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	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
2	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
3	Identifying exposure pathways mediating adverse birth outcomes near active surface mines in Central Appalachia. Environmental Epidemiology, 2022, 6, e208.	3.0	3
4	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
5	Climate change and physical activity: ambient temperature and urban trail use in Texas. International Journal of Biometeorology, 2022, 66, 1575-1588.	3.0	10
6	Maternal proximity to Central Appalachia surface mining and birth outcomes. Environmental Epidemiology, 2021, 5, e128.	3.0	6
7	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
8	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
9	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
10	Heat-Health Behavior Change During Summer 2020 in African American Alabama Residents. American Journal of Public Health, 2021, 111, 1443-1447.	2.7	2
11	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
12	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
13	Human Health in Coalfield Communities of Appalachia. , 2021, , 311-336.		5
14	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
15	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
16	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
17	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
18	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

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19	Potential for city parks to reduce exposure to BTEX in air. Environmental Sciences: Processes and Impacts, 2019, 21, 40-50.	3.5	11
20	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
21	Geological data and outreach methods for designing targeted home radon testing programs. Environmental Earth Sciences, 2019, 78, 1.	2.7	0
22	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
23	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
24	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
25	Effects of Indoor Thermal Environment on Human Food Intake, Productivity, and Comfort: Pilot, Randomized, Crossover Trial. Obesity, 2018, 26, 1826-1833.	3.0	11
26	Heat waves and fatal traffic crashes in the continental United States. Accident Analysis and Prevention, 2018, 119, 195-201.	5.7	32
27	Neurotoxic and Neurotrophic Effects ofÂGABAergic Agents on the DevelopingÂBrain. , 2018, , 75-83.		0
28	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
29	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
30	Environmental health disparities in the Central Appalachian region of the United States. Reviews on Environmental Health, 2017, 32, 253-266.	2.4	30
31	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
32	Temperature and heat in informal settlements in Nairobi. PLoS ONE, 2017, 12, e0187300.	2.5	50
33	Opportunities and Challenges for Personal Heat Exposure Research. Environmental Health Perspectives, 2017, 125, 085001.	6.0	110
34	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
35	Effects of fluctuating temperature and food availability on reproduction and lifespan. Experimental Gerontology, 2016, 86, 62-72.	2.8	18
36	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

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37	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
38	Living close to a major roadway, particulate matter exposure, and adiposity. Obesity, 2016, 24, 2449-2449.	3.0	2
39	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
40	Environmental Predictors of US County Mortality Patterns on a National Basis. PLoS ONE, 2015, 10, e0137832.	2.5	6
41	Measuring personal heat exposure in an urban and rural environment. Environmental Research, 2015, 137, 410-418.	7.5	83
42	Life Cycle Analysis and Global Environmental Health Issues. Journal of Health and Pollution, 2015, 5, 1-2.	1.8	0
43	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
44	Heat Waves and Health Outcomes in Alabama (USA): The Importance of Heat Wave Definition. Environmental Health Perspectives, 2014, 122, 151-158.	6.0	131
45	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
46	Aging and energeticsâ€™ â€˜Top 40â€™ future research opportunities 2010-2013. F1000Research, 2014, 3, 219.	1.6	17
47	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
48	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
49	Incorporating occupational risk in heat stress vulnerability mapping. Journal of Environmental Health, 2014, 77, 16-22.	0.5	7
50	Area-level risk factors for adverse birth outcomes: trends in urban and rural settings. BMC Pregnancy and Childbirth, 2013, 13, 129.	2.4	64
51	Evidence for Obesogens: Interpretations and Next Steps. Obesity, 2013, 21, 1077-1078.	3.0	2
52	Identifying environmental health priorities in underserved populations: a study of rural versus urban communities. Public Health, 2013, 127, 994-1004.	2.9	19
53	Heat waves in the United States: definitions, patterns and trends. Climatic Change, 2013, 118, 811-825.	3.6	241
54	Recent advances in understanding and mitigating adipogenic and metabolic effects of antipsychotic drugs. Frontiers in Psychiatry, 2012, 3, 62.	2.6	25

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55	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
56	Estimating the Global Public Health Implications of Electricity andCoal Consumption. Environmental Health Perspectives, 2011, 119, 821-826.	6.0	16
57	A Review of Seafood Safety after the Deepwater Horizon Blowout. Environmental Health Perspectives, 2011, 119, 1062-1069.	6.0	79
58	Estimating the Global Public Health Implications of Electricity and Coal Consumption. Environmental Health Perspectives, 2011, 119, 821-826.	6.0	29
59	Experimental approaches to evaluate mechanisms of developmental toxicity. , 2011, , 10-44.		0
60	AhR-mediated gene expression in the developing mouse telencephalon. Reproductive Toxicology, 2009, 28, 321-328.	2.9	29
61	Genetic and environmental pathways to complex diseases. BMC Systems Biology, 2009, 3, 46.	3.0	65
62	Choosing the right path: enhancement of biologically relevant sets of genes or proteins using pathway structure. Genome Biology, 2009, 10, R44.	9.6	36
63	Characterization of the proneural gene regulatory network during mouse telencephalon development. BMC Biology, 2008, 6, 15.	3.8	95
64	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
65	Health, Economy, and Environment: Sustainable Energy Choices for a Nation. Environmental Health Perspectives, 2008, 116, A236-7.	6.0	10
66	A systems-based computational model of alcohol's toxic effects on brain development. Alcohol Research, 2008, 31, 76-83.	1.0	4
67	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
68	The Forest for the Trees: A Systems Approach to Human Health Research. Environmental Health Perspectives, 2007, 115, 1261-1263.	6.0	17
69	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
70	Modeling developmental processes in animals: applications in neurodevelopmental toxicology. Environmental Toxicology and Pharmacology, 2005, 19, 615-624.	4.0	8
71	Experimental Approaches to Evaluate Mechanisms of Developmental Toxicity. , 2005, , 15-60.		2
72	Assessing the health benefits of air pollution reduction for children.. Environmental Health Perspectives, 2004, 112, 226-232.	6.0	39

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73	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
74	A Computational Model for Neocortical Neuronogenesis Predicts Ethanol-Induced Neocortical Neuron Number Deficits. Developmental Neuroscience, 2002, 24, 467-477.	2.0	18