

Birgit G Claus Henn

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

2,492
citations

24
h-index

49
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62
ext. papers

3,459
ext. citations

7
avg, IF

5.09
L-index

#	Paper	IF	Citations
58	Bayesian kernel machine regression for estimating the health effects of multi-pollutant mixtures. <i>Biostatistics</i> , 2015 , 16, 493-508	3.7	382
57	Early postnatal blood manganese levels and children's neurodevelopment. <i>Epidemiology</i> , 2010 , 21, 433-9.	3.1	189
56	Measurement of pesticides and other toxicants in amniotic fluid as a potential biomarker of prenatal exposure: a validation study. <i>Environmental Health Perspectives</i> , 2003 , 111, 1779-82	8.4	181
55	Statistical software for analyzing the health effects of multiple concurrent exposures via Bayesian kernel machine regression. <i>Environmental Health</i> , 2018 , 17, 67	6	175
54	Perinatal and Childhood Exposure to Cadmium, Manganese, and Metal Mixtures and Effects on Cognition and Behavior: A Review of Recent Literature. <i>Current Environmental Health Reports</i> , 2015 , 2, 284-94	6.5	154
53	The Joint Effect of Prenatal Exposure to Metal Mixtures on Neurodevelopmental Outcomes at 20-40 Months of Age: Evidence from Rural Bangladesh. <i>Environmental Health Perspectives</i> , 2017 , 125, 067015	8.4	145
52	Associations of early childhood manganese and lead coexposure with neurodevelopment. <i>Environmental Health Perspectives</i> , 2012 , 120, 126-31	8.4	138
51	Pesticides and their metabolites in the homes and urine of farmworker children living in the Salinas Valley, CA. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007 , 17, 331-49	6.7	134
50	Chemical mixtures and children's health. <i>Current Opinion in Pediatrics</i> , 2014 , 26, 223-9	3.2	90
49	Association of prenatal urinary phthalate metabolite concentrations and childhood BMI and obesity. <i>Pediatric Research</i> , 2017 , 82, 405-415	3.2	85
48	Associations between urinary diphenyl phosphate and thyroid function. <i>Environment International</i> , 2017 , 101, 158-164	12.9	80
47	Neurotoxic Metal Coexposures: Claus Henn et al. Respond. <i>Environmental Health Perspectives</i> , 2012 , 120,	8.4	78
46	Prenatal Arsenic Exposure and Birth Outcomes among a Population Residing near a Mining-Related Superfund Site. <i>Environmental Health Perspectives</i> , 2016 , 124, 1308-15	8.4	56
45	Exposure to Mixtures of Metals and Neurodevelopmental Outcomes: A Multidisciplinary Review Using an Adverse Outcome Pathway Framework. <i>Risk Analysis</i> , 2015 , 35, 971-1016	3.9	55
44	Maternal and Cord Blood Manganese Concentrations and Early Childhood Neurodevelopment among Residents near a Mining-Impacted Superfund Site. <i>Environmental Health Perspectives</i> , 2017 , 125, 067020	8.4	45
43	Associations of iron metabolism genes with blood manganese levels: a population-based study with validation data from animal models. <i>Environmental Health</i> , 2011 , 10, 97	6	43
42	Manganese in teeth and neurobehavior: Sex-specific windows of susceptibility. <i>Environment International</i> , 2017 , 108, 299-308	12.9	37

41	Maternal Plasma per- and Polyfluoroalkyl Substance Concentrations in Early Pregnancy and Maternal and Neonatal Thyroid Function in a Prospective Birth Cohort: Project Viva (USA). <i>Environmental Health Perspectives</i> , 2018 , 126, 027013	8.4	37
40	Dentine biomarkers of prenatal and early childhood exposure to manganese, zinc and lead and childhood behavior. <i>Environment International</i> , 2018 , 121, 148-158	12.9	37
39	Prenatal exposure to per- and polyfluoroalkyl substances and maternal and neonatal thyroid function in the Project Viva Cohort: A mixtures approach. <i>Environment International</i> , 2020 , 139, 105728	12.9	31
38	Sex differences in sensitivity to prenatal and early childhood manganese exposure on neuromotor function in adolescents. <i>Environmental Research</i> , 2017 , 159, 458-465	7.9	30
37	Uncovering neurodevelopmental windows of susceptibility to manganese exposure using dentine microspatial analyses. <i>Environmental Research</i> , 2018 , 161, 588-598	7.9	27
36	Associations of a Metal Mixture Measured in Multiple Biomarkers with IQ: Evidence from Italian Adolescents Living near Ferroalloy Industry. <i>Environmental Health Perspectives</i> , 2020 , 128, 97002	8.4	27
35	Lagged kernel machine regression for identifying time windows of susceptibility to exposures of complex mixtures. <i>Biostatistics</i> , 2018 , 19, 325-341	3.7	25
34	Bayesian varying coefficient kernel machine regression to assess neurodevelopmental trajectories associated with exposure to complex mixtures. <i>Statistics in Medicine</i> , 2018 , 37, 4680-4694	2.3	23
33	Assessing the contributions of metals in environmental media to exposure biomarkers in a region of ferroalloy industry. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019 , 29, 674-687	6.7	22
32	Prenatal Metal Mixtures and Birth Weight for Gestational Age in a Predominately Lower-Income Hispanic Pregnancy Cohort in Los Angeles. <i>Environmental Health Perspectives</i> , 2020 , 128, 117001	8.4	21
31	Prenatal lead exposure and childhood executive function and behavioral difficulties in project viva. <i>NeuroToxicology</i> , 2019 , 75, 105-115	4.4	17
30	Genome-wide gene by lead exposure interaction analysis identifies UNC5D as a candidate gene for neurodevelopment. <i>Environmental Health</i> , 2017 , 16, 81	6	14
29	Maternal blood arsenic levels and associations with birth weight-for-gestational age. <i>Environmental Research</i> , 2019 , 177, 108603	7.9	13
28	Modeling the health effects of time-varying complex environmental mixtures: Mean field variational Bayes for lagged kernel machine regression. <i>Environmetrics</i> , 2018 , 29, e2504	1.3	12
27	Evaluating associations between early pregnancy trace elements mixture and 2nd trimester gestational glucose levels: A comparison of three statistical approaches. <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 224, 113446	6.9	11
26	Incidence of uterine leiomyoma in relation to urinary concentrations of phthalate and phthalate alternative biomarkers: A prospective ultrasound study. <i>Environment International</i> , 2021 , 147, 106218	12.9	9
25	Multi-media biomarkers: Integrating information to improve lead exposure assessment. <i>Environmental Research</i> , 2020 , 183, 109148	7.9	8
24	Prenatal metal mixtures and fetal size in mid-pregnancy in the MADRES study. <i>Environmental Research</i> , 2021 , 196, 110388	7.9	6

23	Early pregnancy exposure to metal mixture and birth outcomes - A prospective study in Project Viva. <i>Environment International</i> , 2021 , 156, 106714	12.9	6
22	Integrated measures of lead and manganese exposure improve estimation of their joint effects on cognition in Italian school-age children. <i>Environment International</i> , 2021 , 146, 106312	12.9	5
21	Associations of metals and neurodevelopment: a review of recent evidence on susceptibility factors. <i>Current Epidemiology Reports</i> , 2020 , 7, 237-262	2.9	4
20	Correlates of plasma concentrations of brominated flame retardants in a cohort of U.S. Black women residing in the Detroit, Michigan metropolitan area. <i>Science of the Total Environment</i> , 2020 , 714, 136777	10.2	4
19	Correlates of urinary concentrations of phthalate and phthalate alternative metabolites among reproductive-aged Black women from Detroit, Michigan. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 , 31, 461-475	6.7	4
18	Validation of Electrochemical Sensor for Determination of Manganese in Drinking Water. <i>Environmental Science & Technology</i> , 2021 , 55, 7501-7509	10.3	4
17	Identification of novel loci associated with infant cognitive ability. <i>Molecular Psychiatry</i> , 2020 , 25, 3010-3019	10.1	4
16	Altered lipid homeostasis in a PCB-resistant Atlantic killifish (<i>Fundulus heteroclitus</i>) population from New Bedford Harbor, MA, U.S.A. <i>Aquatic Toxicology</i> , 2019 , 210, 30-43	5.1	3
15	Correlates of organochlorine pesticide plasma concentrations among reproductive-aged black women. <i>Environmental Research</i> , 2020 , 184, 109352	7.9	3
14	Integrated Assessment of Shallow-Aquifer Vulnerability to Multiple Contaminants and Drinking-Water Exposure Pathways in Holliston, Massachusetts. <i>Water (Switzerland)</i> , 2018 , 10, 23	3	3
13	Correlates of Persistent Endocrine-Disrupting Chemical Mixtures among Reproductive-Aged Black Women. <i>Environmental Science & Technology</i> , 2021 , 55, 14000-14014	10.3	2
12	Early pregnancy essential and non-essential metal mixtures and gestational glucose concentrations in the 2nd trimester: Results from project viva. <i>Environment International</i> , 2021 , 155, 106690	12.9	2
11	Critical windows of susceptibility in the association between manganese and neurocognition in Italian adolescents living near ferro-manganese industry. <i>NeuroToxicology</i> , 2021 , 87, 51-61	4.4	2
10	Correlates of plasma concentrations of per- and poly-fluoroalkyl substances among reproductive-aged Black women. <i>Environmental Research</i> , 2022 , 203, 111860	7.9	2
9	Bayesian kernel machine regression-causal mediation analysis.. <i>Statistics in Medicine</i> , 2022 ,	2.3	1
8	Joint Associations of Multiple Dietary Components With Cardiovascular Disease Risk: A Machine-Learning Approach. <i>American Journal of Epidemiology</i> , 2021 , 190, 1353-1365	3.8	1
7	Urinary concentrations of phenols, parabens, and triclocarban in relation to uterine leiomyomata incidence and growth. <i>Fertility and Sterility</i> , 2021 , 116, 1590-1600	4.8	1
6	Prenatal exposure to a mixture of elements and neurobehavioral outcomes in mid-childhood: Results from Project Viva. <i>Environmental Research</i> , 2021 , 201, 111540	7.9	1

5	Prospective associations of mid-childhood plasma per- and polyfluoroalkyl substances and pubertal timing. <i>Environment International</i> , 2021 , 156, 106729	12.9	1
4	Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood. <i>Environmental Health Perspectives</i> , 2021 , 129, 117007	8.4	0
3	Brominated flame retardants and organochlorine pesticides and incidence of uterine leiomyomata: A prospective ultrasound study. <i>Environmental Epidemiology</i> , 2021 , 5, e127	0.2	0
2	A Prospective Ultrasound Study of Plasma Polychlorinated Biphenyl Concentrations and Incidence of Uterine Leiomyomata. <i>Epidemiology</i> , 2021 , 32, 259-267	3.1	0
1	Correlates of non-persistent endocrine disrupting chemical mixtures among reproductive-aged Black women in Detroit, Michigan.. <i>Chemosphere</i> , 2022 , 134447	8.4	0