

Erin N Haynes

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,981
citations

185998

28
h-index

253896

43
g-index

71
all docs

71
docs citations

71
times ranked

2882
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain manganese and the balance between essential roles and neurotoxicity. <i>Journal of Biological Chemistry</i> , 2020, 295, 6312-6329.	1.6	164
2	Altered myelination and axonal integrity in adults with childhood lead exposure: A diffusion tensor imaging study. <i>NeuroToxicology</i> , 2009, 30, 867-875.	1.4	104
3	Exposure of Firefighters to Particulates and Polycyclic Aromatic Hydrocarbons. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, D85-D91.	0.4	101
4	Manganese Exposure and Neurocognitive Outcomes in Rural School-Age Children: The Communities Actively Researching Exposure Study (Ohio, USA). <i>Environmental Health Perspectives</i> , 2015, 123, 1066-1071.	2.8	101
5	Determination of Lead with a Copper-Based Electrochemical Sensor. <i>Analytical Chemistry</i> , 2017, 89, 3345-3352.	3.2	101
6	Air Pollution and Stillbirth Risk: Exposure to Airborne Particulate Matter during Pregnancy Is Associated with Fetal Death. <i>PLoS ONE</i> , 2015, 10, e0120594.	1.1	82
7	Exposure to airborne particulate matter during pregnancy is associated with preterm birth: a population-based cohort study. <i>Environmental Health</i> , 2016, 15, 6.	1.7	80
8	Biomarkers of Obesity and Subsequent Cardiovascular Events. <i>Epidemiologic Reviews</i> , 2007, 29, 98-114.	1.3	77
9	Lab-on-a-chip sensor for detection of highly electronegative heavy metals by anodic stripping voltammetry. <i>Biomedical Microdevices</i> , 2011, 13, 695-703.	1.4	72
10	Exposure to airborne metals and particulate matter and risk for youth adjudicated for criminal activity. <i>Environmental Research</i> , 2011, 111, 1243-1248.	3.7	59
11	Environmental manganese exposure in residents living near a ferromanganese refinery in Southeast Ohio: A pilot study. <i>NeuroToxicology</i> , 2010, 31, 468-474.	1.4	56
12	Discovery of common chemical exposures across three continents using silicone wristbands. <i>Royal Society Open Science</i> , 2019, 6, 181836.	1.1	56
13	Environmental and individual PAH exposures near rural natural gas extraction. <i>Environmental Pollution</i> , 2018, 241, 397-405.	3.7	54
14	Emissions of Polycyclic Aromatic Hydrocarbons from Natural Gas Extraction into Air. <i>Environmental Science & Technology</i> , 2016, 50, 7921-7929.	4.6	51
15	Assessment of personal exposure to manganese in children living near a ferromanganese refinery. <i>Science of the Total Environment</i> , 2012, 427-428, 19-25.	3.9	48
16	Childhood exposure to manganese and postural instability in children living near a ferromanganese refinery in Southeastern Ohio. <i>Neurotoxicology and Teratology</i> , 2014, 41, 71-79.	1.2	42
17	Manganese Exposure and Cognition Across the Lifespan: Contemporary Review and Argument for Biphasic Dose-Response Health Effects. <i>Current Environmental Health Reports</i> , 2016, 3, 392-404.	3.2	41
18	Developing a Bidirectional Academic-Community Partnership with an Appalachian-American Community for Environmental Health Research and Risk Communication. <i>Environmental Health Perspectives</i> , 2011, 119, 1364-1372.	2.8	40

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19	Clinical and Translational Scientist Career Success: Metrics for Evaluation. <i>Clinical and Translational Science</i> , 2012, 5, 400-407.	1.5	40
20	Impact of air manganese on child neurodevelopment in East Liverpool, Ohio. <i>NeuroToxicology</i> , 2018, 64, 94-102.	1.4	40
21	Vitamin D receptor Fok1 polymorphism and blood lead concentration in children.. <i>Environmental Health Perspectives</i> , 2003, 111, 1665-1669.	2.8	38
22	Hypomethylation of Dual Specificity Phosphatase 22 Promoter Correlates With Duration of Service in Firefighters and Is Inducible by Low-Dose Benzo[a]Pyrene. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 774-780.	0.9	38
23	Periconception Exposure to Air Pollution and Risk of Congenital Malformations. <i>Journal of Pediatrics</i> , 2018, 193, 76-84.e6.	0.9	36
24	Effect of Chronic Low Level Manganese Exposure on Postural Balance: A Pilot Study of Residents in Southern Ohio. <i>Journal of Occupational and Environmental Medicine</i> , 2008, 50, 1421-1429.	0.9	35
25	The effect of interior lead hazard controls on children's blood lead concentrations: a systematic evaluation.. <i>Environmental Health Perspectives</i> , 2002, 110, 103-107.	2.8	34
26	Copper-Based Electrochemical Sensor with Palladium Electrode for Cathodic Stripping Voltammetry of Manganese. <i>Analytical Chemistry</i> , 2014, 86, 12070-12077.	3.2	32
27	Impact of Natural Gas Extraction on PAH Levels in Ambient Air. <i>Environmental Science & Technology</i> , 2015, 49, 5203-5210.	4.6	31
28	Trimester specific PM2.5 exposure and fetal growth in Ohio, 2007-2010. <i>Environmental Research</i> , 2019, 171, 111-118.	3.7	29
29	Psychosocial implications of unconventional natural gas development: Quality of life in Ohio's Guernsey and Noble Counties. <i>Journal of Environmental Psychology</i> , 2018, 55, 90-98.	2.3	28
30	Determination of Manganese by Cathodic Stripping Voltammetry on a Microfabricated Platinum Thin-film Electrode. <i>Electroanalysis</i> , 2017, 29, 686-695.	1.5	21
31	Community Engagement and Data Disclosure in Environmental Health Research. <i>Environmental Health Perspectives</i> , 2016, 124, A24-7.	2.8	20
32	Manganese Exposure and Neurologic Outcomes in Adult Populations. <i>Neurologic Clinics</i> , 2020, 38, 913-936.	0.8	17
33	Secondhand Tobacco Smoke Exposure and Neuromotor Function in Rural Children. <i>Journal of Pediatrics</i> , 2015, 167, 253-259.e1.	0.9	16
34	A Community-Based Approach to Developing a Mobile Device for Measuring Ambient Air Exposure, Location, and Respiratory Health. <i>Environmental Justice</i> , 2015, 8, 126-134.	0.8	15
35	Pilot study on the efficiency of water-only decontamination for firefighters' turnout gear. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 199-205.	0.4	15
36	Incorporating genetics and genomics in risk assessment for inhaled manganese: From data to policy. <i>NeuroToxicology</i> , 2009, 30, 754-760.	1.4	13

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37	Cardiac Troponin Measurement in the Critically Ill. <i>Journal of Investigative Medicine</i> , 2015, 63, 1.	0.7	13
38	Comparison of stationary and personal air sampling with an air dispersion model for children's ambient exposure to manganese. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 494-502.	1.8	13
39	Pathways of inhalation exposure to manganese in children living near a ferromanganese refinery: A structural equation modeling approach. <i>Science of the Total Environment</i> , 2017, 579, 768-775.	3.9	13
40	Unconventional natural gas development and public health: toward a community-informed research agenda. <i>Reviews on Environmental Health</i> , 2014, 29, 293-306.	1.1	11
41	Direct injection analysis of per and polyfluoroalkyl substances in surface and drinking water by sample filtration and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1653, 462426.	1.8	11
42	Co-exposure to manganese and lead and pediatric neurocognition in East Liverpool, Ohio. <i>Environmental Research</i> , 2021, 202, 111644.	3.7	11
43	Publication Track Records as a Metric of Clinical Research Training Effectiveness. <i>Clinical and Translational Science</i> , 2013, 6, 458-462.	1.5	9
44	Towards on-site detection of cadmium in human urine. <i>Journal of Electroanalytical Chemistry</i> , 2020, 859, 113808.	1.9	9
45	NIH Grant Awards as a Metric of Clinical and Translational Research Training Effectiveness. <i>Clinical and Translational Science</i> , 2015, 8, 52-56.	1.5	6
46	Assessing the national capacity for disaster research response (DR2) within the NIEHS Environmental Health Sciences Core Centers. <i>Environmental Health</i> , 2019, 18, 61.	1.7	6
47	Survey of airborne organic compounds in residential communities near a natural gas compressor station: Response to community concern. <i>Environmental Advances</i> , 2021, 5, 100076.	2.2	6
48	Assessment of Sexual Satisfaction in Relation to Potential Sexual Problems in Women with Multiple Sclerosis: A Pilot Study. <i>Sexuality and Disability</i> , 2012, 30, 227-236.	0.4	5
49	Disinfectant use by K-12 school staff to combat SARS-CoV-2. <i>American Journal of Infection Control</i> , 2021, 49, 1432-1434.	1.1	5
50	Perceptions of genetic research in three rural Appalachian Ohio communities. <i>Journal of Community Genetics</i> , 2013, 4, 9-17.	0.5	4
51	Development and Evaluation of a Manganese and Iron Food Frequency Questionnaire for Pediatrics. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1060.	1.2	4
52	Improving Patient Outcomes and Health Care Provider Communication with a Small, Yellow Plastic Band: the Patient URinary Catheter Extraction (PURCE) Protocol. <i>Urology Practice</i> , 2018, 5, 1-6.	0.2	3
53	Public Participation in Air Sampling and Water Quality Test Kit Development to Enable Citizen Science. <i>Progress in Community Health Partnerships: Research, Education, and Action</i> , 2019, 13, 141-151.	0.2	3
54	AERMOD modeling of ambient manganese for residents living near a ferromanganese refinery in Marietta, OH, USA. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 419.	1.3	3

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55	Efficacy of Environmental Health E-Training for Journalists. <i>Studies in Media and Communication</i> , 2014, 2, 71-80.	0.1	3
56	Serum Cotinine versus Parent Reported Measures of Secondhand Smoke Exposure in Rural Appalachian Children. <i>Journal of Appalachian Health</i> , 2019, 1, 15-26.	0.2	3
57	Evaluation of Online Graduate Epidemiology Instruction and Student Outcomes. <i>Online Learning Journal</i> , 2016, 20, 201-211.	1.1	3
58	Electrochemical Determination of Manganese in Whole Blood with Indium Tin Oxide Electrode. <i>Journal of the Electrochemical Society</i> , 2022, 169, 057508.	1.3	3
59	Association of Manganese Biomarker Concentrations with Blood Pressure and Kidney Parameters among Healthy Adolescents: NHANES 2013-2018. <i>Children</i> , 2021, 8, 846.	0.6	2
60	Lab-on-a-chip sensor for assessment of manganese exposure. , 2008, , .		1
61	Palladium-based sensor for electrochemical detection of manganese in the environment. , 2013, , .		1
62	A Community Academic Partnership to Reduce Lead Exposure From an Elevated Roadway Demolition, Cincinnati, Ohio, 2012. <i>Public Health Reports</i> , 2017, 132, 622-626.	1.3	1
63	Response to "Comment on "Impact of air manganese on child neurodevelopment in East Liverpool, Ohio" by Haynes et al. (2018)" <i>NeuroToxicology</i> , 2018, 68, 149-150.	1.4	1
64	Lab-on-a-chip sensor for point-of-care measurement of manganese exposure. , 2009, , .		0
65	Beyond the Manuscript: Public Participation in Air Sampling and Water Quality Test Kit Development to Enable Citizen Science. <i>Progress in Community Health Partnerships: Research, Education, and Action</i> , 2019, 13, 153-159.	0.2	0
66	Public Participation in Air Sampling and Water Quality Test Kit Development to Enable Citizen Science. <i>Progress in Community Health Partnerships: Research, Education, and Action</i> , 2019, 13, 123-124.	0.2	0
67	Environmental Biodynamics: A Bold New Frontier. <i>BioEssays</i> , 2020, 42, 2000225.	1.2	0
68	Improving physician research training: understanding the student perspective. <i>Studies in Graduate and Postdoctoral Education</i> , 2020, 11, 145-162.	0.9	0
69	Impact of the COVID-19 Shutdown on Mental Health in Appalachia by Working Status. <i>Journal of Appalachian Health</i> , 2021, 3, 18-28.	0.2	0