancy and implications for fetal development. <i>Psychoneuroendocrinology</i> , 2015, 56, 168-178.	1.3	36
21	Developmental origins of infant stress reactivity profiles: A multi-system approach. <i>Developmental Psychobiology</i> , 2016, 58, 578-599.	0.9	36
22	Prenatal Care Disruptions and Associations With Maternal Mental Health During the COVID-19 Pandemic. <i>Frontiers in Global Women S Health</i> , 2021, 2, 648428.	1.1	35
23	Alcohol and substance use in pregnancy during the COVID-19 pandemic. <i>Drug and Alcohol Dependence</i> , 2021, 225, 108760.	1.6	35
24	Maternal depressive symptoms linked to reduced fecal Immunoglobulin A concentrations in infants. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 123-131.	2.0	34
25	Adverse childhood experiences and HPA axis function in pregnant women. <i>Hormones and Behavior</i> , 2018, 102, 10-22.	1.0	34
26	Amygdala-Prefrontal Structural Connectivity Mediates the Relationship between Prenatal Depression and Behavior in Preschool Boys. <i>Journal of Neuroscience</i> , 2020, 40, 6969-6977.	1.7	32
27	Relations between neighbourhood socioeconomic status and birth outcomes are mediated by maternal weight. <i>Social Science and Medicine</i> , 2017, 175, 143-151.	1.8	31
28	Comparison of sample characteristics in two pregnancy cohorts: community-based versus population-based recruitment methods. <i>BMC Medical Research Methodology</i> , 2013, 13, 149.	1.4	29
29	Sexually dimorphic and interactive effects of prenatal maternal cortisol and psychological distress on infant cortisol reactivity. <i>Development and Psychopathology</i> , 2017, 29, 805-818.	1.4	29
30	Depressed mood and anxiety as risk factors for hypertensive disorders of pregnancy: a systematic review and meta-analysis. <i>Psychological Medicine</i> , 2020, 50, 2128-2140.	2.7	27
31	Mindfulness-based cognitive therapy for psychological distress in pregnancy: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 498.	0.7	26
32	Prenatal bisphenol a exposure and dysregulation of infant hypothalamic-pituitary-adrenal axis function: findings from the APron cohort study. <i>Environmental Health</i> , 2017, 16, 47.	1.7	26
33	The role of HPA-axis function during pregnancy in the intergenerational transmission of maternal adverse childhood experiences to child behavior problems. <i>Development and Psychopathology</i> , 2021, 33, 284-300.	1.4	26
34	Biological embedding of perinatal social relationships in infant stress reactivity. <i>Developmental Psychobiology</i> , 2017, 59, 425-435.	0.9	25
35	Salivary alpha-amylase during pregnancy: Diurnal course and associations with obstetric history, maternal demographics, and mood. <i>Developmental Psychobiology</i> , 2013, 55, 156-167.	0.9	24
36	Urinary bisphenol A is associated with dysregulation of HPA-axis function in pregnant women: Findings from the APron cohort study. <i>Environmental Research</i> , 2016, 151, 689-697.	3.7	23

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37	Advancing gestation does not attenuate biobehavioural coherence between psychological distress and cortisol. <i>Biological Psychology</i> , 2013, 93, 45-51.	1.1	22
38	Maternal and paternal perinatal depressive symptoms associate with 2- and 3-year-old children's behaviour: findings from the APron longitudinal study. <i>BMC Pediatrics</i> , 2019, 19, 435.	0.7	22
39	Similar names, different results: Consistency of the associations between prenatal exposure to phthalates and parent-ratings of behavior problems in preschool children. <i>Environment International</i> , 2020, 142, 105892.	4.8	22
40	Cerebral blood flow increases across early childhood. <i>NeuroImage</i> , 2020, 204, 116224.	2.1	21
41	Protocol for the Pregnancy During the COVID-19 Pandemic (PdP) Study: A Longitudinal Cohort Study of Mental Health Among Pregnant Canadians During the COVID-19 Pandemic and Developmental Outcomes in Their Children. <i>JMIR Research Protocols</i> , 2021, 10, e25407.	0.5	21
42	Maternal cortisol during pregnancy is related to infant cardiac vagal control. <i>Psychoneuroendocrinology</i> , 2015, 54, 78-89.	1.3	19
43	Perinatal nutrition in maternal mental health and child development: Birth of a pregnancy cohort. <i>Early Human Development</i> , 2016, 93, 1-7.	0.8	18
44	Development of a diet quality index to assess adherence to Canadian dietary recommendations in 3-year-old children. <i>Public Health Nutrition</i> , 2020, 23, 385-393.	1.1	18
45	The Alberta Pregnancy Outcomes and Nutrition (APron) longitudinal study: cohort profile and key findings from the first three years. <i>BMJ Open</i> , 2022, 12, e047503.	0.8	18
46	Associations among Caesarean Section Birth, Post-Traumatic Stress, and Postpartum Depression Symptoms. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4900.	1.2	18
47	Paternal adverse childhood experiences: Associations with infant DNA methylation. <i>Developmental Psychobiology</i> , 2021, 63, e22174.	0.9	17
48	eHealth Interventions for Treatment and Prevention of Depression, Anxiety, and Insomnia During Pregnancy: Systematic Review and Meta-analysis. <i>JMIR Mental Health</i> , 2022, 9, e31116.	1.7	17
49	Prenatal Maternal Distress During the COVID-19 Pandemic and Associations With Infant Brain Connectivity. <i>Biological Psychiatry</i> , 2022, 92, 701-708.	0.7	16
50	Effects of Mindfulness-Based Cognitive Therapy in Pregnancy on Psychological Distress and Gestational Age: Outcomes of a Randomized Controlled Trial. <i>Mindfulness</i> , 2021, 12, 1173-1184.	1.6	15
51	Evolutionary Significance of the Neuroendocrine Stress Axis on Vertebrate Immunity and the Influence of the Microbiome on Early-Life Stress Regulation and Health Outcomes. <i>Frontiers in Microbiology</i> , 2021, 12, 634539.	1.5	15
52	Neighbourhood socioeconomic status modifies the association between anxiety and depression during pregnancy and preterm birth: a Community-based Canadian cohort study. <i>BMJ Open</i> , 2020, 10, e031035.	0.8	14
53	Data Harmonization and Data Pooling from Cohort Studies: A Practical Approach for Data Management. <i>International Journal of Population Data Science</i> , 2021, 6, 1680.	0.1	14
54	Prenatal exposure to phthalates and peripheral blood and buccal epithelial DNA methylation in infants: An epigenome-wide association study. <i>Environment International</i> , 2022, 163, 107183.	4.8	14

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55	Latent factors of adverse childhood experiences and adult-onset asthma. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 50-57.	0.7	13
56	Sleep and the gut microbiota in preschool-aged children. <i>Sleep</i> , 2022, 45, .	0.6	12
57	Full-term deliveries without antecedent labor reveal sex differences in umbilical cord glucocorticoid concentrations. <i>Psychoneuroendocrinology</i> , 2016, 74, 121-125.	1.3	11
58	Postnatal BPA is associated with increasing executive function difficulties in preschool children. <i>Pediatric Research</i> , 2021, 89, 686-693.	1.1	11
59	Associations of peripheral blood DNA methylation and estimated monocyte proportion differences during infancy with toddler attachment style. <i>Attachment and Human Development</i> , 2023, 25, 132-161.	1.2	10
60	Latent trait cortisol (LTC) during pregnancy: Composition, continuity, change, and concomitants. <i>Psychoneuroendocrinology</i> , 2015, 62, 149-158.	1.3	9
61	Does neighborhood socioeconomic status predict the risk of preterm birth? A community-based Canadian cohort study. <i>BMJ Open</i> , 2019, 9, e025341.	0.8	9
62	Associations Between the Gut Microbiota and Internalizing Behaviors in Preschool Children. <i>Psychosomatic Medicine</i> , 2022, 84, 159-169.	1.3	9
63	The role of maternal cardiac vagal control in the association between depressive symptoms and gestational hypertension. <i>Biological Psychology</i> , 2016, 117, 32-42.	1.1	8
64	Partner social support during pregnancy and the postpartum period and inflammation in 3-month-old infants. <i>Biological Psychology</i> , 2019, 144, 11-19.	1.1	8
65	Perinatal Maternal Anxiety and Depressive Symptoms and Child Executive Function and Attention at Two-years of Age. <i>Developmental Neuropsychology</i> , 2020, 45, 380-395.	1.0	8
66	Improved Child Mental Health Following Brief Relationship Enhancement and Co-Parenting Interventions During the Transition to Parenthood. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 766.	1.2	8
67	Assessment of anxiety during pregnancy: are existing multiple anxiety scales suitable and comparable in measuring anxiety during pregnancy?. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 2021, 42, 140-146.	1.1	8
68	Prenatal maternal distress and immune cell epigenetic profiles at 36 months of age. <i>Developmental Psychobiology</i> , 2021, 63, 973-984.	0.9	8
69	Infant DNA methylation: an early indicator of intergenerational trauma?. <i>Early Human Development</i> , 2022, 164, 105519.	0.8	8
70	Building Emotional Awareness and Mental Health (BEAM): A Pilot Randomized Controlled Trial of an App-Based Program for Mothers of Toddlers. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	8
71	Appraisal of the Psychiatric Diagnostic Screening Questionnaire in a perinatal cohort: The APron study. <i>Scandinavian Journal of Public Health</i> , 2017, 45, 658-665.	1.2	7
72	Quantitative meta-analysis of maternal prenatal salivary cortisol and newborn birthweight does not identify effect of fetal sex. <i>Psychoneuroendocrinology</i> , 2019, 106, 117-121.	1.3	7

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73	Characterizing and Evaluating Diurnal Salivary Uric Acid Across Pregnancy Among Healthy Women. <i>Frontiers in Endocrinology</i> , 2022, 13, 813564.	1.5	7
74	Affective experience in ecologically relevant contexts is dynamic and not progressively attenuated during pregnancy. <i>Archives of Women's Mental Health</i> , 2012, 15, 481-485.	1.2	6
75	Nursing Child Assessment Satellite Training Parent-Child Interaction Scales: Comparing American and Canadian Normative and High-Risk Samples. <i>Journal of Pediatric Nursing</i> , 2018, 40, 47-57.	0.7	6
76	Parenting Interacts With Plasticity Genes in Predicting Behavioral Outcomes in Preschoolers. <i>Canadian Journal of Nursing Research</i> , 2020, 52, 290-307.	0.6	6
77	Latent class trajectories of infant temperament and associations with problem behavior at two years of age. <i>Development and Psychopathology</i> , 2022, 34, 69-84.	1.4	5
78	Cross-Sectional Study Protocol for the COVID-19 Impact Survey of Mothers and Their 7-11 Year Old Children in Alberta, Canada. <i>Frontiers in Psychiatry</i> , 2021, 12, 597759.	1.3	4
79	Sleeping for two: study protocol for a randomized controlled trial of cognitive behavioral therapy for insomnia in pregnant women. <i>Trials</i> , 2021, 22, 532.	0.7	4
80	Short-term autonomic nervous system and experiential responses during a labyrinth walk. <i>Cogent Psychology</i> , 2018, 5, 1495036.	0.6	3
81	Parental Use of "Cry Out" in a Community Sample During the First Year of Infant Life. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2020, 41, 379-387.	0.6	3
82	Associations Among Parental Caregiving Quality, Cannabinoid Receptor 1 Expression-Based Polygenic Scores, and Infant-Parent Attachment: Evidence for Differential Genetic Susceptibility?. <i>Frontiers in Neuroscience</i> , 2021, 15, 704392.	1.4	3
83	Increasing the quality of life from womb to grave: the importance of pregnancy and birth cohorts. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 85-89.	0.9	2
84	The effects of "does not apply"™ on measurement of temperament with the Infant Behavior Questionnaire™ Revised: A cautionary tale for very young infants. <i>Early Human Development</i> , 2014, 90, 627-634.	0.8	2
85	Ambulatory Blood Pressure Trajectory and Perceived Stress in Relation to Birth Outcomes in Healthy Pregnant Adolescents. <i>Psychosomatic Medicine</i> , 2019, 81, 464-476.	1.3	2
86	Physiological and psychological stress in pregnant women with quiescent inflammatory bowel disease: A pilot study using salivary biomarkers. <i>JGH Open</i> , 2020, 4, 692-697.	0.7	2
87	142 Prenatal Sleep Quality and Infant Sleep: A Longitudinal Study. <i>Sleep</i> , 2021, 44, A58-A59.	0.6	2
88	The role of maternal nutrition during pregnancy in the intergenerational transmission of childhood adversity. <i>Psychoneuroendocrinology</i> , 2021, 130, 105283.	1.3	2
89	Complex exposures require comprehensive and accurate analysis. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 345-346.	0.7	0