

Kelly J Brunst

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,032
citations

430442

18
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

2060
citing authors

#	ARTICLE	IF	CITATIONS
1	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	0.9	105
2	Timing and Duration of Traffic-related Air Pollution Exposure and the Risk for Childhood Wheeze and Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 421-427.	2.5	90
3	Programming of respiratory health in childhood. <i>Current Opinion in Pediatrics</i> , 2013, 25, 232-239.	1.0	84
4	Prenatal particulate matter exposure and mitochondrial dysfunction at the maternal-fetal interface: Effect modification by maternal lifetime trauma and child sex. <i>Environment International</i> , 2018, 112, 49-58.	4.8	70
5	Maternal Lifetime Trauma Exposure, Prenatal Cortisol, and Infant Negative Affectivity. <i>Infancy</i> , 2017, 22, 492-513.	0.9	67
6	Maternal Lifetime Stress and Prenatal Psychological Functioning and Decreased Placental Mitochondrial DNA Copy Number in the PRISM Study. <i>American Journal of Epidemiology</i> , 2017, 186, 1227-1236.	1.6	65
7	Forkhead box protein 3 (FOXP3) hypermethylation is associated with diesel exhaust exposure and risk for childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 592-594.e3.	1.5	62
8	Racial/ethnic and sociodemographic factors associated with micronutrient intakes and inadequacies among pregnant women in an urban US population. <i>Public Health Nutrition</i> , 2014, 17, 1960-1970.	1.1	56
9	Reduced gray matter volume and cortical thickness associated with traffic-related air pollution in a longitudinally studied pediatric cohort. <i>PLoS ONE</i> , 2020, 15, e0228092.	1.1	40
10	Cumulative lifetime maternal stress and epigenome-wide placental DNA methylation in the PRISM cohort. <i>Epigenetics</i> , 2018, 13, 665-681.	1.3	37
11	Prenatal fine particulate exposure associated with reduced childhood lung function and nasal epithelia GSTP1 hypermethylation: Sex-specific effects. <i>Respiratory Research</i> , 2018, 19, 76.	1.4	32
12	Myo-inositol mediates the effects of traffic-related air pollution on generalized anxiety symptoms at age 12 years. <i>Environmental Research</i> , 2019, 175, 71-78.	3.7	32
13	Integrating mitochondriomics in children's environmental health. <i>Journal of Applied Toxicology</i> , 2015, 35, 976-991.	1.4	28
14	Unraveling the relationship between aeroallergen sensitization, gender, secondhand smoke exposure, and impaired lung function. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 479-487.	1.1	25
15	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021, 26, 1832-1845.	4.1	24
16	Epigenome-wide cross-tissue predictive modeling and comparison of cord blood and placental methylation in a birth cohort. <i>Epigenomics</i> , 2017, 9, 231-240.	1.0	23
17	Impact of Maternal Lifetime Interpersonal Trauma on Children's Asthma: Mediation Through Maternal Active Asthma During Pregnancy. <i>Psychosomatic Medicine</i> , 2017, 79, 91-100.	1.3	20
18	Maternal Lifetime Trauma and Birthweight: Effect Modification by In Utero Cortisol and Child Sex. <i>Journal of Pediatrics</i> , 2018, 203, 301-308.	0.9	20

#	ARTICLE	IF	CITATIONS
19	Associations among prenatal stress, maternal antioxidant intakes in pregnancy, and child temperament at age 30 months. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 638-648.	0.7	18
20	Validation of a Food Frequency Questionnaire for Estimating Micronutrient Intakes in an Urban US Sample of Multi-Ethnic Pregnant Women. <i>Maternal and Child Health Journal</i> , 2016, 20, 250-260.	0.7	17
21	Impacts of Fluoride Neurotoxicity and Mitochondrial Dysfunction on Cognition and Mental Health: A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12884.	1.2	17
22	Effects of prenatal social stress and maternal dietary fatty acid ratio on infant temperament: Does race matter?. <i>Epidemiology (Sunnyvale, Calif)</i> , 2014, 04, .	0.3	16
23	Children With Dyslexia and Typical Readers: Sex-Based Choline Differences Revealed Using Proton Magnetic Resonance Spectroscopy Acquired Within Anterior Cingulate Cortex. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 466.	1.0	12
24	Secondhand smoke and traffic exhaust confer opposing risks for asthma in normal and overweight children. <i>Obesity</i> , 2015, 23, 32-36.	1.5	11
25	Associations Between Maternal Lifetime Stress and Placental Mitochondrial DNA Mutations in an Urban Multiethnic Cohort. <i>Biological Psychiatry</i> , 2021, 89, 570-578.	0.7	11
26	Prenatal Exposure to PM2.5 and Cardiac Vagal Tone during Infancy: Findings from a Multiethnic Birth Cohort. <i>Environmental Health Perspectives</i> , 2019, 127, 107007.	2.8	10
27	Disentangling Associations Among Maternal Lifetime and Prenatal Stress, Psychological Functioning During Pregnancy, Maternal Race/Ethnicity, and Infant Negative Affectivity at Age 6 Months: A Mixtures Approach. <i>Health Equity</i> , 2020, 4, 489-499.	0.8	9
28	Placental mitochondrial DNA mutational load and perinatal outcomes: Findings from a multi-ethnic pregnancy cohort. <i>Mitochondrion</i> , 2021, 59, 267-275.	1.6	8
29	Prenatal particulate matter exposure and mitochondrial mutational load at the maternal-fetal interface: Effect modification by genetic ancestry. <i>Mitochondrion</i> , 2022, 62, 102-110.	1.6	8
30	Greater reading gain following intervention is associated with low magnetic resonance spectroscopy derived concentrations in the anterior cingulate cortex in children with dyslexia. <i>Brain Research</i> , 2021, 1759, 147386.	1.1	7
31	Fluoride exposure during early adolescence and its association with internalizing symptoms. <i>Environmental Research</i> , 2022, 204, 112296.	3.7	5
32	Mental and Physical Stress Responses to Personal Ultrafine Particle Exposure in Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7509.	1.2	3
33	Role of Traffic-Related Air Pollution on Brain Metabolism and Generalized Anxiety in Adolescents. <i>Annals of Epidemiology</i> , 2018, 28, 660.	0.9	0
34	Fluoride exposure and internalizing symptoms in adolescents in a United States cohort. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
35	Environmental Exposure to Traffic Pollution and Motor Function in Adolescence. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0