

Nicole R Bush

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7284980/publications.pdf>

Version: 2024-02-01

112
papers

3,044
citations

230014

27
h-index

232693

48
g-index

112
all docs

112
docs citations

112
times ranked

4083
citing authors

#	ARTICLE	IF	CITATIONS
1	A path model examination: maternal anxiety and parenting mediate the association between maternal adverse childhood experiences and children's internalizing behaviors. <i>Psychological Medicine</i> , 2023, 53, 112-122.	2.7	16
2	Transactions between Maternal and Child Depressive Symptoms Emerge Early in Life. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2022, 51, 61-72.	2.2	18
3	An immunogenomic phenotype predicting behavioral treatment response: Toward precision psychiatry for mothers and children with trauma exposure. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 350-362.	2.0	7
4	Maternal childhood trauma and prenatal stressors are associated with child behavioral health. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 483-493.	0.7	15
5	Prenatal phthalate exposure in relation to placental corticotropin releasing hormone (pCRH) in the CANDLE cohort. <i>Environment International</i> , 2022, 160, 107078.	4.8	8
6	Prenatal urinary metabolites of polycyclic aromatic hydrocarbons and toddler cognition, language, and behavior. <i>Environment International</i> , 2022, 159, 107039.	4.8	11
7	Cardiometabolic Pregnancy Complications in Association With Autism-Related Traits as Measured by the Social Responsiveness Scale in ECHO. <i>American Journal of Epidemiology</i> , 2022, 191, 1407-1419.	1.6	9
8	Associations Between Maternal Stressful Life Events and Perceived Distress during Pregnancy and Child Mental Health at Age 4. <i>Research on Child and Adolescent Psychopathology</i> , 2022, 50, 977-986.	1.4	6
9	Maternal early exposure to violence, psychopathology, and child adaptive functioning: pre- and postnatal programming. <i>Pediatric Research</i> , 2022, 92, 91-97.	1.1	5
10	Urinary phthalate metabolite mixtures in pregnancy and fetal growth: Findings from the infant development and the environment study. <i>Environment International</i> , 2022, 163, 107235.	4.8	15
11	The prism of reactivity: Concordance between biobehavioral domains of infant stress reactivity. , 2022, 67, 101704.		0
12	Associations between APOL1 genetic variants and blood pressure in African American mothers and children from a U.S. pregnancy cohort: Modification by air pollution exposures. <i>Environmental Research</i> , 2022, 212, 113186.	3.7	0
13	Prenatal exposure to polycyclic aromatic hydrocarbons and gestational age at birth. <i>Environment International</i> , 2022, 164, 107246.	4.8	10
14	Intergenerational transmission of maternal childhood adversity and depression on children's internalizing problems. <i>Journal of Affective Disorders</i> , 2022, 308, 205-212.	2.0	13
15	Prenatal Phthalate Exposure and Child Weight and Adiposity from <i>in Utero</i> to 6 Years of Age. <i>Environmental Health Perspectives</i> , 2022, 130, 47006.	2.8	20
16	Intergenerational Transmission of Effects of Women's Stressors During Pregnancy: Child Psychopathology and the Protective Role of Parenting. <i>Frontiers in Psychiatry</i> , 2022, 13, 838535.	1.3	10
17	Translating the Biology of Adversity and Resilience Into New Measures for Pediatric Practice. <i>Pediatrics</i> , 2022, 149, .	1.0	15
18	The association between duration of breastfeeding and childhood asthma outcomes. <i>Annals of Allergy, Asthma and Immunology</i> , 2022, 129, 205-211.	0.5	13

#	ARTICLE	IF	CITATIONS
19	Associations between social, biologic, and behavioral factors and biomarkers of oxidative stress during pregnancy: Findings from four ECHO cohorts. <i>Science of the Total Environment</i> , 2022, 835, 155596.	3.9	11
20	Association of prenatal exposure to ambient air pollution with adverse birth outcomes and effect modification by socioeconomic factors. <i>Environmental Research</i> , 2022, 212, 113571.	3.7	9
21	Oxidative Balance Score during Pregnancy Is Associated with Oxidative Stress in the CANDLE Study. <i>Nutrients</i> , 2022, 14, 2327.	1.7	4
22	Associations of Pre- and Postnatal Air Pollution Exposures with Child Behavioral Problems and Cognitive Performance: A U.S. Multi-Cohort Study. <i>Environmental Health Perspectives</i> , 2022, 130, .	2.8	22
23	Distributional Properties and Criterion Validity of a Shortened Version of the Social Responsiveness Scale: Results from the ECHO Program and Implications for Social Communication Research. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 2241-2253.	1.7	12
24	Associations between prenatal phthalate exposure and sex-typed play behavior in preschool age boys and girls. <i>Environmental Research</i> , 2021, 192, 110264.	3.7	7
25	Maternal Plasma 25-Hydroxyvitamin D during Gestation Is Positively Associated with Neurocognitive Development in Offspring at Age 4–6 Years. <i>Journal of Nutrition</i> , 2021, 151, 132-139.	1.3	11
26	A lifestyle intervention randomized controlled trial in obese women with infertility improved body composition among those who experienced childhood adversity. <i>Stress and Health</i> , 2021, 37, 93-102.	1.4	9
27	Maternal Stress During Pregnancy Predicts Infant Infectious and Noninfectious Illness. <i>Journal of Pediatrics</i> , 2021, 228, 117-125.e2.	0.9	25
28	Distribution, Stability, and Continuity of Autonomic Nervous System Responsivity at 18- and 36-Months of Age. <i>Biological Research for Nursing</i> , 2021, 23, 208-217.	1.0	2
29	Externalizing and Internalizing Problems: Associations with Family Adversity and Young Children's Adrenocortical and Autonomic Functioning. <i>Research on Child and Adolescent Psychopathology</i> , 2021, 49, 629-642.	1.4	7
30	Associations Between Maternal Nutrition in Pregnancy and Child Blood Pressure at 4–6 Years: A Prospective Study in a Community-Based Pregnancy Cohort. <i>Journal of Nutrition</i> , 2021, 151, 949-961.	1.3	3
31	Phthalate mixtures in pregnancy, autistic traits, and adverse childhood behavioral outcomes. <i>Environment International</i> , 2021, 147, 106330.	4.8	31
32	Maternal Oxidative Stress Biomarkers in Pregnancy and Child Growth from Birth to Age 6. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1427-1436.	1.8	22
33	Maternal exposure to PM2.5 during pregnancy and asthma risk in early childhood. <i>Environmental Epidemiology</i> , 2021, 5, e130.	1.4	34
34	Associations of prenatal metabolomics profiles with early childhood growth trajectories and obesity risk in African Americans: the CANDLE study. <i>International Journal of Obesity</i> , 2021, 45, 1439-1447.	1.6	6
35	Associations of Pre- and Postnatal Air Pollution Exposures with Child Blood Pressure and Modification by Maternal Nutrition: A Prospective Study in the CANDLE Cohort. <i>Environmental Health Perspectives</i> , 2021, 129, 47004.	2.8	19
36	Gestational diabetes and childhood asthma in a racially diverse US pregnancy cohort. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1190-1196.	1.1	17

#	ARTICLE	IF	CITATIONS
37	Exposure to prenatal phthalate mixtures and neurodevelopment in the Conditions Affecting Neurocognitive Development and Learning in Early childhood (CANDLE) study. <i>Environment International</i> , 2021, 150, 106409.	4.8	27
38	Identifying profiles of multisystem physiological activity across early childhood: Examining developmental shifts and associations with stress and internalizing problems. <i>Psychoneuroendocrinology</i> , 2021, 128, 105196.	1.3	7
39	Adversity in early life and pregnancy are immunologically distinct from total life adversity: macrophage-associated phenotypes in women exposed to interpersonal violence. <i>Translational Psychiatry</i> , 2021, 11, 391.	2.4	16
40	Associations of prenatal exposure to NO ₂ and near roadway residence with placental gene expression. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
41	Residential greenspace and internalizing behaviors in early childhood. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
42	Maternal Stressful Life Events during Pregnancy and Atopic Dermatitis in Children Aged Approximately 4–6 Years. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9696.	1.2	3
43	A Comprehensive Assessment of Associations between Prenatal Phthalate Exposure and the Placental Transcriptomic Landscape. <i>Environmental Health Perspectives</i> , 2021, 129, 97003.	2.8	20
44	Longitudinal hair cortisol in low-income young children: A useful biomarker of behavioral symptom change?. <i>Psychoneuroendocrinology</i> , 2021, 133, 105389.	1.3	4
45	Digit ratio, a proposed marker of the prenatal hormone environment, is not associated with prenatal sex steroids, anogenital distance, or gender-typed play behavior in preschool age children. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 923-932.	0.7	12
46	First- and Third-Trimester Urinary Phthalate Metabolites in the Development of Hypertensive Diseases of Pregnancy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10627.	1.2	11
47	Evidence for discrete profiles of children's physiological activity across three neurobiological system and their transitions over time. <i>Developmental Science</i> , 2021, 24, e12989.	1.3	9
48	Developmental consequences of early life stress on risk for psychopathology: Longitudinal associations with children's multisystem physiological regulation and executive functioning. <i>Development and Psychopathology</i> , 2021, 33, 1759-1773.	1.4	7
49	Informant-specific reports of peer and teacher relationships buffer the effects of harsh parenting on children's oppositional defiant disorder during kindergarten. <i>Development and Psychopathology</i> , 2020, 32, 163-174.	1.4	15
50	Associations between classroom climate and children's externalizing symptoms: The moderating effect of kindergarten children's parasympathetic reactivity. <i>Development and Psychopathology</i> , 2020, 32, 661-672.	1.4	11
51	Biological sensitivity to context: A test of the hypothesized U-shaped relation between early adversity and stress responsivity. <i>Development and Psychopathology</i> , 2020, 32, 641-660.	1.4	39
52	Immune Biomarkers of Early-Life Adversity and Exposure to Stress and Violence—Searching Outside the Streetlight. <i>JAMA Pediatrics</i> , 2020, 174, 17.	3.3	9
53	Prenatal Omega-3 and Omega-6 Polyunsaturated Fatty Acids and Childhood Atopic Dermatitis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 937-944.	2.0	17
54	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

#	ARTICLE	IF	CITATIONS
55	Exposure to ambient air pollution and early childhood behavior: A longitudinal cohort study. <i>Environmental Research</i> , 2020, 183, 109075.	3.7	29
56	Prenatal polyunsaturated fatty acids and child asthma: Effect modification by maternal asthma and child sex. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 800-807.e4.	1.5	26
57	Child and caregiver executive function in trauma-exposed families: Relations with children's behavioral and cognitive functioning. <i>Journal of Experimental Child Psychology</i> , 2020, 200, 104946.	0.7	5
58	Associations between urinary biomarkers of oxidative stress in the third trimester of pregnancy and behavioral outcomes in the child at 4 years of age. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 272-278.	2.0	12
59	Maternal exposure to childhood traumatic events, but not multi-domain psychosocial stressors, predict placental corticotrophin releasing hormone across pregnancy. <i>Social Science and Medicine</i> , 2020, 266, 113461.	1.8	30
60	Examination of the associations between young children's trauma exposure, trauma-symptomatology, and executive function. <i>Child Abuse and Neglect</i> , 2020, 108, 104635.	1.3	3
61	A combined cohort analysis of prenatal exposure to phthalate mixtures and childhood asthma. <i>Environment International</i> , 2020, 143, 105970.	4.8	39
62	How a Pandemic Could Advance the Science of Early Adversity. <i>JAMA Pediatrics</i> , 2020, 174, 1131.	3.3	20
63	Infant weight-for-length gain associated with autonomic nervous system reactivity. <i>Pediatric Research</i> , 2020, 90, 472-478.	1.1	3
64	Identification of Modifiable Social and Behavioral Factors Associated With Childhood Cognitive Performance. <i>JAMA Pediatrics</i> , 2020, 174, 1063.	3.3	31
65	Prenatal Maternal Objective and Subjective Stress Exposures and Rapid Infant Weight Gain. <i>Journal of Pediatrics</i> , 2020, 222, 45-51.	0.9	14
66	Pregnancy intention and phthalate metabolites among pregnant women in The Infant Development and Environment Study cohort. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 736-743.	0.8	3
67	Family Environment, Neurodevelopmental Risk, and the Environmental Influences on Child Health Outcomes (ECHO) Initiative: Looking Back and Moving Forward. <i>Frontiers in Psychiatry</i> , 2020, 11, 547.	1.3	41
68	Effects of Maternal Dietary Patterns during Pregnancy on Early Childhood Growth Trajectories and Obesity Risk: The CANDLE Study. <i>Nutrients</i> , 2020, 12, 465.	1.7	22
69	Maternal trauma and fear history predict BDNF methylation and gene expression in newborns. <i>PeerJ</i> , 2020, 8, e8858.	0.9	15
70	A Pilot Validation Study of the Newborn Behavioral Observations System: Associations with Salivary Cortisol and Temperament. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2020, 41, 716-723.	0.6	0
71	Associations between multisystem stress reactivity and peer nominated aggression in early childhood vary by sex. <i>Development and Psychopathology</i> , 2020, 32, 1888-1898.	1.4	6
72	Omega-3 fatty acid supplement use and oxidative stress levels in pregnancy. <i>PLoS ONE</i> , 2020, 15, e0240244.	1.1	11

#	ARTICLE	IF	CITATIONS
73	Childhood adversity and women's cardiometabolic health in adulthood: associations with health behaviors, psychological distress, mood symptoms, and personality. <i>BMC Women's Health</i> , 2019, 19, 102.	0.8	8
74	Joint impact of phthalate exposure and stressful life events in pregnancy on preterm birth. <i>Environment International</i> , 2019, 133, 105254.	4.8	39
75	Predictors of Steroid Hormone Concentrations in Early Pregnancy: Results from a Multi-Center Cohort. <i>Maternal and Child Health Journal</i> , 2019, 23, 397-407.	0.7	17
76	Maternal urinary phthalate metabolites in relation to gestational diabetes and glucose intolerance during pregnancy. <i>Environment International</i> , 2019, 123, 588-596.	4.8	75
77	Maternal metabolic factors during pregnancy predict early childhood growth trajectories and obesity risk: the CANDLE Study. <i>International Journal of Obesity</i> , 2019, 43, 1914-1922.	1.6	48
78	The Impact of the Revised WIC Food Package on Maternal Nutrition During Pregnancy and Postpartum. <i>American Journal of Epidemiology</i> , 2019, 188, 1493-1502.	1.6	30
79	Children's biobehavioral reactivity to challenge predicts DNA methylation in adolescence and emerging adulthood. <i>Developmental Science</i> , 2019, 22, e12739.	1.3	6
80	Urinary oxidative stress biomarkers and accelerated time to spontaneous delivery. <i>Free Radical Biology and Medicine</i> , 2019, 130, 419-425.	1.3	24
81	Association of Maternal Social Relationships With Cognitive Development in Early Childhood. <i>JAMA Network Open</i> , 2019, 2, e186963.	2.8	14
82	Measuring socioeconomic adversity in early life. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1267-1277.	0.7	22
83	Differences in Febrile and Respiratory Illnesses in Minority Children: The Sociodemographic Context of Restrictive Parenting. <i>Academic Pediatrics</i> , 2019, 19, 534-541.	1.0	0
84	Effect of prenatal mindfulness training on depressive symptom severity through 18 months postpartum: A latent profile analysis. <i>Journal of Clinical Psychology</i> , 2018, 74, 1117-1125.	1.0	13
85	Association between prenatal psychological stress and oxidative stress during pregnancy. <i>Paediatric and Perinatal Epidemiology</i> , 2018, 32, 318-326.	0.8	41
86	Maternal depressive symptoms and infant healthcare utilization: The moderating role of prenatal mindfulness. <i>General Hospital Psychiatry</i> , 2018, 53, 82-83.	1.2	3
87	Poor Sleep Quality, Psychological Distress, and the Buffering Effect of Mindfulness Training During Pregnancy. <i>Behavioral Sleep Medicine</i> , 2018, 16, 611-624.	1.1	43
88	Basal and reactivity levels of cortisol in one-month-old infants born to overweight or obese mothers from an ethnically and racially diverse, low-income community sample. <i>Psychoneuroendocrinology</i> , 2018, 88, 115-120.	1.3	5
89	Autonomic nervous system functioning assessed during the still-face paradigm: A meta-analysis and systematic review of methods, approach and findings. <i>Developmental Review</i> , 2018, 50, 113-139.	2.6	37
90	The biological embedding of early-life socioeconomic status and family adversity in children's genome-wide DNA methylation. <i>Epigenomics</i> , 2018, 10, 1445-1461.	1.0	92

#	ARTICLE	IF	CITATIONS
91	Association of Prenatal Phthalate Exposure With Language Development in Early Childhood. <i>JAMA Pediatrics</i> , 2018, 172, 1169.	3.3	50
92	Maternal experiences of trauma and hair cortisol in early childhood in a prospective cohort. <i>Psychoneuroendocrinology</i> , 2018, 98, 168-176.	1.3	32
93	The mindful moms training: development of a mindfulness-based intervention to reduce stress and overeating during pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 201.	0.9	50
94	Family Socioeconomic Status, Cortisol, and Physical Health in Early Childhood: The Role of Advantageous Neighborhood Characteristics. <i>Psychosomatic Medicine</i> , 2018, 80, 492-501.	1.3	54
95	Effects of pre- and postnatal maternal stress on infant temperament and autonomic nervous system reactivity and regulation in a diverse, low-income population. <i>Development and Psychopathology</i> , 2017, 29, 1553-1571.	1.4	93
96	Child temperament and teacher relationship interactively predict cortisol expression: The prism of classroom climate. <i>Development and Psychopathology</i> , 2017, 29, 1763-1775.	1.4	8
97	Parent and Child Trauma Symptoms During Childâ€™Parent Psychotherapy: A Prospective Cohort Study of Dyadic Change. <i>Journal of Traumatic Stress</i> , 2017, 30, 690-697.	1.0	38
98	Associations between childhood adversity and daily suppression and avoidance in response to stress in adulthood: can neurobiological sensitivity help explain this relationship?. <i>Anxiety, Stress and Coping</i> , 2017, 30, 163-175.	1.7	19
99	Socioeconomic Disparities in Childhood Obesity Risk: Association With an Oxytocin Receptor Polymorphism. <i>JAMA Pediatrics</i> , 2017, 171, 61.	3.3	36
100	Layered Social Network Analysis Reveals Complex Relationships in Kindergarteners. <i>Frontiers in Psychology</i> , 2016, 7, 276.	1.1	5
101	An epigenetic clock for gestational age at birth based on blood methylation data. <i>Genome Biology</i> , 2016, 17, 206.	3.8	193
102	First trimester phthalate exposure and male newborn genital anomalies. <i>Environmental Research</i> , 2016, 151, 777-782.	3.7	61
103	Participation in the special supplemental nutrition program for women, infants, and children is not associated with early childhood socioemotional development: Results from a longitudinal cohort study. <i>Preventive Medicine Reports</i> , 2016, 4, 507-511.	0.8	4
104	Measuring Cardiac Autonomic Nervous System (ANS) Activity in Toddlers - Resting and Developmental Challenges. <i>Journal of Visualized Experiments</i> , 2016, , 53652.	0.2	14
105	Mechanisms Underlying the Association Between Early-Life Adversity and Physical Health: Charting a Course for the Future. <i>Psychosomatic Medicine</i> , 2016, 78, 1114-1119.	1.3	36
106	The symphonic structure of childhood stress reactivity: Patterns of sympathetic, parasympathetic, and adrenocortical responses to psychological challenge. <i>Development and Psychopathology</i> , 2014, 26, 963-982.	1.4	60
107	Differentiating challenge reactivity from psychomotor activity in studies of childrenâ€™s psychophysiology: Considerations for theory and measurement. <i>Journal of Experimental Child Psychology</i> , 2011, 110, 62-79.	0.7	48
108	The interactive effect of marital conflict and stress reactivity on externalizing and internalizing symptoms: The role of laboratory stressors. <i>Development and Psychopathology</i> , 2011, 23, 101-114.	1.4	178

#	ARTICLE	IF	CITATIONS
109	Kindergarten stressors and cumulative adrenocortical activation: The "first straws" of allostatic load?. <i>Development and Psychopathology</i> , 2011, 23, 1089-1106.	1.4	60
110	Temperament as a moderator of the relation between neighborhood and children's adjustment. <i>Journal of Applied Developmental Psychology</i> , 2010, 31, 351-361.	0.8	36
111	Contextual risk and parenting as predictors of effortful control and social competence in preschool children. <i>Journal of Applied Developmental Psychology</i> , 2007, 28, 40-55.	0.8	333
112	Temperament in context: Infant temperament moderates the relationship between perceived neighborhood quality and behavior problems. <i>Journal of Applied Developmental Psychology</i> , 2006, 27, 456-467.	0.8	20