Julia M Gohlke

List of Publications by Year
in descending order

74	1,949	257450 24	265206 42
papers	citations	h-index	g-index

76	76	76	2904
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heat waves in the United States: definitions, patterns and trends. Climatic Change, 2013, 118, 811-825.	3.6	241
2	Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA). Journal of Epidemiology and Community Health, 2016, 70, 741-745.	3.7	138
3	Heat Waves and Health Outcomes in Alabama (USA): The Importance of Heat Wave Definition. Environmental Health Perspectives, 2014, 122, 151-158.	6.0	131
4	Opportunities and Challenges for Personal Heat Exposure Research. Environmental Health Perspectives, 2017, 125, 085001.	6.0	110
5	Characterization of the proneural gene regulatory network during mouse telencephalon development. BMC Biology, 2008, 6, 15.	3.8	95
6	Measuring personal heat exposure in an urban and rural environment. Environmental Research, 2015, 137, 410-418.	7.5	83
7	A Review of Seafood Safety after the Deepwater Horizon Blowout. Environmental Health Perspectives, 2011, 119, 1062-1069.	6.0	79
8	Voluntary exercise protects hippocampal neurons from trimethyltin injury: Possible role of interleukin-6 to modulate tumor necrosis factor receptor-mediated neurotoxicity. Brain, Behavior, and Immunity, 2011, 25, 1063-1077.	4.1	73
9	Genetic and environmental pathways to complex diseases. BMC Systems Biology, 2009, 3, 46.	3.0	65
10	Area-level risk factors for adverse birth outcomes: trends in urban and rural settings. BMC Pregnancy and Childbirth, 2013, 13, 129.	2.4	64
11	Temperature and heat in informal settlements in Nairobi. PLoS ONE, 2017, 12, e0187300.	2.5	50
12	Computational Models of Neocortical Neuronogenesis and Programmed Cell Death in the Developing Mouse, Monkey, and Human. Cerebral Cortex, 2007, 17, 2433-2442.	2.9	48
13	Assessing the health benefits of air pollution reduction for children.. Environmental Health Perspectives, 2004, 112, 226-232.	6.0	39
14	A Systems-Based Computational Model for Dose-Response Comparisons of Two Mode of Action Hypotheses for Ethanol-Induced Neurodevelopmental Toxicity. Toxicological Sciences, 2005, 86, 470-484.	3.1	39
15	Choosing the right path: enhancement of biologically relevant sets of genes or proteins using pathway structure. Genome Biology, 2009, 10, R44.	9.6	36
16	Aging in Flood-Prone Coastal Areas: Discerning the Health and Well-Being Risk for Older Residents. International Journal of Environmental Research and Public Health, 2018, 15, 2900.	2.6	33
17	Heat waves and fatal traffic crashes in the continental United States. Accident Analysis and Prevention, 2018, 119, 195-201.	5.7	32
18	The role of cell death during neocortical neurogenesis and synaptogenesis: implications from a computational model for the rat and mouse. Developmental Brain Research, 2004, 151, 43-54.	1.7	31

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19	Computational models of ethanolâ€induced neurodevelopmental toxicity across species: Implications for risk assessment. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2008, 83, 1-11.	1.4	31
20	Environmental health disparities in the Central Appalachian region of the United States. Reviews on Environmental Health, 2017, 32, 253-266.	2.4	30
21	AhR-mediated gene expression in the developing mouse telencephalon. Reproductive Toxicology, 2009, 28, 321-328.	2.9	29
22	Estimating the Global Public Health Implications of Electricity and Coal Consumption. Environmental Health Perspectives, 2011, 119, 821-826.	6.0	29
23	Contaminant Levels in Gulf of Mexico Reef Fish after the Deepwater Horizon Oil Spill As Measured by a Fishermen-Led Testing Program. Environmental Science & Technology, 2014, 48, 1993-2000.	10.0	26
24	Recent advances in understanding and mitigating adipogenic and metabolic effects of antipsychotic drugs. Frontiers in Psychiatry, 2012, 3, 62.	2.6	25
25	Spatiotemporal association between birth outcomes and coke production and steel making facilities in Alabama, USA: a cross-sectional study. Environmental Health, 2014, 13, 85.	4.0	21
26	Identifying environmental health priorities in underserved populations: a study of rural versus urban communities. Public Health, 2013, 127, 994-1004.	2.9	19
27	Effects of fluctuating temperature and food availability on reproduction and lifespan. Experimental Gerontology, 2016, 86, 62-72.	2.8	18
28	Methods for Estimating Wet Bulb Globe Temperature From Remote and Lowâ€Cost Data: A Comparative Study in Central Alabama. GeoHealth, 2020, 4, e2019GH000231.	4.0	18
29	A Computational Model for Neocortical Neuronogenesis Predicts Ethanol-Induced Neocortical Neuron Number Deficits. Developmental Neuroscience, 2002, 24, 467-477.	2.0	18
30	The Forest for the Trees: A Systems Approach to Human Health Research. Environmental Health Perspectives, 2007, 115, 1261-1263.	6.0	17
31	Aging and energeticsâ€™ â€˜Top 40â€™ future research opportunities 2010-2013. F1000Research, 2014, 3, 219.	1.6	17
32	Estimating the Global Public Health Implications of Electricity andCoal Consumption. Environmental Health Perspectives, 2011, 119, 821-826.	6.0	16
33	Estimating Occupational Heat Exposure From Personal Sampling of Public Works Employees in Birmingham, Alabama. Journal of Occupational and Environmental Medicine, 2019, 61, 518-524.	1.7	16
34	Emergency department visits associated with satellite observed flooding during and following Hurricane Harvey. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 832-841.	3.9	15
35	Global Health Impacts for Economic Models of Climate Change: A Systematic Review and Meta-Analysis. Annals of the American Thoracic Society, 2022, 19, 1203-1212.	3.2	14
36	Effects of Indoor Thermal Environment on Human Food Intake, Productivity, and Comfort: Pilot, Randomized, Crossover Trial. Obesity, 2018, 26, 1826-1833.	3.0	11

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37	Potential for city parks to reduce exposure to BTEX in air. Environmental Sciences: Processes and Impacts, 2019, 21, 40-50.	3.5	11
38	Children and adults are exposed to dual risks from ingestion of water and inhalation of ultrasonic humidifier particles from Pb-containing water. Science of the Total Environment, 2021, 791, 148248.	8.0	11
39	Health, Economy, and Environment: Sustainable Energy Choices for a Nation. Environmental Health Perspectives, 2008, 116, A236-7.	6.0	10
40	Effects of early life exposure to methylmercury in Daphnia pulex on standard and reduced food ration. Reproductive Toxicology, 2014, 49, 219-225.	2.9	10
41	Influence of the Spatial Resolution of the Exposure Estimate in Determining the Association between Heat Waves and Adverse Health Outcomes. Annals of the American Association of Geographers, 2019, 109, 875-886.	2.2	10
42	Characterization of heat index experienced by individuals residing in urban and rural settings. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 641-653.	3.9	10
43	Climate change and physical activity: ambient temperature and urban trail use in Texas. International Journal of Biometeorology, 2022, 66, 1575-1588.	3.0	10
44	Modeling developmental processes in animals: applications in neurodevelopmental toxicology. Environmental Toxicology and Pharmacology, 2005, 19, 615-624.	4.0	8
45	Warm Ambient Temperature Decreases Food Intake in a Simulated Office Setting: A Pilot Randomized Controlled Trial. Frontiers in Nutrition, 2015, 2, 20.	3.7	8
46	Estimation of human health risk from exposure to methylmercury via fish consumption in Ghana. Journal of Health and Pollution, 2014, 4, 18-25.	1.8	8
47	Flooding and emergency department visits: Effect modification by the CDC/ATSDR Social Vulnerability Index. International Journal of Disaster Risk Reduction, 2022, 76, 102986.	3.9	8
48	Incorporating occupational risk in heat stress vulnerability mapping. Journal of Environmental Health, 2014, 77, 16-22.	0.5	7
49	Environmental Predictors of US County Mortality Patterns on a National Basis. PLoS ONE, 2015, 10, e0137832.	2.5	6
50	Post-deepwater horizon blowout seafood consumption patterns and community-specific levels of concern for selected chemicals among children in Mobile County, Alabama. International Journal of Hygiene and Environmental Health, 2017, 220, 1-7.	4.3	6
51	Effect Modification by Environmental Quality on the Association between Heatwaves and Mortality in Alabama, United States. International Journal of Environmental Research and Public Health, 2017, 14, 1143.	2.6	6
52	Maternal proximity to Central Appalachia surface mining and birth outcomes. Environmental Epidemiology, 2021, 5, e128.	3.0	6
53	The effect of time spent outdoors during summer on daily blood glucose and steps in women with type 2 diabetes. Journal of Behavioral Medicine, 2020, 43, 783-790.	2.1	5
54	Bayesian auxiliary variable model for birth records data with qualitative and quantitative responses. Journal of Statistical Computation and Simulation, 2021, 91, 3283-3303.	1.2	5

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55	Human Health in Coalfield Communities of Appalachia. , 2021, , 311-336.		5
56	Environmental Heat Exposure Among Pet Dogs in Rural and Urban Settings in the Southern United States. Frontiers in Veterinary Science, 2021, 8, 742926.	2.2	5
57	Influence of maternal age on the effects of seleno-l-methionine in the model organism Daphnia pulex under standard and heat stress conditions. Reproductive Toxicology, 2018, 75, 1-9.	2.9	4
58	A systems-based computational model of alcohol's toxic effects on brain development. Alcohol Research, 2008, 31, 76-83.	1.0	4
59	Environmental Health Priorities of Residents and Environmental Health Professionals: Implications for Improving Environmental Health Services in Rural Versus Urban Communities. Journal of Environmental Health, 2017, 80, 28-36.	0.5	4
60	The effect of a low iron diet and early life methylmercury exposure in Daphnia pulex. Food and Chemical Toxicology, 2016, 89, 112-119.	3.6	3
61	Estimating changes in emergency department visits associated with floods caused by Tropical Storm Imelda using satellite observations and syndromic surveillance. Health and Place, 2022, 74, 102757.	3.3	3
62	Identifying exposure pathways mediating adverse birth outcomes near active surface mines in Central Appalachia. Environmental Epidemiology, 2022, 6, e208.	3.0	3
63	Evidence for Obesogens: Interpretations and Next Steps. Obesity, 2013, 21, 1077-1078.	3.0	2
64	Living close to a major roadway, particulate matter exposure, and adiposity. Obesity, 2016, 24, 2449-2449.	3.0	2
65	Post-Deepwater Horizon Oil Spill Exposure Patterns Among Children in Mobile County, Alabama. Journal of Occupational and Environmental Medicine, 2017, 59, 993-999.	1.7	2
66	Effect of an Additional 30 Minutes Spent Outdoors during Summer on Daily Steps and Individually Experienced Heat Index. International Journal of Environmental Research and Public Health, 2020, 17, 7558.	2.6	2
67	Building Interdisciplinary Partnerships for Community-Engaged Environmental Health Research in Appalachian Virginia. International Journal of Environmental Research and Public Health, 2020, 17, 1695.	2.6	2
68	Heat-Health Behavior Change During Summer 2020 in African American Alabama Residents. American Journal of Public Health, 2021, 111, 1443-1447.	2.7	2
69	A community-engaged approach to understanding environmental health concerns and solutions in urban and rural communities. BMC Public Health, 2021, 21, 1738.	2.9	2
70	Experimental Approaches to Evaluate Mechanisms of Developmental Toxicity. , 2005, , 15-60.		2
71	Neurotoxic and Neurotrophic Effects ofÂGABAergic Agents on the DevelopingÂBrain. , 2018, , 75-83.		0
72	Geological data and outreach methods for designing targeted home radon testing programs. Environmental Earth Sciences, 2019, 78, 1.	2.7	0

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73	Experimental approaches to evaluate mechanisms of developmental toxicity. , 2011, , 10-44.		0
74	Life Cycle Analysis and Global Environmental Health Issues. Journal of Health and Pollution, 2015, 5, 1-2.	1.8	0