

Carolina de Weerth

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

5,549
citations

101543

36
h-index

88630

70
g-index

105
all docs

105
docs citations

105
times ranked

6247
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal prenatal stress is associated with the infant intestinal microbiota. <i>Psychoneuroendocrinology</i> , 2015, 53, 233-245.	2.7	359
2	Physiological stress reactivity in human pregnancy—a review. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 295-312.	6.1	322
3	Mechanisms underlying the effects of prenatal psychosocial stress on child outcomes: beyond the HPA axis. <i>European Child and Adolescent Psychiatry</i> , 2014, 23, 943-956.	4.7	254
4	Intestinal Microbiota of Infants With Colic: Development and Specific Signatures. <i>Pediatrics</i> , 2013, 131, e550-e558.	2.1	213
5	Prenatal stress and children's cortisol reaction to the first day of school. <i>Psychoneuroendocrinology</i> , 2005, 30, 541-549.	2.7	199
6	The effects of prenatal stress on temperament and problem behavior of 27-month-old toddlers. <i>European Child and Adolescent Psychiatry</i> , 2005, 14, 41-51.	4.7	197
7	Does Early-Life Exposure to Stress Shape or Impair Cognition?. <i>Current Directions in Psychological Science</i> , 2013, 22, 407-412.	5.3	194
8	Development of cortisol circadian rhythm in infancy. <i>Early Human Development</i> , 2003, 73, 39-52.	1.8	191
9	Prenatal maternal cortisol levels and infant behavior during the first 5 months. <i>Early Human Development</i> , 2003, 74, 139-151.	1.8	188
10	Maternal behavior predicts infant cortisol recovery from a mild everyday stressor. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 97-103.	5.2	171
11	Associations between maternal prenatal cortisol concentrations and child outcomes: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 53, 1-24.	6.1	171
12	Maternal Prenatal Anxiety and Stress Predict Infant Illnesses and Health Complaints. <i>Pediatrics</i> , 2010, 126, e401-e409.	2.1	161
13	Cortisol reactivity in young infants. <i>Psychoneuroendocrinology</i> , 2010, 35, 329-338.	2.7	150
14	Do bacteria shape our development? Crosstalk between intestinal microbiota and HPA axis. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 458-471.	6.1	144
15	Rotavirus vaccine response correlates with the infant gut microbiota composition in Pakistan. <i>Gut Microbes</i> , 2018, 9, 93-101.	9.8	142
16	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.	7.1	140
17	Effects of vacation from work on health and well-being: Lots of fun, quickly gone. <i>Work and Stress</i> , 2010, 24, 196-216.	4.5	132
18	Moderation of distress-induced eating by emotional eating scores. <i>Appetite</i> , 2012, 58, 277-284.	3.7	128

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19	Breastfeeding and the motherâ€™infant relationshipâ€™A review. <i>Developmental Review</i> , 2008, 28, 503-521.	4.7	87
20	Female aggression as a response to sexual jealousy: A sex role reversal?. <i>Aggressive Behavior</i> , 1993, 19, 265-279.	2.4	83
21	Peer Rejection and HPA Activity in Middle Childhood: Friendship Makes a Difference. <i>Child Development</i> , 2011, 82, 1906-1920.	3.0	83
22	Cortisol awakening response in pregnant women. <i>Psychoneuroendocrinology</i> , 2005, 30, 902-907.	2.7	81
23	How does a vacation from work affect employee health and well-being?. <i>Psychology and Health</i> , 2011, 26, 1606-1622.	2.2	78
24	Crying in infants. <i>Gut Microbes</i> , 2013, 4, 416-421.	9.8	78
25	Cortisol reactivity and distress-induced emotional eating. <i>Psychoneuroendocrinology</i> , 2013, 38, 677-684.	2.7	70
26	The association between breastmilk oligosaccharides and faecal microbiota in healthy breastfed infants at two, six, and twelve weeks of age. <i>Scientific Reports</i> , 2020, 10, 4270.	3.3	70
27	The effect of prebiotic fortified infant formulas on microbiota composition and dynamics in early life. <i>Scientific Reports</i> , 2019, 9, 2434.	3.3	65
28	Gut microbiota and BMI throughout childhood: the role of firmicutes, bacteroidetes, and short-chain fatty acid producers. <i>Scientific Reports</i> , 2022, 12, 3140.	3.3	65
29	Cortisol in the first year of life: Normative values and intra-individual variability. <i>Early Human Development</i> , 2010, 86, 13-16.	1.8	55
30	A new device for collecting saliva for cortisol determination. <i>Psychoneuroendocrinology</i> , 2007, 32, 1144-1148.	2.7	54
31	Cortisol levels of caregivers in child care centers as related to the quality of their caregiving. <i>Early Childhood Research Quarterly</i> , 2009, 24, 55-63.	2.7	51
32	The relation between emotion regulation strategies and physiological stress responses in middle childhood. <i>Psychoneuroendocrinology</i> , 2012, 37, 1309-1319.	2.7	51
33	Human Milk Microbiome and Maternal Postnatal Psychosocial Distress. <i>Frontiers in Microbiology</i> , 2019, 10, 2333.	3.5	47
34	Infant cortisol and behavioral habituation to weekly maternal separations: Links with maternal prenatal cortisol and psychosocial stress. <i>Psychoneuroendocrinology</i> , 2013, 38, 2863-2874.	2.7	46
35	Prenatal and postnatal cortisol and testosterone are related to parental caregiving quality in fathers, but not in mothers. <i>Psychoneuroendocrinology</i> , 2018, 97, 94-103.	2.7	42
36	Hunger, inhibitory control and distress-induced emotional eating. <i>Appetite</i> , 2014, 79, 124-133.	3.7	40

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37	Development of the cortisol circadian rhythm in the light of stress early in life. <i>Psychoneuroendocrinology</i> , 2015, 62, 292-300.	2.7	39
38	Explicit and implicit caregiving interests in expectant fathers: Do endogenous and exogenous oxytocin and vasopressin matter?. , 2015, 41, 26-37.		37
39	Human milk cortisol and immune factors over the first three postnatal months: Relations to maternal psychosocial distress. <i>PLoS ONE</i> , 2020, 15, e0233554.	2.5	37
40	Measurement of Cortisol in Small Quantities of Saliva. <i>Clinical Chemistry</i> , 2003, 49, 658-660.	3.2	35
41	Cardiovascular and cortisol responses to a psychological stressor during pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2007, 86, 1181-1192.	2.8	35
42	Functioning within a relationship: Motherâ€™s infant synchrony and infant sleep. , 2012, 35, 252-263.		33
43	A validation of the Postpartum Specific Anxiety Scale 12-item research short-form for use during global crises with five translations. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 112.	2.4	32
44	Probiotics as a treatment for prenatal maternal anxiety and depression: a double-blind randomized pilot trial. <i>Scientific Reports</i> , 2021, 11, 3051.	3.3	31
45	Are cortisol concentrations in human breast milk associated with infant crying?. <i>Developmental Psychobiology</i> , 2018, 60, 639-650.	1.6	29
46	Prenatal stress and the development of psychopathology: Lifestyle behaviors as a fundamental part of the puzzle. <i>Development and Psychopathology</i> , 2018, 30, 1129-1144.	2.3	29
47	Maternal Prenatal Anxiety and the Fetal Origins of Epigenetic Aging. <i>Biological Psychiatry</i> , 2022, 91, 303-312.	1.3	29
48	Early Emotional, Behavioural and Social Development of Infants and Young Children with Congenital Heart Disease: A Systematic Review. <i>Journal of Clinical Psychology in Medical Settings</i> , 2020, 27, 686-703.	1.4	27
49	Developmental stimulation in child care centers contributes to young infantsâ€™ cognitive development. , 2010, 33, 401-408.		26
50	Exploring temperamental differences in infants from the USA and the Netherlands. <i>European Journal of Developmental Psychology</i> , 2015, 12, 15-28.	1.8	25
51	The risk and protective factors of heightened prenatal anxiety and depression during the COVID-19 lockdown. <i>Scientific Reports</i> , 2021, 11, 20261.	3.3	24
52	Nonparental care and infant health: Do number of hours and number of concurrent arrangements matter?. <i>Early Human Development</i> , 2011, 87, 9-15.	1.8	22
53	Early non-parental care and toddler behaviour problems: Links with temperamental negative affectivity and inhibitory control. <i>Early Childhood Research Quarterly</i> , 2013, 28, 714-722.	2.7	22
54	The microbiotaâ€™gutâ€™brain axis: A promising avenue to foster healthy developmental outcomes. <i>Developmental Psychobiology</i> , 2019, 61, 772-782.	1.6	21

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55	Development of the gut microbiota in healthy children in the first ten years of life: associations with internalizing and externalizing behavior. <i>Gut Microbes</i> , 2022, 14, 2038853.	9.8	21
56	Gender differences in awareness of courtship initiation tactics. <i>Sex Roles</i> , 1995, 32, 717-734.	2.4	18
57	Childbirth complications affect young infants' behavior. <i>European Child and Adolescent Psychiatry</i> , 2007, 16, 379-388.	4.7	18
58	Young adults' reactions to infant crying. , 2015, 38, 41-48.		17
59	Human milk: From complex tailored nutrition to bioactive impact on child cognition and behavior. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7945-7982.	10.3	17
60	Parental experiences of their infant's hospital admission undergoing cardiac surgery: A systematic review. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1730-1740.	1.5	16
61	Testing three hypotheses about effects of sensitive vs insensitive parenting on telomeres.. <i>Developmental Psychology</i> , 2020, 56, 237-250.	1.6	16
62	Cortisol stress responses and children's behavioral functioning at school. <i>Developmental Psychobiology</i> , 2017, 59, 217-224.	1.6	15
63	Prenatal Predictors of Postnatal Quality of Caregiving Behavior in Mothers and Fathers. <i>Parenting</i> , 2019, 19, 101-119.	1.4	14
64	Prenatal Stress and Mixed-Handedness. <i>Pediatric Research</i> , 2007, 62, 586-590.	2.3	13
65	Differential associations between behavioral and cortisol responses to a stressor in securely versus insecurely attached infants. <i>Behavioural Brain Research</i> , 2017, 325, 147-155.	2.2	13
66	Internalizing symptoms associate with the pace of epigenetic aging in childhood. <i>Biological Psychology</i> , 2021, 159, 108021.	2.2	13
67	Structure-Specific and Individual-Dependent Metabolization of Human Milk Oligosaccharides in Infants: A Longitudinal Birth Cohort Study. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6186-6199.	5.2	13
68	Infants' interactions with professional caregivers at 3 and 6 months of age: A longitudinal study. , 2007, 30, 631-640.		12
69	Daily skin-to-skin contact in full-term infants and breastfeeding: Secondary outcomes from a randomized controlled trial. <i>Maternal and Child Nutrition</i> , 2022, 18, e13241.	3.0	12
70	Maternal antenatal depression and child mental health: Moderation by genomic risk for attention-deficit/hyperactivity disorder. <i>Development and Psychopathology</i> , 2020, 32, 1810-1821.	2.3	12
71	Stress in adults with congenital deafblindness and an intellectual disability: Information from their cortisol curves. <i>British Journal of Visual Impairment</i> , 2012, 30, 149-159.	0.8	11
72	Probiotics in pregnancy: protocol of a double-blind randomized controlled pilot trial for pregnant women with depression and anxiety (PIP pilot trial). <i>Trials</i> , 2019, 20, 440.	1.6	11

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73	Biological embedding of maternal postpartum depressive symptoms: The potential role of cortisol and telomere length. <i>Biological Psychology</i> , 2020, 150, 107809.	2.2	11
74	Does entry to center-based childcare affect gut microbial colonization in young infants?. <i>Scientific Reports</i> , 2020, 10, 10235.	3.3	11
75	Beyond Early Adversity: The Role of Parenting in Infant Physical Health. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2020, 41, 452-460.	1.1	11
76	Prenatal Anxiety and Depression: Treatment Uptake, Barriers, and Facilitators in Midwifery Care. <i>Journal of Women's Health</i> , 2021, 30, 1116-1126.	3.3	11
77	Internalizing symptoms and family functioning predict adolescent depressive symptoms during COVID-19: A longitudinal study in a community sample. <i>PLoS ONE</i> , 2022, 17, e0264962.	2.5	11
78	Differences in hair cortisol concentrations and reported anxiety in women with preeclampsia versus uncomplicated pregnancies. <i>Pregnancy Hypertension</i> , 2020, 21, 200-202.	1.4	10
79	Parents of young infants report poor mental health and more insensitive parenting during the first Covid-19 lockdown. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 302.	2.4	10
80	The relation between gaze aversion and cortisol reactivity in middle childhood. <i>Hormones and Behavior</i> , 2014, 65, 173-178.	2.1	9
81	Salivary biomarkers of stress and inflammation in first graders in Côte d'Ivoire: Effects of a probiotic food intervention. <i>Psychoneuroendocrinology</i> , 2021, 129, 105255.	2.7	8
82	Parent-Infant Room Sharing During the First Months of Life: Longitudinal Links With Behavior During Middle Childhood. <i>Child Development</i> , 2019, 90, 1350-1367.	3.0	6
83	Is prenatal maternal distress context-dependent? Comparing United States and the Netherlands. <i>Journal of Affective Disorders</i> , 2020, 260, 710-715.	4.1	6
84	Do Breastfeeding History and Diet Quality Predict Inhibitory Control at Preschool Age?. <i>Nutrients</i> , 2021, 13, 2752.	4.1	6
85	Cortisol and testosterone concentrations during the prenatal and postpartum period forecast later caregiving quality in mothers and fathers. <i>Hormones and Behavior</i> , 2022, 142, 105177.	2.1	6
86	Links between television exposure and toddler dysregulation: Does culture matter?. , 2021, 63, 101557.		5
87	Mothers' Attachment Style as a Predictor of Breastfeeding and Room-Sharing Practices. <i>Journal of Pediatric Psychology</i> , 2020, 45, 654-662.	2.1	4
88	The first 12.5 years of parenthood: A latent trait-state occasion model of the longitudinal association between maternal distress and child internalizing and externalizing problems.. <i>Developmental Psychology</i> , 2021, 57, 1124-1135.	1.6	4
89	Cultural contributors to negative emotionality: A multilevel analysis from the Joint Effort Toddler Temperament Consortium. <i>International Journal of Behavioral Development</i> , 2021, 45, 545-552.	2.4	4
90	Can gut microbiota throughout the first 10 years of life predict executive functioning in childhood?. <i>Developmental Psychobiology</i> , 2022, 64, e22226.	1.6	4

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91	An App-Based Parenting Program to Promote Healthy Energy Balance-Related Parenting Practices to Prevent Childhood Obesity: Protocol Using the Intervention Mapping Framework. JMIR Formative Research, 2021, 5, e24802.	1.4	3
92	Daily skin-to-skin contact and crying and sleeping in healthy full-term infants: A randomized controlled trial.. Developmental Psychology, 2022, 58, 1629-1638.	1.6	3
93	Studying Quality of Caregiving Behavior: The Roles of Infant, Mother, Father, and Culture. Parenting, 2019, 19, 133-136.	1.4	2
94	Effects of skin-to-skin contact on full-term infants' stress reactivity and quality of mother-infant interactions. Developmental Psychobiology, 2022, 64, .	1.6	2
95	Working memory from pregnancy to postpartum: Do women really change?. Psychoneuroendocrinology, 2021, 126, 105169.	2.7	1
96	Can Maternal Prenatal Self-Reported and Physiological Distress Predict Postnatal Caregiving Practices?. Yale Journal of Biology and Medicine, 2022, 95, 3-17.	0.2	1
97	Letter in response to: A systematic review literature searches must be comprehensive and reproducible if their conclusions are to drive the research agenda and clinical practice changes. Acta Paediatrica, International Journal of Paediatrics, 2022, , .	1.5	0
98	Title is missing!. , 2020, 15, e0233554.		0
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102	Title is missing!. , 2020, 15, e0233554.		0
103	Title is missing!. , 2020, 15, e0233554.		0