



32nd Annual Conference of the International Society for Environmental Epidemiology

Advancing Environmental Health in a Changing World



**ISEE
2020**
August 24-27, 2020



ISEE 2020 VIRTUAL CONFERENCE Poster Abstract List

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1134	Estimated prenatal exposure to nitrate in drinking water and birth defects: A population-based cohort study of over half a million births in Denmark	Vanessa Renee Coffman
1135	Proximity to freshwater blue space and type 2 diabetes onset: the importance of historical and economic context	Melissa N Poulsen
1143	Prospective investigation of urinary polycyclic aromatic hydrocarbon metabolites and mortality in the United States: National Health and Nutrition Examination Survey (NHANES) and National Death Index (NDI) Linkage (2001-2015)	Suril S. Mehta
1144	Risk of bias assessments for evidence syntheses of observational epidemiologic studies of environmental and occupational exposures: strengths and limitations	Kyle Steenland
1150	Evolution of Evidence on PFOA and Health Following the Assessments of the C8 Science Panel	Kyle Steenland
1170	Linking biomarkers of environmental chemical exposure and endometriosis: integrating the exposome and metabolome in the ENDOXOMICS-b Study	Komodo Matta
1188	Association of prenatal exposure to phthalates with measures of cognition in 4.5-month-old infants	Francheska Marie Merced-Nieves
1207	Long-term exposure to iron and copper in fine particulate air pollution and their combined impact on reactive oxygen species concentration in lung fluid: A population-based cohort study of cardiovascular disease incidence and mortality in Toronto, Canada	Zilong Zhang



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1261	Infectious diseases surveillance in the context of climate change <-> assessment of public health surveillance capacity in Nepal	Dinesh Bhandari



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1588	Identifying sensitive windows of exposure to NO ₂ and fetal growth trajectories in a Spanish population-based birth cohort	Jennifer Ish
1589	Arsenic in Private Well Water and Birth Outcomes in the United States	Catherine M Bulka
1590	Implementation of a community based prospective prenatal cohort in an international setting: Reflections on the Proyecto SEMILLA	Fadya A Orozco
1591	Comparing Performance between Models Assessing the Additive Effects of Exposure Mixtures	Drew B Day



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1592	A Systematic Review of Epidemiologic Evidences on Lead and Cancers, 2003 - 2019	Cynthia Jones
1593	Publicly available UV irradiance data in the contiguous United States and its applications	Ying Zhou
1595	Respiratory conditions in children exposed to mining waste dust, a cohort study in Bruminha project	Renan Duarte dos Santos Saraiva
1596	Health Data for New York City (HD4NYC): A collaborative research model to advance policy-relevant environmental health research	Perry Sheffield
1598	Fine Particulate Matter and Polycystic Ovary Morphology: A Retrospective Investigation of Electronic Medical Records and PM _{2.5}	Victoria Fruh
1599	Blood lead levels and lung cancer mortality in the United States: an updated analysis using the National Health and Nutrition Examination Survey (NHANES) II and III	Jongeeun Rhee
1600	Urban forest characteristics and childhood asthma onset	Louise Duquesne
1601	Bias due to selection on live births: A simulation study	Michael Leung
1603	Current and projected healthcare costs for emergency department presentations under the changing climate	Berhanu Yazew Wondmagegn
1604	Traffic-related air pollution (TRAP) and acute changes in cardiovascular system among healthy adults: A randomized, blinded, crossover intervention study	Bin Han
1607	Explaining social acceptance of a municipal waste incineration plant through sociodemographic and psychoenvironmental variables	Mikel Subiza-Perez
1609	Cytochrome P4501A1 genetic polymorphisms breast cancer risk	Fatima Abubaker Hamad



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1611	Expanded PAH analysis of household air pollution and implications for the lung cancer epidemic in Xuanwei and Fuyuan, China	George S Downward
1612	Home and workplace neighborhood socioeconomic status and behavior-related health: a within-individual analysis	Auriba Raza
1613	Residential proximity to animal feeding operations and risk of solid tumors in the Agricultural Health Study cohort	Rena R. Jones
1616	PFAS and cholesterol in epidemiological studies: causality, biomarkers, mixtures and relative potency	Tony Fletcher
1617	Benzophenone-3 and prevalence of antinuclear antibodies in adolescents and adults ages 12-39 in the U.S. population	Christine G Parks
1618	Maternal plasma concentrations of persistent organic pollutants and placental DNA methylation	Marion Ouidir
1619	Maternal Urinary Phthalate Metabolites are Associated with Lipidomic Profiles Among Pregnant Women in Puerto Rico	Pahriya Ashrap
1621	Genotoxicity of bisphenol A and bisphenol analogues using human breast cancer (MCF-7) mutants	Jiyun Lee
1623	Association of blood lead and cadmium levels with the age of menarche and menopause using the Korea National Health and Nutrition Examination Survey	Juyeon Lee
1625	Ambient Air Pollutants and Skin Cancer: Epidemiological Evidence from UK Biobank	Minyi Zhang
1626	Mobile apps for environmental and health monitoring after a nuclear accident: Towards a better resilience with involvement of citizen science and general public	Liudmila Liutsko

1627	Hazardous alcohol use in informal workers in Johannesburg	KERRY S WILSON
1628	Low-dose persistent organic pollutants and pancreatic beta-cell function: 4-year follow-up study	Yu-Mi Lee
1631	Urinary concentrations of bisphenol analogues and unexplained recurrent spontaneous abortion	Junjie Ao
1632	Short-term PM10 exposure is associated with lower severity of manic episodes in hospitalized bipolar patients	Michele Carugno
1633	Exposure to pyrethroid pesticides and ovarian reserve.	Joanna Jurewicz
1634	Radon R^{222} flux associations with standardized mortality rates of lung cancer in men and women in Spain	Liudmila Liutsko
1635	Spatio-temporal variation in pesticides air concentrations from homes near agricultural fields	Daniel Figueiredo
1636	Fine particulate matter and its constituents in air pollution and gestational diabetes mellitus: A nationwide survey in China	Guoqi Yu
1644	Characterizing multipollutant exposure profiles among a cohort of pregnant women via self-organizing maps	Brett T Doherty
1645	Environmental exposure to manganese and other trace metal(loid)s in air: associations with cognitive and motor functions.	LAURA RUIZ-AZCONA
1647	Agricultural Pesticide Use and Parkinson's Disease Admissions: A County-Level Study of New York State, 1995-2012	Jenni A. Shearston
1648	Health risks awareness of electronic waste scavengers in Lagos, Nigeria	Akeem Bayonle Ola



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1651	Prenatal exposure to per- and polyfluoroalkyl substances in association with autism spectrum disorder in the MARBLES study	Jiwon Oh
1652	Risk of persistent cardiovascular conditions in the Deepwater Horizon Oil Spill Coast Guard Cohort during five years of follow-up	Hristina Denic-Roberts
1653	A Multipollutant Longitudinal Study of the Association between Urinary Tungsten and Incident Diabetes in a Rural Population	Emily Riseberg
1655	Lung cancer mortality associated with PM _{2.5} in China: a national study based on county level	Ning Wang
1656	Causal effects of air pollution on mortality in Massachusetts	Yaguang Wei
1657	Parental Preconception Phenol and Phthalate Mixtures in Relation to Birth Weight	Yu Zhang
1659	Health impacts of air pollution in 1027 European urban areas: identification of cities with the highest and lowest preventable mortality burdens.	Sasha Khomenko
1660	Residential Greenness, Asthma, and Lung Function in Young Children	Kimberly Hartley
1662	Effects of heavy metal mixture exposure on hematological and biomedical parameters mediated by oxidative stress	Jing Xu
1663	Assessment of Pathogenic Microorganisms in Soils and Dust and its Implication for the Health of Urban Dwellers in Warri, Southern Nigeria	Elishama B Yomi-Agbajor
1664	Summation of concentration-response shapes by lagged exposure	Mieczyslaw Szyszkowicz



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1665	A heat health warning system in Thailand including statistic associations and stakeholders consensus exercise	Chuleekorn - Tanathitikorn
1666	Long term exposure to fine particulate matter and development of chronic obstructive pulmonary disease in the elderly	Changwoo Han
1667	Yellow fever outbreak investigation in Mgbakwu, Awka North Local Government Area (LGA), Anambra State, Southeast Nigeria - Entomological perspective.	Samuel Amifofum Owoicho
1668	Levels of Rare Earth Elements in Maternal Serum during Pregnancy and Risk for Fetal Neural Tube Defects	Aiguo Ren
1670	Street Vendors in Kampala, Uganda: Traffic-related Air Pollution Exposure and Adverse Health Experiences.	Vincent Nsereko
1671	Environmental noise and semen quality: a single fertility center cohort study	Seung-Ah Choe
1672	Associations between Oil Spill Response Work and Acute Mental Health Symptoms among U.S. Coast Guard Responders to the Deepwater Horizon Oil Spill	Jeanny Wang
1673	Does green-blue space visibility improve physical activities and human health a systematic review	S M Labib
1674	Exposure to Perfluorinated Compounds and Human Sperm Aneuploidy	Heather A Young
1676	Identification of Ross River virus hot spots along urban fringes of South East Queensland, Australia	Amanda K. Murphy
1678	The association of blood mercury levels with interference control in 6 years old children	Yoonyoung Jang
1680	Physico-chemical and bacteriological evaluation of hand-dug wells in major markets in south-western Nigeria	Temitope Ayodeji LANIYAN



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1681	Changes of diarrhea in rural areas of huaihe river basin	Jiiliang Zhang
1682	Microorganisms as Biocontrol Agents: A Panacea to Chemically Polluted Environment	Bukola Temitope Fabunmi
1683	Air pollution associated blood pressure may be modified by diet among children in Guangzhou, China	Jingshu Zhang
1685	Wastewater released into the Onyasia stream by a sewage treatment plant in Accra, Ghana: what are the bacterial loads and antibiotic resistance profiles?	LADY ASANTEWAH BOAMAH ADOMAKO
1688	Diet quality during pregnancy predicts maternal concentrations of phthalates and phthalate alternatives	Diana K Haggerty
1689	Per- and polyfluoroalkyl substance plasma concentrations and metabolomic markers in the Diabetes Prevention Program	Susanna D Mitro
1690	Association between air quality health index (AQHI) and cardiorespiratory diseases	Temitope Christina Adebayo Ojo
1692	Long-term impact of PM2.5 on health in the city of Korhogo (Côte d'Ivoire, West africa)	Kouame Kouadio
1693	Setting Occupational Health Research Priorities in Europe: the HERA Project	Michelle C Turner
1694	Effects PM2.5 exposure on daily emergency room visits and daily mortality in Lima, Peru, 2010 to 2016	Kyle Steenland
1697	Health risks associated with PM2.5 concentration in Abidjan hospital, Côte d'Ivoire	Kouame Kouadio
1699	The distribution and impact of multiple toxic metals on self-rated health in Detroit, Michigan	Evans K Lodge



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1700	The Relationship between Ambient Temperature and Renal Disease Morbidity in Vietnam: A Case-Crossover Study	Lingzhi Chu
1701	Increased Neuroanatomic Risk for Alzheimer’s Disease: Exploring the Interaction of Fine Particle Exposure and Long-Chain Omega-3 Polyunsaturated Fatty Acids	Diana Younan
1702	Attributable risk and economic cost of hospital admissions for mental disorders due to PM _{2.5} in Beijing	Ziting Wu
1704	Estimation of particulate matter exposures in Iraq and Kuwait 2001-2018 during military deployment	Jing Li
1707	Quantifying the health impacts of eliminating air pollution emissions in the City of Boston	Matthew Raifman
1708	The evolving science of systematic review in environmental health decision making	Nicholas Chartres
1710	Improvements in ambient PM _{2.5} exposure was associated with reduced risk of mortality in adults: a longitudinal study	Xiang Qian Lao
1711	Can stormwater control measures decrease the vectors of mosquito borne diseases in areas surrounding combined sewer overflows?	Alisha Y Chan
1712	The mediation role of insulin-like growth factor 1 in the relationship between prenatal PFBS exposure and adiposity in pre-school girls	Qian Chen
1713	Associations between surrounding residential greenness and intelligence quotient in 6 year old children	Kyung-Shin Lee
1714	Disentangling the Impacts of Cadmium Exposure and Smoking Behavior on Age-Related Cognitive Decline in a Representative U.S. Sample	Tara E. Jenson
1715	Exposure to nickel is associated with anemia in the Korean population	Cham-Jin Park



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1716	Associations between urinary phenol mixtures and gestational diabetes mellitus: A case-control study in Oklahoma	Wei-Jen Chen
1717	Short-term health effects of traffic-related air pollution exposures in multi-modal commuting in Chengdu, China	Yisi Liu
1719	Gender difference associated with the pre- and postnatal maternal mobile phone usage and behavioral problems in preschool children	hyunjoo Joo
1720	Lipid peroxidation mediated the association of urinary 1-bromopropane metabolites with plasma glucose and the risk of diabetes: A cross-sectional study of urban adults in China	Shijie Yang
1722	Air pollution during infancy and change in lung function into adolescence	QI ZHAO
1723	A Systematic Review on Lagged Association in Environmental Studies	Pin Wang
1724	Mediation Effects of Oxidative and Nitrosative Stress Biomarkers in the Associations between Phthalate Exposure and Thyroid Function in Taiwanese Adults	Po-Chin C Huang
1725	Behavioral and Emotional Disorders and Transportation Noise among Children and Adolescents: A Systematic Review and Meta-Analysis	Janice Hegewald
1727	Environmental and occupational risk factors for early onset dementia in an Italian community	Giorgia Adani
1728	GEOHealth Hub Colombia: achievements and challenges of an environmental and occupational health collaboration initiative	Laura Andrea Rodriguez-Villamizar
1729	Associations between exposure to Air Pollution and Congenital Hypothyroidism	Ruthie Harari Kremer
1730	Maternal Urinary Benzophenone-3 Concentrations During Pregnancy and Duration of Breastfeeding	Noelle B Henderson



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1731	Associations between household water source, sanitation and anemia in preschool children	Emma X Yu
1732	Testing the Utility of Electronic Health Records and Health Information Network Data to Determine Potential Health Impacts Associated with Opportunities for Exposure to Environmental Contaminants	Suzanne Kathryn Condon
1733	Study on the Effects of Ambient Fine Particles and Modifying Effects with the Extreme Low Temperatures on Preterm Birth	Jiajia Wang
1734	Comparing spatial exposure surrogates with detections and concentrations of unconventional oil and gas-related chemicals in residential drinking water	Cassandra J Clark
1735	Fine Particulate Matter (PM _{2.5}) is Associated with Chronic Kidney Disease: Findings Using Electronic Health Record Data	Jesse Berman
1736	Association between heat warnings and mortality among older adults in the United States	Kate R Weinberger
1737	Prenatal exposure to pesticide mixtures and adolescent externalizing behavior in the CHAMACOS study	Carly Hyland
1738	NCEH/ATSDR Microplastic Working Group: Identifying and Addressing Data Needs to Evaluate Human Exposures to Microplastics	Yulia Iossifova Carroll
1739	Polycyclic organic matter and invasive breast cancer	Larisa M Gearhart-Serna
1741	Psychosocial Stressors in Relation to Maternal Plasma Levels of Corticotrophin Releasing Hormone (CRH) During Pregnancy	Stephanie M Eick
1742	Relationships Between Psychosocial Stressors Among Pregnant Women in San Francisco: a Path Analysis	Stephanie M Eick
1744	Using Random Forests to Identify Weather Variables That Best Predict Heat Related Mortality in the US	Geetika Kalloo



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1745	Assessing the impact of environmental and occupational cancer hazard assessments on policy decision-making: An analysis of US Federal and state regulations	Suril S Mehta
1746	Redlines and greenspace: The relationship between historical redlining and 2010 greenspace across the United States	Anthony Louis Nardone
1748	Polycyclic Aromatic Hydrocarbons and Birth Defects in California	Amy Padula
1749	First National Report of Blood Lead Levels in Mexican Children: An Analysis to Inform Public Health Actions and Policy	Martha M Tellez-Rojo
1751	Association between extreme precipitation, drinking water and acute gastrointestinal illness in the Great Lakes	Tim Takaro
1752	A LIQUEFIED PETROLEUM GAS STOVE AND FUEL DISTRIBUTION INTERVENTION TRIAL REDUCED HOUSEHOLD AIR POLLUTION CONCENTRATIONS IN RURAL PERU	Magdalena Fandino
1754	The Timing of Exposure on the Association between Long-term Exposure to Air Pollution and Mortality	Yuhan Zhang
1757	Short- and Long-term Exposure to Nitrogen Dioxide and Mortality: A Systematic Review and Meta-Analysis	Shiwen Huang
1758	Progress of lung function on repetitive single scuba diving in Japanese instructor divers	Yoshitaka Morimatsu
1759	Vitamin status on the association between organophosphate esters (OPEs) exposure and chronic kidney disease	Habyeong Kang
1761	Association of personal PM _{2.5} exposure with lung function alternation and mediating role of oxidative damage in general urban adults	Ge Mu
1762	The effect of particulate matter reduction by indoor air filter use on respiratory symptoms and lung function	Sei Won Lee



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1765	Ensemble averaging based high resolution PM _{2.5} exposure assessment in two major Indian cities over 2010 to 2016	Siddhartha Mandal
1766	A correlation between blood pressure, seasons and meteorological factors	Sivan Zilka Darbiani
1770	Reduced ambient PM _{2.5} better lung function, and decreased risk of chronic obstructive pulmonary disease in adults: a longitudinal cohort study	Yacong Bo
1772	Association of Environmental Tobacco Smoke Exposure and Infant Neurodevelopmental Achievements and Effect Modification by Maternal Overweight and Obesity: Results from the Taiwan Birth Cohort Study	Mei-Huei Chen
1773	Early life exposure to fine particulate matter and childhood asthma in Beijing, China: A case-control study	Meimei Xu
1774	Indoor dust microbiota and residential surrounding greenness	Yinthe Dockx
1775	The Effects of Alcohol Drinking and Environmental Cadmium Exposure on Hypertension in the Korean Adults: Data Analysis of the Korea National Health and Nutrition Examination Survey (KNHANES), 2008-2013	Yun-Hee Choi
1776	From climate change and hunger to farming styles and rural health: insights from an agent-based model	Simon Lloyd
1777	A study on the relationship between monthly temperature and cause of death in Kyoto and Sapporo, Japan from 1995 to 2017	Masao Kanamori
1778	In utero Penicillin exposure affects fetal bacteria colonization and birth weight: a cohort study	Yunhui Zhang
1779	Tracking the epidemiology of Parasitic Diseases Research in Palestine: Challenges and Limitations	Adnan I Alhindi



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1784	airborne fungi spore distribution in two hospitals in Kabale district-Uganda	Adeyinka Odebode
1785	Is the use of face masks beneficial protecting individuals from ambient particulate matters?	Young-Min Kim
1786	Sea Level Rise, Chemical Contamination, and Endangered Species: How potential flooding of coastal superfund sites increase the vulnerability of species and ecosystems	Casey Kalman
1787	Natural and cause-specific mortality and long-term exposure to particle components in a pooled cohort of 323,782 participants in Europe: the ELAPSE project	Jie Chen
1788	Systematic Review of Fluoride Exposure and Neurodevelopmental and Cognitive Health Effects	Kyla Taylor
1789	Short term changes in ambient temperature and acute risk of atrial fibrillation episodes	Marcus Dahlquist
1790	Safeguarding Science from Attack: Data and Trends from the Trump Administration and How to Strengthen the Role of Science-Based Decisionmaking	Anita Desikan
1792	Assessing satellite-derived spring phenology for public health applications	Yan Dong
1793	Air pollution and breast cancer risk in the Black Women's Health Study	ALEXANDRA JAYNE WHITE
1795	do ultrafine particles confound studies on noise and cardiovascular disease?	Yingxin Chen
1796	Associations of PM _{2.5} metal compositions with carotid intima-media thickness in adolescents and young adults	SZU-YING CHEN



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1797	Type II diabetes status, adipokines, and dioxin-like compounds in the Anniston Community Health Survey II	Tara C Serio
1799	Evaluating Associations between Mixtures of Hazardous Air Pollutants and Birth Weight	Alison K Krajewski
1800	Associations between urinary phthalate metabolites and C-reactive protein: NHANES participants 2003-2010	Anisha Verma
1801	Evidence for differential thyroid sensitivity from prenatal exposure to polychlorinated biphenyl chemicals in children with autism	Jennifer Ames
1802	Associations between Environmental Quality across Multiple Environmental Domains and Birth Weight	Alison K Krajewski
1803	Genetic risk, early life phthalate exposure and childhood wheeze: is there a link?	Garthika Navaranjan
1805	Identifying Critical Periods of Neurotoxicity to Fluoride Exposure in Canadian Children	Linda Farmus
1806	The effect of deforestation and climate change on all-cause mortality and unsafe work conditions due to heat exposure in Indonesia	June T. Spector
1807	Reviewing Glyphosate Genotoxicity in Humans	Wil Lieberman-Cribbin
1808	Assessing the association between meteorological factors and mental disorders in summer using Mesonet, a refined weather monitoring system, in New York State	Xinlei Deng
1810	Upregulation of placental genes in the Aryl Hydrocarbon Receptor Pathway with Prenatal Tobacco Smoke Exposure	Todd M Everson
1811	Geographic variation in the oral microbiome of NIH-AARP Diet and Health Study Participants	Ian D Buller



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1814	Intestinal Parasitism and Associated Risks in a University Dining Hall Food Handlers	Wondwossen Birke
1817	Social disparities in the risk of preterm birth during an extreme heat event	Lara Cushing
1822	Disparities in Growth of Low-Cost Air Pollution Sensor Deployment	Chris Lim
1823	The Relationship between Traffic-Related Air Pollution Exposures and Allostatic Load among Youth with Type 1 Diabetes in the SEARCH Cohort	Jessica Montresor-López
1824	Association between air cadmium exposure and prostate cancer aggressiveness at diagnosis	Jyotsna Jagai
1825	Optimal climate indices for predicting global chikungunya outbreaks: A machine learning approach	Wenbiao Hu
1826	Health and social concerns about living in communities affected by per- and polyfluoroalkyl substances (PFAS): A qualitative study in Australia	Kayla S Smurthwaite
1828	Declines in mental health associated with air pollution and temperature variability in China	Tao Xue
1829	Change in the number of PM _{2.5} -attributed deaths in China from 2000 to 2010: Comparison between estimations from census-based epidemiology and pre-established exposure-response functions	Tao Xue
1830	Increment of Ambient Exposure to Fine Particles and the Reduced Human Fertility Rate in China, 2000-2010	Tao Xue
1831	Increased Cancer Risk in a Small Korean Village near a Fertilizer Factory	Ho-Jang Kwon

1832	Is sleep deprivation a modifying factor of acetaminophen related acute liver injury?	Ming Yie Liu
1833	Association between Urinary Phthalate Metabolites and Biomarkers of DNA Damage and Lipid Peroxidation in Pregnant Women - Tainan Birth Cohort Study (TBCS)	Po-Chin C Huang
1835	Association of prenatal methylmercury exposure and ADHD-like behavior of 12-year-old Japanese children	Nozomi Tatsuta
1841	Common Mental Health Disorders among Informal Waste Pickers in Johannesburg, South Africa 2018—A Cross-Sectional Study	Matimba Joelander Makhubele
1842	PHYTOCHEMICAL PROFILE AND LARVICIDAL POTENTIALS OF <i>AGARATUM CONYZOIDES</i> LEAF ON THE LARVAE OF <i>ANOPHELES GAMBIAE</i> .	DUE EMMANUEL AWAI
1843	Climate change awareness and tree planting as mitigation measure in a rural West African Community	Alhaji A Aliyu
1844	Association between ambient apparent temperature & respiratory disease hospital admission in Cape Town, South Africa	Christian Lueme Lokotola
1845	Exposure to particulate matter and risk of conversion from mild cognitive impairment to dementia: a cohort study in a Northern Italy population	Marco Vinceti
1847	Global assessment of trihalomethanes in drinking water	Manolis Kogevinas
1848	Personal exposure during cycling and health effects (PEDAL) - a semi-controlled crossover study	Vanessa Jana Soppa
1849	Risk Factors associated with Dengue Fever Outbreak in Dire Dawa Administration City, Ethiopia, October, 2015	Luna Habtamu Degife
1850	Oppressive weather types based on the Spatial Synoptic Classification and their future impact on all-cause mortality in Sweden	Oswaldo Fonseca Rodríguez



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1851	Association between apparent temperature & unintentional injury in Cape Town, Durban & Johannesburg, South Africa: 2001-2007	Christian Lueme Lokotola
1853	Mobile phone use and body weight: evidence from the UK COSMOS and UK Biobank cohort studies	Mireille B Toledano
1854	Schoolchildren respiratory health and allergies related to air quality in industrial area of Estonia	Hans Orru
1855	A comparison of approaches to estimate traffic-related PM2.5 in a study of commuters	Jenna R Krall
1856	Does socioeconomic status modify the effect of air pollution on birth outcomes?	Nelson Gouveia
1857	Early-life air pollution exposure and biomarkers of systemic inflammation in young children	Gabriel Baldanzi
1858	Exposures to residential noise and outdoor light at night and age at natural menopause in the Nurses' Health Study II Cohort	Huichu Li
1859	Preliminary Data from the PROGRESS Cohort on Early Life Blood Lead Concentrations and Child MMR Vaccine Response	Marina Oktapodas Feiler
1860	Human exposure pathways to poly- and perfluoroalkyl substances (PFAS) from indoor media: A systematic review	Nicole M DeLuca
1861	Potential effect modifiers of temperature variability-related mortality	Hayon Michelle Choi
1862	Prenatal phthalate exposures and anthropometry during adolescence: The HOME Study	Taylor M Etzel
1864	Per- and Polyfluoroalkyl Substances (PFAS) and Hormone Levels during the Menopausal Transition: Study of Women's Health Across the Nation (SWAN)	Sioban D. Harlow



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1867	Risk Factors For Respiratory Disorders Among West African Workers In The E-Waste Sector	Nonvignon Marius KEDOTE
1868	Addressing Data Gaps in Toxicity of Food Additive Chemicals using High-throughput Screening Technology	Brianna N VanNoy
1869	Detection and Molecular Characterization of Norovirus in Wastewater in New Orleans	Lauren Marie Ward
1870	Arsenic metabolism association with body mass index is mediated by physical activity in Mexican women	Brenda Gamboa-Loira
1871	Global prevalence of Chronic Kidney Disease of Unknown Etiology (CKDu) and recommendations for developing and strengthening national surveillance systems	Agnes Soares da Silva
1873	Conditions of home-based and informal work of jewelry and fashion jewelry production in Brazil	Fairah Barrozo
1874	Minute-level smartphone GPS-derived exposure to greenness and consumer wearable-derived physical activity in the Nurses' Health Study 3	Peter James
1875	Environmental metal exposures and kidney function of Guatemalan sugarcane workers	Jaime Butler-Dawson
1876	Associations between Preconception Phthalate Exposure and Infertility Treatment Outcomes among Couples Undergoing In Vitro Fertilization	Thoin F Begum
1877	Assessing Multiple Pollutants' Impacts on Multiple Health Outcomes in New York City	Ariel Spira-Cohen
1878	Neighborhood Socioeconomic Status, Long-Term Exposure to Particulate Matter, and Risk of Cardiovascular Disease and Mortality in the Nurses' Health Study	Nicole V DeVille



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1880	Long-term exposure to PM _{2.5} and risk of mortality for older population in North Carolina and Michigan	Ji-Young Son
1884	A Hierarchical Model for Estimating Exposure-Response Curves from Multiple Studies of Household Air Pollution	Joshua P. Keller
1885	Long-term trends in NO ₂ exposure and associated pediatric asthma impacts in urban areas worldwide	Susan C Anenberg
1886	Associations of prenatal exposure to phthalates with measures of cognition in 7.5-month-old infants	Andrea Aguiar
1887	Small area environmental health data: Challenges and solutions from a surveillance system perspective	Angela K Werner
1888	Acetylcholinesterase level as biomarker of pesticide exposure and Acute Kidney Injury in Thai Farmers	Ekarat Sombatsawat
1889	Early life exposure to organophosphate pesticides, behavioral outcomes, and adaptive skills in adolescents from the CHAMACOS study	Ana Maria Mora
1890	Benefits and challenges of combining data from the CHEAR consortia	Stefanie A Busgang
1891	Comparing creatinine and osmolality for urine dilution adjustment in a case-cohort study of urine cadmium and risk of incident heart failure in the Danish Diet, Cancer, and Health Cohort	Clara Sears
1892	Monitoring for clean air spaces during wildfire events	Curtis Noonan
1894	Analysis of cumulative cancer risk associated with disinfection byproducts in United States drinking water	Sydney Evans
1895	Neighborhood differences in the associations between PM _{2.5} exposure and hypertension among heart failure patients in North Carolina, USA	Anne M Weaver



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1896	Environmental Exposures and Seizures Treated by Illinois Emergency Medical Services and Hospitals.	Hannah Matzke
1897	Evaluation of PM _{2.5} Air Pollution Sources and Cardiovascular Health	Anne M Weaver
1899	Neighborhood Deprivation and Preterm Birth in a North Carolina Birth Cohort	Kristen M Rappazzo
1900	Association between metal exposure and Follicle Stimulating Hormone (FSH) and thyroid hormone among women of reproductive age: Korean Nationwide Biomonitoring Studies	Aram Lee
1904	Imputation methods for addressing missing data in short-term monitoring of air pollutants	Steven J Hadeed
1905	Assessing Risk of Bias in Human Epidemiologic Studies Using Four Tools: Different Conclusions from Different Tools	Stephanie Marie Eick
1907	Prenatal exposure to specific PM _{2.5} constituents and preterm birth in China: a nationwide cohort study	Jing Cai
1908	Spatial variation in the joint effect of heat waves and ozone on respiratory hospitalizations in California, 2004 to 2013	Lara Schwarz
1909	Urbanization and Vulnerability to Heat-Mortality: Different Roles of Urbanization between Urban and Rural Districts in South Korea; A Nationwide Time-series Study.	Whanhee Lee
1912	Fine particulate matter exposure and renal function: a population- based study among pregnant women in China	Yan Zhao
1915	Exposure-based assessment and economic valuation of adverse birth outcomes and cancer risk due to nitrate in United States drinking water	Olga V Naidenko
1916	Ambient ozone exposure and amino acids metabolome in adolescents with overweight and obesity	Maria Luisa L Perez-Humara

1917	Acute Respiratory Impact of Non-Methane Hydrocarbons: a Time Series Study in Taipei, Taiwan	Kin Fai Ho
1920	Real-time Monitoring of the Effects of Personal Temperature Exposure on Blood Oxygen Saturation Level in Elderly People With and Without Chronic Obstructive Pulmonary Disease: A Panel Study in Hong Kong	Hong Qiu
1921	Risk assessment and prediction for lung cancer among Hong Kong Chinese men	Shelly Lap Ah TSE
1922	Phthalates exposure, thyroid function and glucose metabolism: exploring associations and mediation effects in Taiwanese adults	Han-Bin Huang
1923	Spatial and temporal variations of urinary thiodiglycolic acid in school-aged children living near a petrochemical complex	Chih-Wen Wang
1924	Measuring and modelling exposure to air pollution with citizen science: the Curieuzeneuzen project	Evi Dons
1926	Machine learning approach for genome-wide polymorphisms to predict childhood allergic rhinitis in a longitudinal follow-up birth cohort study	Hui-Ju Wen
1928	Regional Spatial Autocorrelation Analysis of Waterborne Disease Incidence Rate: A Case study of Korea	Shinyoung Woo
1929	Night shift work & mammographic volumetric density	Beata Peplonska
1931	Short-term Exposure to Ambient Particulate Elements and Epigenome-wide DNA Methylation in Older Men: the Normative Aging Study	Cuicui Wang
1934	Prenatal Lead (Pb) Exposure's Effect on DNA Methylation (5mC) and Hydroxymethylation (5hmC) in Adolescent Whole Blood	Christine A Rygiel
1935	Association between Per/Polyfluoroalkyl Substances (PFAS) and Semen Quality in Men of Reproductive Age in China	KAI LUO



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1936	Does climatic zone of birth modify the temperature-mortality association of London inhabitants? An analysis during the warm period 2004-2013.	Dimitris Evangelopoulos
1937	Effect of Environmental Pollution on African Catfish<i>, Clarias gariepinus</i> from Orioke River in Ondo State, Nigeria	OLUWATOSIN ADETOLA AROJOJOYE
1940	Low-level air pollution exposure and incidence of chronic obstructive pulmonary disease: the ELAPSE project	Shuo Liu
1941	Prenatal chemical exposures associated with subsequent digital media use in adolescence	Jessica R Shoaff
1942	Occupational heat exposure and breast cancer risk (MCC-Spain study)	Michelle C Turner
1943	Additional burden of cancers due to the exposure to ultraviolet radiation: A spatial analysis and economic implications in health care in Newfoundland and Labrador, Canada	Md Arifur Rahman
1945	Perspectives on comparing regulatory guidelines and human exposures to environmental chemicals through HHEAR	Moira Bixby
1946	Phthalate Metabolites and Skinfold Thickness in 4-Year-Old Boys and Girls	Isabel J Ricke
1947	Local Improvements in Greenspace Decrease Cardiovascular Hospital Admissions	Lucas M Neas
1949	Effects of land use and vegetation on nighttime air temperature in heat vulnerable neighborhoods in New York City	Lauren Smalls-Mantey
1950	Association of plasma PAHs with Ultrafine Particle Exposure and Cardiovascular Risk Biomarkers in a Near-Highway Study Population	Caitlin L. Johnson
1952	The Contribution of Groundwater Arsenic to Public Water Arsenic Concentrations in the United States, 2006-2011	Maya Spaur



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1953	Transcriptome-wide analyses of the effects of ambient PM _{2.5} and carbonaceous constituents: results of the AIRLESS project	Wu Chen
1954	Validation of self-reported tobacco use with urinary NNAL among LCS-eligible population from the 2007-2014 National Health and Nutrition Examination Survey (NHANES)	Weixin Li
1956	Prenatal exposure to per- and polyfluoroalkyl substances and cognitive development in infancy and early childhood	Jiwon Oh
1957	PFAS Research, Education, and Action for Community Health	Martha Powers
1958	Use of cancer hazard assessments in Federal and state policy decision-making: Case studies of formaldehyde and trichloroethylene	Ruth M. Lunn
1959	Coal fly ash exposure and affective disorders in children aged 6 to 14.	Kristina M. Zierold
1961	Addressing the environmental burden of asthma through expansion of a public health evidence base, practice, and stewardship: CDC's National Asthma Control Program	Josephine Malilay
1962	Multi-pollutant effects of prenatal heavy metal exposure on atopic dermatitis in 6-month-old infants	Seulbi Lee
1964	NASA's Multi-Angle Imager for Aerosols (MAIA): Applications of NASA Satellite Data to Airborne Particulate Matter Exposure and Human Health	Abigail Nاستان
1966	Greenspace Spatial Characteristics and Human Health in an Urban Environment at Osogbo, Nigeria	Akinleye Isaac Oyegbami
1967	Wildfire smoke impacts respiratory health more than fine particles from other sources: observational evidence from Southern California	Rosana Aguilera
1969	Near real-time modeling of daily asthma emergency department visits syndrome as a function of air pollution, weather, and other environmental risk factors in New York City, 2010-2019	Kazuhiko Ito



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1971	Study of metal exposures and amyotrophic lateral sclerosis in Denmark	Aisha S. Dickerson
1972	Associations between urinary biomarkers of oxidative stress in the third trimester of pregnancy and behavioral outcomes in the offspring at 4 years of age	Anna S Rommel
1973	Assessing Residential Socioeconomic Factors Associated with Pollutant Releases using EPA's Toxic Release Inventory	Amanda Charette
1974	Air pollution and anti-Müllerian hormone concentrations in the Sister Study	Allyson Gregoire
1975	The effects of heat wave warning system on mortality in urban and rural populations in South Korea through 2001-2016	Seulkee Heo
1976	Correlates of per- and poly-fluoroalkyl substances among reproductive-aged Black women	Lauren Anne Wise
1977	Evaluation of confounding by socioeconomic status (SES) on the association between PM _{2.5} and mortality in the U.S Medicare population	Chloe S Kim
1978	Evaluating the impact of the Clean Heat Program on air pollution levels in New York City	Mike Zhongyu He
1979	Biochemical Studies Reveal Remarkable Influence of Bioremediation Treatments on Health Status of Crude Oil Polluted Soil and Oxidative Stress in Selected Plants	Folasade M. Olajuyigbe
1980	Applying NASA Satellite Data to Examine Emerging One Health Threats: Going Beyond Traditional Epidemiologic Methods	Helena J Chapman
1982	Temperature-Mortality Projections in Kuwait: The Immediate Future 2021-2060	Barrak Alahmad
1983	Prenatal exposure to organophosphate pesticides and executive function in the Norwegian Mother, Father and Child Cohort	Jake E Thistle

1984	Use of specific pesticides is associated with increased risk of developing shingles in the Agricultural Health Study	Christine G Parks
1987	Onchocerciasis Transmission and Prevention Knowledge, Attitude and Practices among Rural Ethiopian Families	Wondwossen Birke
1988	Influence of nutrient intake and AS3MT polymorphisms on the association between type 2 diabetes mellitus and arsenic metabolism among women from Northern Mexico	Karla Fabiola Rangel Moreno
1990	Cancer Education Interventions in Adolescents: A Systematic Review of Scope and Content	Amelia Grant-Alfieri
1991	Does physical activity exacerbate the air pollution risk of mortality? A longitudinal cohort study	Cui Guo
1994	Low level long term fine particulate matter exposure and incidence of dementia in the Puget Sound	Rachel M. Shaffer
1995	Association between long-term high level PM _{2.5} exposure and individual-level childhood obesity in China	Xiaoli Duan
1997	Short-term PM _{2.5} exposure and acute incidence of myocardial infarction a time-stratified case-crossover study in China	Jie Ban
1999	Neighbourhood and trip-based greenspace in four European areas: Associations with physical activity	Will Mueller
2001	construction and verification of air quality health index in china	Qinghua SUN
2003	Investigating potential associations between O ₃ exposure and lipid profiles: A longitudinal study of older adults in Beijing	Ang Li
2006	The profile of fine particulate matter (PM _{2.5}) using Beta Attenuator Monitor (BAM) in Addis Ababa, Ethiopia	Abera Kumie



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2007	Prenatal coexposure to phthalates and bisphenol A and neurodevelopment in preschool children	Surabhi Shah
2008	Short-term Effects of Ambient Air Pollution (PM _{2.5}) on Daily Hospital Mortality in Addis Ababa, Ethiopia	Zelalem Tazu Zelalem
2009	Long-term exposure to air pollution and road traffic noise and incident atrial fibrillation in the Danish Nurse Cohort	Jeanette Thorming Jørgensen
2011	Sexual dysfunction and mining-related jobs: A cross-sectional study in the former Katanga Province, DR Congo	Paul Musa Obadia
2012	Prenatal Phthalate Exposure and Social Responsiveness Scores in Early Childhood Using Quantile Regression: The HOME and EARLI Studies	Marisa A Patti
2013	Gestational Triclosan Exposure and Infant Birth Weight: A Systematic Review and Meta-analysis	Marisa A Patti
2014	The physiological equivalent temperature (PET) Index and non-accidental and cardiovascular respiratory disease mortality in Ahvaz, Iran	Maryam Dastoorpoor
2015	Cow Stables Accommodate More Diverse Airborne Bacterial Communities Than Pig Stables.	Hesham Amin Abouelhana
2017	Metals in supply water of riverine communities affected by the largest environmental disaster in Brazil: the dam collapse on Doce River	JOAO PAULO M TORRES
2018	Physiological Equivalent Temperature (PET) Index and cardiovascular and respiratory hospital admissions in Ahvaz, southwest of Iran	Maryam Dastoorpoor
2019	Cognitive impact of polluted landscape and its neural basis: Evidence based on an Event-related Potential study	Jianxun Yang
2020	Sociodemographic characteristics associated with influenza vaccination among adults in the United States	Sericea Stallings-Smith



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2021	Phthalate Exposure and Respiratory Diseases Among Adults and Children: the US NHANES 2007-2016	Nishat Tasnim Hasan
2022	The impact of ambient temperature on adverse pregnancy outcomes in Ahvaz, Iran; 2008-2018	Maryam Dastoorpoor
2024	Prenatal exposure to ambient air pollution and adverse pregnancy outcomes in Ahvaz, Iran: A Generalized Additive Model	Maryam Dastoorpoor
2025	Outdoor Air Quality and Antibigram Characteristics of Bacterial Isolates of Akure City Abattoirs, Nigeria	Olubukola O Olusola-Makinde
2026	Random Forest Modeling for Identifying Multinational Determinants of LPG Cooking Fuel Use Among 5,000 Sub-Saharan Africans: Results from the CLEAN-AIR(Africa) Study	Matt Shupler
2028	Arsenic exposure and Measles Antibody Titers in the US Children: NHANES 2003-2004 and 2009-2010.	Taehyun Roh
2031	A Multi Region Analysis of Shale Drilling Activity and Rates of Sexually Transmitted Infections in the United States	Nicholaus P Johnson
2032	Long-term effects of traffic-related air pollution on mortality in the Southeastern US	Qiulun Li
2033	Climate Change, Rain Fed Maize Productivity and Rural Malnutrition in Mexico	Sazcha Marcelo Olivera-Villarroel
2035	Effects of prenatal lead exposure on child's DNA methylation: methylation distribution-specific epigenome-wide association study (MDS-EWAS)	Yoon-Jung Choi
2036	Associations between cardiac-specific troponin concentrations and short-term ambient PM _{2.5} among myocardial infarction survivors	Gauri Kamat
2037	Associations of exposure to particulate matter and nitrogen oxides with prevalent asthma and other atopic diseases at age 17 in Israel: A population-based national study	Raanan Raz



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2038	The cross-sectional and longitudinal associations between urinary iron and lung function: a repeated-measures study among an urban Chinese adult population	Min Zhou
2039	Time course of blood oxygen saturation responding to short term fine particulate matter among elderly healthy subjects and patients with chronic obstructive pulmonary disease	Xi Xia
2040	Prenatal Exposure to Cadmium and Risk of Allergic Diseases in Pre-school Children	Tsung-Lin Tsai
2041	LINE1 methylation is differentially associated with lead exposure and job-tasks performed by electronic waste workers	Ibrahim Issah
2043	Relationship between fine particulate air pollution exposure and human adult life expectancy in Taiwan	Chun-Yuh Yang
2045	Dietary quality and dietary inflammatory potential during pregnancy and offspring emotional and behavioral problems in childhood: an individual participant data meta-analysis of four European cohorts	Kinga Polanska
2046	Concentrations of cadmium and lead in particulate matter in an industrial municipality of Boyacá, Colombia and its health implications	Luis C Blanco Becerra
2047	<u>Indoor levels and personal exposures to traffic pollution and environmental noise among retired adults in urban Colombia</u>	Kabisha Velauthapillai
2048	Fluoride exposure and duration and quality of sleep in a Canadian cohort	Jasmyn E A Cunningham
2049	Factors influencing hand-foot-mouth disease across 13 provinces of the Mekong Delta region, Vietnam	Nguyen Xuan Huong
2050	Environmental and occupational pesticide exposure and human sperm parameters: An updated review	Eric T Knapke
2051	2019 Dengue epidemic in Côte d'Ivoire	AMA KOUNANGUI MARIE NOELLE ANO



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2052	Forever chemical contamination of scientific publications	Philippe Grandjean
2053	Utility gains from reducing lung cancer morbidity and mortality from residential radon interventions in Canada	Janet Gaskin
2054	Using longitudinal survey and sensor data to understand the social and ecological determinants of suspending clean cookstove use in rural Ghana	Daniel Carrión
2056	Predictors of Acute respiratory infection among children Under 5 years in Nigeria: imperative for clean, safe household energy practices	IBRAHIM ADAMU AHMAD
2059	Exposure patterns among Coast Guard responders to the Deepwater Horizon Oil Spill: a latent class analysis	Matthew O Gribble
2060	Exposure to Natural Vegetation in relation to Mammographic Density	Lyndsey K Blair
2061	Short-term effects of heat and cold in urban, sub-urban and rural municipalities of Italy - a national approach.	Francesca Katherine de'Donato
2062	Exposure to Polychlorinated Biphenyls and Organochlorine Pesticides and Risk of Thyroid Cancer in Women	Nicole C. Deziel
2063	Short-term effects of ambient particles on mortality in Italy - a national approach	Massimo Stafoggia
2064	WHO Europe Heat Health Action Plan guidance: an update of the evidence ten years on.	Francesca Katherine de'Donato
2065	Air Pollutants Exposure and the Occurrence of Respiratory Diseases among Residents of Ogbomoso Metropolis	Itunu Bisayo Aboderin
2066	Association of placental concentrations of phenolic endocrine disrupting chemicals with cognitive functioning in preschool children from the Environment and Childhood (INMA) Project	Carmen Freire



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2067	Concentration levels, Carcinogenic and Mutagenic risks of PM _{2.5} -bound Polycyclic Aromatic Hydrocarbons in an urban-industrial area in South Africa	Oyewale Mayowa Morakinyo
2068	Air pollution and cognitive function among a cohort of older women in Germany	Rachel Tham
2073	Restrictions on the Use of Public Health Research at US Government Agencies in the Name of Transparency	Genna Reed
2074	Recent Changes to the US Chemical Regulatory Process: Impacts on Public Health	Anita Desikan
2075	Predictors, Prevalence and Spatial Distribution of Lassa Virus from Household Rodents in Low Socio-economic Community in Akure, Nigeria	Godson Rowland Ana
2076	The Policy Role of National Academy of Medicine and Presumptive Conditions related to Agent Orange	Mindy Moore
2077	The epidemic features of hand, foot and mouth disease associated with enteroviruses serotypes: A spatial and temporal analysis in Gansu, China	Wenbiao Hu
2078	Lung cancer mortality in China: a comparison analysis based on the Global Burden of Disease Study 2017	Ning Wang
2079	Association between maternal sociodemographic characteristics and Compliance to Clean Cookstove use in Rural Ghana	Kenneth Ayuurebobi AeNgibise
2080	Air pollution and environmental noise among retired adults in urban Colombia	Kabisha Velauthapillai
2081	Aggregate exposure assessment using cosmetic co-use scenarios	Miyoung Lim
2082	Open streets in Latin-America: Health impacts related to physical activity	David Rojas-Rueda



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2083	Lower pre-conception iron levels are associated with higher neurotoxic metal uptake during the first trimester of pregnancy. A cohort study in Benin.	Florence Bodeau-Livinec
2084	Toluene concentrations in the blood and risk of thyroid cancer from National Industrial Complexes: a population-based cohort study	Seyoung Kim
2085	Are Government Air Monitors Failing Southeast, Texas? An exploratory investigation of air quality and TCEQ air monitors in Beaumont, Texas after Hurricane Harvey	Margot Witvliet
2086	Environmental exposure to cadmium and risk of thyroid cancer from National Industrial Complexes: a population-based cohort study	Eunjung Park
2087	Long-term global projections of ambient temperature-related diarrhoea mortality	Paul Chua
2088	Exposure to Particulate Air Pollution and the Risk of Progression to End-Stage Renal Disease: An Advanced Chronic Kidney Disease Registry-Based Cohort Study in Taiwan	Yu-Ting Lin
2089	Kawasaki disease and prenatal exposure to air pollution: A population-based cohort study	Stephane Buteau
2090	A health impact assessment of lack of air conditioning during extreme heat in a temperate climate	Carina J. Gronlund
2091	Impact of population aging on future temperature-related mortality under climate change: A multi-country multi-city study	Kai Chen
2092	Fruit and Vegetable Intake Mediate the Association between Residential Greenness and Mortality among the Oldest Old	John S. Ji
2093	Sleep quality of the residents living in an apartment-type building in Bangkok area-A preliminary study	Kraiwuth Kallawicha
2097	Long term exposure to ambient PM _{2.5} and its effects on lipid levels in an adult cohort in India	Gagandeep Kaur Walia

2104	Alterations of lung microbiome in rat of NiO nanoparticles induced lung injury	SE YEONG KIM
2108	Gene-Environment Interaction of Residential Greenness and <i>FOXO</i> on Mortality among Older Adults	Linxin Liu
2109	Predicting carbonaceous aerosols and identifying its source contribution with advanced methods	Chin Yu Hsu
2111	Land use regression modelling of ambient air pollutants in Hong Kong	Zhiyuan Li
2112	Spatial heterogeneity in the effects of weather conditions on 2014 dengue outbreak in Guangdong, China: A Bayesian spatial analysis	Wenbiao Hu
2113	Perfluoroalkyl Carboxylates as risk factors to Predict Breast Cancer in Chinese women	Xi Chen
2115	Association between exposure to prenatal and postnatal 3-PBA, DNA methylation and ADHD symptom in children: The EDC cohort study on Environment and Children's Health	Kyung-Shin Lee
2116	Addressing climate change, environment and health in the Western Pacific: WHO's new Office	Marco Martuzzi
2117	Evaluation of local management of heatwaves prevention: two French studies among the stakeholders	Karine Laaidi
2119	Citizens' perception, concerns and interests with respect to air pollution and health-related risks: Mapping out a local epidemiological research agenda using results from online surveys and community meetings in Barcelona, Spain	Florence Gignac
2120	Occurrence of Multidrug Resistant <i>Escherichia coli</i> O157: H7 from Human and Raw Bovine Meat Sources in Southern Nigeria and its Public Health Implications	Rine Christopher Reuben
2121	The application of statistical models to create meaningful psychological endpoints for environmental exposures: Generating forgetting functions in children exposed to lead	Katherine Svensson



2122	Dietary patterns among pregnant women in the SELMA study	Katherine Svensson
2123	The possible association between antenatal exposure to air pollution and the risk of childhood cancer	Adel Farhi
2126	Relationship between serum ferritin level and urinary arsenic concentration	Ho yeon Kim
2127	CDK5 regulatory subunit associated protein 1 like 1 (CDKAL1) Gene, PM _{>2.5} and type 2 diabetes mellitus in Taiwan	Wei-Ching Chen
2130	Predictors of Indoor-Outdoor Ratio of Particle Number Concentrations in Israel	Raanan Raz
2136	Short-term effect of size-fractionated particulate matters and their constituents on renal function in children: a panel study	Miao Liu
2137	The Application of Spectral Vegetation Index to Assess Global Greenness in Relation to Reduce the Burden of Depressive Disorders	Aji Kusumaning Asri
2138	Prevalence of non-fatal injuries in informal waste recyclers in landfill sites in Johannesburg, South Africa	Nisha Naicker
2139	Open-defecation and Attainment of SDG Six - Evidence from Kintampo Health and Demographic Surveillance System in Ghana	Sulemana W Abubakari
2142	Environmental noise and health: building citizen science community with internal and external stakeholders of elementary school in Ljubljana, Slovenia	David Kocman
2143	T for target organ, timing, and fluoride exposure	Philippe Grandjean
2144	Forecasting the impact of climate change on dengue transmission: suitable condition index in Asia-pacific region	Wenbiao Hu



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2145	What accounts for Physical Activity during pregnancy? A study on the sociodemographic predictors of self-reported and objectively assessed Physical activity during the 1 st and 2 nd trimesters of pregnancy.	Ana Mendinueta
2146	NanoOffice - nanoparticles in new and renovated office buildings in Northern-Sweden	Hans Orru
2147	Efficiency of improved cookstoves and emission of Carbon Monoxide and Carbon Dioxide: An intervention study in Northern Ghana	Ali Moro
2148	Potential Gains in Reproductive-Aged Life Expectancy if Maternal Mortality were Eradicated from the Kintampo Districts of Central Ghana	Sulemana W Abubakari
2150	Environmental exposure to manganese in adults and cognitive and motor function. A systematic literature review and meta-analysis.	LAURA RUIZ-AZCONA
2151	Acute blood pressure-lowering effects of nitrogen dioxide exposure from domestic gas cooking via elevation of plasma nitrite concentration in healthy individuals	Heather Anne Walton
2154	Prenatal exposure to per- and polyfluoroalkyl substances (PFASs) and child growth trajectories in the Norwegian Mother, Father and Child cohort study (MoBa).	Eleni Papadopoulou
2155	NeuroSmog: Determining the impact of air pollution on the developing brain - outline of the project protocol	Iana Markevych
2156	Gene-environment interactions between air pollution and biotransformation enzymes and risk of birth defects	Amy Padula
2157	Association of neighborhood greenness with mental health in elderly women	Hicran Altug
2158	Evaluation of indoor temperature distribution in densely populated institutions using engineering analysis	yung-ling sun
2159	Ambient air pollution exposure and symptoms of attention deficit/hyperactivity disorder in Chinese children: Results from the population-based Seven Northeastern Cities study	RuQing Liu



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2160	Inflammatory responses and gene expression levels to air pollution exposure: A nested case-control panel study on COPD patients	Yuan Yao
2161	Climate change physiology and psychology: What can we learn from a lab-based heat exposure experiment with young adults	Rachel Bi
2162	Early life phthalate and pyrethroid exposure affects structural and functional brain development	Stephanie Engel
2163	Spatial and temporal trends in the mortality burden of ozone pollution in China: 2005-2017	Jiongchao Ding
2165	Monetized Wellbeing Losses from Air Pollution in China: 2004-2017	Miaomiao Liu
2166	Setting priorities in environment, climate and health research in Europe	Manolis Kogevinas
2167	Burden of air pollution exposure on mortality and hospital admissions in Greece by region and urbanization level Burden of air pollution exposure on mortality and hospital admissions in Greece by region and urbanization level	Klea Katsouyanni
2169	Evaluation of a commercial database to estimate residence histories in the Los Angeles Ultrafines Study	Danielle N Medgyesi
2170	Health Benefits Related to the China National Action Plan on Air Pollution Prevention and Control: An Accountability Study in Heavily Polluted Regions in China	Tiantian Li
2171	Residing in places with many allergenic trees can increase risk of allergic outcomes later in life: LISA Leipzig study	Iana Markevych
2172	Exposure to Volatile Organic Compounds - Acrolein, 1,3-Butadiene, and Crotonaldehyde - is Associated with Vascular Dysfunction	Katlyn E McGraw
2173	Per- and Polyfluoroalkyl Substances (PFAS) and Incident Diabetes in Midlife Women: Study of Women's Health Across the Nation (SWAN)	Sung Kyun Park



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2174	association between short-term exposure to ambient particulate air pollution and biomarkers of oxidative stress: a meta-analysis	Zichuan Li
2175	Daily mortality associated with short-term PM _{2.5} exposures in Delhi, India	Bhargav Krishna
2176	Work-related lung cancer concentrate among lower status workers: a quantification approach	Emilie Council
2177	Identifying US Jurisdictions at Risk of Containing Pre-1980 Housing Units with Large Areas of Deteriorated Paint -Results and Targeting Implications for the US Department of Housing and Urban Development	Veronica Eva Helms Garrison
2182	Exposure to nocturnal road traffic noise associated with the prevalence of hyperglycemia in Taichung, Taiwan	Ta-Yuan CHANG
2184	Fine particulate matter composition and mortality: a multi-country multi-city analysis	Francesco Sera
2185	Residential air pollution measures are associated with perturbations in a placental gene coexpression network	Maya Deysenroth
2187	A systematic review on health effects following long-term exposure to temperature	Klea Katsouyanni
2188	Long-term PM _{2.5} exposure as a risk factor for 30-day hospital readmissions among heart failure patients	Cavin K Ward-Caviness
2189	Association between multiple urinary metals and uric acid levels in overweight and obese individuals	YaLi Xu
2191	Perfluorooctane sulfonate alternatives and metabolic syndrome in adults: Isomers of C8 Health Project in China	Xiao-Wen Zeng
2192	Effects of Fine Particulate Matter on Childhood Asthma Exacerbation in the Philadelphia Metropolitan Region	Wanyu Huang



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2193	Per- and Polyfluoroalkyl Substances (PFAS) Concentrations in Serum and Drinking Water in Pregnant Women from the Greater Cincinnati Area HOME Study	Shelley Ehrlich
2196	Greenspace, gentrification, and urban development in the United States: A longitudinal, multi-city analysis	Leah H Schinasi
2197	Sex-specific associations between early life exposure to manganese and intrinsic functional connectivity of the brain in adolescents and young adults	Elza Rechtman
2198	Bayesian Predictive Modeling of Household Air Pollution Concentrations for 25,000 Rural Households across 8 Countries in the PURE-AIR Study	Matt Shupler
2199	Particulate matter air pollution, neighborhood socio-economic status, and leukocyte telomere length	Elise Grace Elliott
2200	Prenatal Exposure to Ambient Air Pollutants and Infant Growth Among Hispanics from Southern California	William B. Patterson
2201	Association between long-term exposure to outdoor black carbon and mortality in the French Gazel Cohort	Emeline Lequy
2202	A systematic review of association between fine particle exposure and children's behavior	Hang Du
2204	The association of prenatal exposure to intensive traffic with early preterm infant neurobehavioral development as reflected by the NICU Network Neurobehavioral Scale (NNS)	Xueying Zhang
2205	Associations between ambient temperature and asthma exacerbations among children in Philadelphia, PA.	Leah H Schinasi
2210	<u>Cumulative Cancer Risk from Pesticides in the Diets of American Children and Adults</u>	Alexis Temkin
2211	Health Disparities in Exposures to Chemicals and Pollutants Affecting Neurodevelopment: A Hybrid Systematic-Scoping Review	Kathryn Hirabayashi



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2212	Genetic susceptibility in air pollution-induced lung function decline	Sara Kress
2213	Attributing School Air Pollution Levels to Features of the Built Environment in New York City	Stephanie Lovinsky-Desir
2214	Urinary BPA Concentrations and Postpartum Depressive Symptoms: The HOME Study	Serena Rose Russell
2216	Iron and copper in fine particulate matter, reactive oxygen species concentration in lung epithelial fluid and respiratory health: A population-based cohort study	Zilong Zhang
2217	Changing risk factors that contribute to premature mortality from ambient air pollution between 2000 and 2015	Sourangsu Chowdhury
2218	Air pollution exposure and epidemiologic assessments inform management practices at U.S. embassies and consulates	Molini Patel
2220	Short term effects of air pollution on hospital admission for respiratory diseases among the pediatric and elderly populations, a time-series study	Hyun-mook Lim
2222	Folate and the association between maternal arsenic exposure and birth outcomes in the Biomarkers of Exposure to ARsenic (BEAR) cohort	Jelilyah Clark
2224	Long-term Air Pollution and Noise Exposures and Structural Parameters of the Default Mode Network in the 1000BRAINS Study	Sarah Lucht
2225	Cadmium accumulation in the placenta associates with aberrant microRNA expression: results from a small RNA-Seq analysis	Jesse M. Tehrani
2226	Positive association between urinary phthalate metabolites, biomarkers of oxidative damage and lipid peroxidation and urinary protein excretion in Taiwanese adults	Wei Hsiang Chang
2227	Understanding the joint impacts of fine particulate matter concentration and composition on the incidence and mortality of cardiovascular disease: a component-adjusted approach	Hong Chen



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2228	Greenspace and Children's Health	Colleen Reid
2229	Disentangling multiple environmental stressors in relation to incident cardiovascular disease in UK Biobank: a sparse principal component analysis	Yutong Cai
2232	Health promotion in the workplace: pneumoconiosis	Camila Feijó
2234	Extreme heat, preterm birth, and stillbirth: a global analysis across low-to-middle-income countries	Sara McElroy
2236	Long-term exposure to air pollution and diabetes mortality in a pooled cohort of 325,367 participants in Europe: the ELAPSE project	Jie Chen
2237	Linkage of occupational history records and medical screening examinations as a tool for assessing the long-term health impacts of wildland firefighting	Erin O'Brien Semmens
2238	Acute Differences in Inflammatory Biomarkers Following Controlled Exposures to Cookstove Air Pollution in the STOVES Study	Ethan S Walker
2239	Moving toward understanding specific pathways of inflammation in pregnancy: prenatal exposure to consumer product chemicals and changes in plasma eicosanoids	Barrett M Welch
2240	Exposure to polycyclic aromatic hydrocarbons (PAH) and breast cancer incidence: Evaluating the state of the science	Whitney M. Arroyave
2241	Personal PM _{2.5} Exposure and Resting Heart Rate in the Study of Pollution and COPD Exacerbation (SPACE) Cohort	Melissa Fiffer
2242	Ambient fine particulate matter and ozone exposures during pregnancy and DNA methylation in umbilical cord blood in the Healthy Start cohort study	Anne P Starling
2243	Exposure to ambient polycyclic aromatic hydrocarbons and cardio-pulmonary endpoints in Greece	Evangelia Samoli



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2244	Air pollution exposure and coronary artery calcification. The Mexican GEA study.	Marco Sanchez-Guerra
2246	Exposures to Phthalate Mixtures are Associated with Adverse Birth Outcomes in a Puerto Rico Pregnancy Cohort	Amber Cathey
2248	Determinants of exposure to ultrafine particles (PUF) and black carbon (BC) inside Parisian taxi vehicles: the PUF-TAXI project	Melissa Hanna Hachem
2249	Child Health Cohort Study. "Bruminha project".	Aline de Souza Espindola Santos
2250	Effects of Triclosan Exposure on the Gut Microbiome in Zebrafish	Fengxiu Ouyang
2251	The association of food-related anaphylaxis admissions with temperature and pollen counts in England	Holly CY Lam
2252	First trimester pesticide-related exposure behaviors and NNNS scores in infants from the SAWASDEE birth cohort	Pei Wen Tung
2253	The Acute Effect of Heatwaves on Preterm and Early-term Birth in 53 U.S Metropolitan Areas in the 1980s: A Matched Case-Control Study	Mengjiao Huang
2256	Climate Change Adaptive Capacity as Modified by Identity, Experience and Health Status in the Eastern Caribbean	Steve D Whittaker
2257	Repeated Measures of Polycyclic Aromatic Hydrocarbons are Associated with Reproductive and Thyroid Hormones During Pregnancy	Amber Cathey
2258	Portrayal of sunscreen in traditional and social media	Cheryl E Peters
2260	Associations between Greenness and Mortality by Ecoregion in the United States	Daniel W Riggs



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2261	Studying Bariatric Surgery Patients to Better Understand Endocrine Disrupting Chemicals Effects on Male Reproduction	Danielly Paiva Magalhaes
2263	Association between mid pregnancy immune phenotyping and cord blood telomere length: PRISM pregnancy cohort	Elena Colicino
2264	Variability of essential and toxic trace elements in the follicular fluid of women undergoing in vitro fertilization (IVF)	Celeste Danielle Butts
2265	Vitamin D treatment during pregnancy and maternal and cord blood metal concentrations at delivery; results of a randomized controlled trial in Bangladesh	Anne Marie Jukic
2267	Environmental health in the prevention of mesopathies: occupational dermatoses	Camila Feijó
2268	Urinary Metal Mixtures and Longitudinal Changes in Insulin Resistance and β -cell Function: The Study of Women's Health Across the Nation (SWAN)	Xin Wang
2269	Insights and Injustice: Identity-Driven Perceptions of Resilience Against Natural, Built and Social Hazards in the Eastern Caribbean	Steve D Whittaker
2271	World Trade Center exposome: risk and protective factors for symptoms of post-traumatic stress disorder among WTC General Responders	Elena Colicino
2272	Exposure to perfluoroalkyl substances and thyrotropin levels in an exposed young adult population in the Veneto Region	Elisa Gallo
2273	A life course approach to ALS: Early life exposures in the ARREST ALS case-control study	Diana C. Garofalo
2274	Lead-related dietary pattern is inversely associated with cognitive functioning in school children	Jianghong Liu
2275	Evaluating commercially generated residential address histories in an aging population: the Ginkgo Evaluation of Memory Study	Cindy S Leary



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2276	The urban lead burden in humans, animals and plants	Ronnie Levin
2277	Methylparaben in Meconium and Risk of Maternal Thyroid Dysfunction, Adverse Birth Outcomes, and Attention-Deficit Hyperactivity Disorder	Brennan H Baker
2278	Vale of Tears: The Dangerous Health Effects of Tear Gas Used in the Hong Kong Pro-Democracy Movement	Wai Ho Chak
2279	Associations of Perfluoroalkyl Substances with Incident Natural Menopause: the Study of Women's Health Across the Nation	Ning Ding
2280	Impacts of Power Outage on Multiple Health Outcomes in New York State	Shao Lin
2281	Antibiotic Use During Pregnancy and the Maternal Epigenome	Sahra Mohazzab-Hosseinian
2282	Particulate Pollution and Male Reproductive Health: Differential Impacts in Early and Late Spermatogenesis	Trenton Henry
2283	Does evidence support measuring spore counts to identify dampness or mold in buildings? A review of the literature	Mark J Mendell
2284	Arsenic in US correctional facility drinking water, 2006-2011	Anne Nigra
2286	Application of Environmental Epidemiology in Risk Assessment and Public Health Decision-making: A HESI Initiative	Sandrine E Deglin
2289	Association Between Outdoor Light at Night and Risk of Coronary Heart Disease among 60,229 Older Adults: A Prospective Cohort Study	Wangnan CAO
2290	Does preeclampsia mediate the impact of air pollution on reduced birth weight?	Lan Jin



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2291	Placental cadmium, genetic variations, and birth size	Michael Hussey
2292	The Mediating Role of Follicle-Stimulating Hormone in the Associations between Exposure to Perfluoroalkyl Substances and Incident Natural Menopause	Ning Ding
2295	Health impact of teargas and other crowd control weapons: early findings from a panel study of journalists in Hong Kong	Crystal Y Chan
2297	Maternal-Fetal Polybrominated Diphenyl Ether (PBDE) Levels and Biomarkers of Placental Development and Disease during Mid-gestation	Julia Varshavsky
2298	Lead seasonality in humans, animals, and the natural environment	Ronnie Levin
2299	Blood pressure, spirometry, and indoor fine particulate matter in homes heated by wood stoves: pre-intervention results from the EldersAIR randomized trial	Ethan S Walker
2300	The Association between Sex Hormones, Pubertal Milestones and Benzophenone-3 (BP-3) Exposure Assessed by Urinary Biomarker or Questionnaire	Courtney M Giannini
2301	Arsenic and Immune Response to Influenza Vaccination in Pregnant Women and Newborns	Christopher D Heaney
2302	Impact of Housing Water and Sanitation (WATSAN) Facilities on Health: Evidence from Pakistan	Imran Bari
2304	Fine Particle Exposure and Hospital Admissions for Neurodegenerative Diseases in New York State	Yanelli Nunez
2305	Prenatal Nutrition measured by My Nutrition Index is associated with Birth Weight and Cognitive Function in Children at 7 years	Chris Gennings
2306	Persistent Respiratory Conditions among Coast Guard Responders to the Deepwater Horizon Oil Spill, Five Years of Follow-up	Jennifer A. Rusiecki



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2307	The Green Heart Project: Study Design and Baseline Observations	Ray Yeager
2309	Maternal air pollution exposure & adverse neonatal outcomes. Protocol of a scope review	Daniel-Alejandro Buitrago-Medina
2310	Microbial succession pattern and changes in proximate parameters during fermentation of the avocado (<i>Persea americana</i>) fruit	Christiana Eleojo Aruwa
2311	The association of long-term air pollution exposure with supraventricular arrhythmia and atrial fibrillation in the Multi-Ethnic Study of Atherosclerosis	Thomas R. Austin
2312	Performance Evaluation of a Low Cost Air Quality Sensor over a Wide Concentration Range	Darpan Das
2313	Ambient Carbon Monoxide and Daily Mortality: A Global Time-Series Study in 337 cities	Kai Chen
2315	Higher levels of residential radon are associated with higher odds of PIH disorders in Massachusetts, USA	Stefania Papatheodorou
2317	New communication and data collection technologies used in population and patient cohorts	Kinga Polanska
2319	Urine Arsenic and All-cause and Cancer Mortality among U.S. Adults: the 2003-2014 National Health and Nutrition Examination Survey (NHANES)	Yawen Liu
2320	Development of a Sensitive Radon in Breath Analyzer for Exposure Assessment to Uranium Ore Constituents	Doug Brugge
2321	A New Exposure Metric for the Cumulative Effect of Short-term Peaks of Exposure to Traffic-related Ultrafine Particles	Cheng Lin
2322	Respiratory health effect of exposure to Indoor Microbiome on children under-five: a meta-analysis	Adekunle Gregory Fakunle



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2326	Acculturation and Personal Care Product Use Among Foreign-Born Chinese Women: Implications for Endocrine-Disrupting Chemical Exposure Disparity	Veronica Wang
2327	Indoor temperature impacts on cognition and daytime sleepiness in Detroit, Michigan, USA	Carina J. Gronlund
2329	Rainfall variability and risk of infectious diseases in young children: a global analysis	Anna Dimitrova
2332	Determinants of uptake of PMTCT services by HIV positive mothers accessing care in Akure, Ondo State, Nigeria	ADEWALE KAYODE OJOGBEDE
2333	Profile of the Per- and Polyfluoroalkyl Substances (PFAS) Health Study: Exposure to and health risks of environmental PFAS contamination in Australian communities	Kayla S Smurthwaite
2335	Assessment of multipollutant ambient air composition on type 2 diabetes mellitus using machine learning.	Naomi Oiwa Riches
2336	Trends in Arsenic Exposure among the US population: Findings from the National Health and Nutritional Examinations Survey, 2007-2016	Nimesh C Shah
2339	Arsenic exposure and urinary metabolites during pregnancy and its association with birth outcomes in Tacna, Peru	Diego Fano-Sizgorich
2341	Trace Element Exposures and Blood Pressure along the Interoceanic Highway, Madre de Dios, Peru	Stacy M Pettigrew
2342	Heatwave-health vulnerability in Adelaide: Analysis of mortality and morbidity outcomes	Blesson Mathew Varghese
2345	Prenatal exposure to DDT and pyrethroids and cellular response to vaccines among South African children from an area sprayed for malaria control: The VHEMBE study	Jonathan Chevrier



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2346	Trends in Health-Based Drinking Water Violations for Total Coliform Bacteria in the United States	Kshipra Sharma
2347	Combinative therapy of quercetin and vitamin E ameliorate intrinsic apoptotic via inhibition of mitochondrial pore shift in diabetic heart and liver ameliorate intrinsic apoptotic via inhibition of mitochondrial pore shift in diabetic heart and liver	Oluwatoyin Ojo
2348	Additional burden of cancers due to the exposure to agricultural chemicals and its economic implications in healthcare: A population-based study in Newfoundland and Labrador, Canada	Atanu Sarkar
2349	When possible, report exact p-values and display informative Fisherian null randomization distributions	Marie-Abele Bind
2350	Making the Invisible Visible: Intervening on cumulative environmental neurodevelopmental risks using a system dynamics approach	Devon Payne-Sturges
2352	Low-dose Vitamin E Supplementation Associated with Lower Risk of Diabetes Mellitus in South Asian Population Exposed to Arsenic: Results from a Randomized Clinical Trial	Mohammad H Shahriar
2353	Assessment of methicillin resistance and toxin associated genes in staphylococcus species isolated from two selected pig farms in Ogun state	Balogun Blessing Olalekan
2355	Socioeconomic Patterns and Environmental Greenness in Relation to County-Level All-cause and Cause-specific Mortality Rates in Kentucky.	Johnnie Deanna Newton
2356	Data-driven approaches to advance California's Human Right to Water Law: Characterizing inequities in drinking water quality among domestic well communities and public drinking water systems	Clare Pace
2357	Environmental exposure to microplastics: a scoping review on human health effects	Om Prakash Yadav
2360	In Utero Glyphosate Exposure and Anogenital Distance in Newborns from The Infant Development and Environment Study (TIDES)	Corina Lesseur
2361	Staff Perception of Tobacco Control and Prevention Policy in a Children's Hospital	Yannan Li



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2362	Association Between PM _{2.5} Exposure and Preeclampsia	Daphne Miranda Thampy
2363	Use of weekly mobile phone call-unit to screen pregnant women and their newborns for acute respiratory and gastrointestinal illness symptoms in rural Bangladesh	Lindsay N. Avolio
2365	Arsenic contamination of drinking water in California and risk of spontaneous preterm birth	Allison Rabinovitch Sherris
2367	Model based ragweed pollen counts predict sleep difficulty in allergy immunotherapy patients in small clinic in Southeastern Michigan, USA	Peter S Larson
2368	Plasma concentrations of per- and polyfluoroalkyl substances and pubertal timing: A prospective analysis in Project Viva	Jenny Carwile
2369	Exposure to Fine Particulate Matter is Associated With an Epigenetic Switch, Suggesting Possible Mechanisms Related to ADHD	Anna K Ruehlmann
2370	Long-term particulate matter 2.5 exposure, insulin resistance and type 2 diabetes risk in Mexican adults: results from GEA study.	Citlalli Osorio-Yáñez
2372	Meat Handlers Hygiene Knowledge, Attitude and Practice, and Butcher Shops Sanitary Conditions	Wondwossen Birke
2373	Environmental Chemical Exposures During Mid-gestation and Biomarkers of Placental Development	Julia Varshavsky
2374	Health Risks of Intestinal Parasitism in a Military Dinning Hall Food Handlers	Wondwossen Birke
2376	Exposure to Fine Particulate Matter and Lung Function among Response and Cleanup Workers of the Deepwater Horizon Oil Spill	Dazhe Chen
2377	Long-term exposure to Ozone and PM _{2.5} in Mexican Cities of the National Urban System: a Health Impact Assessment.	José L Texcalac-Sangrador



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2379	'Green walkability' and physical activity in UK Biobank	Charlie Roscoe
2381	Epigenetic mechanisms affecting blood pressure in the elderly population	Da Hae Kim
2383	Greenspace exposure and non-injury mortality in UK Biobank	Charlie Roscoe
2384	Combined effect of multiple exposure to low-level organic solvents on hepatotoxicity	Shinhee Ye
2385	Local mobility among pregnant women with and without asthma	Sandie Ha
2386	Greenspace cover and annual ambient nitrogen dioxide concentration at UK Biobank addresses	Charlie Roscoe
2388	Exposure to bisphenol A and epigenetic modification in aged population	Da Hae Kim
2389	Exploring Effects of Sociodemographic Inequities in Greenness Accessibility on theDevelopment of Allergic-related Respiratory Diseases in Children, Ontario	Erjia Ge
2390	Effects of Personal Exposure to Fine Particulate Matter Air Pollutionon Gut microbiotain elderly: The China BAPE study 	Jiaonan Wang
2391	Epigenetic mechanisms affecting heart rate variability	Da Hae Kim
2392	Assessment of Long-term Fine Particulate Matter Exposure and Its Effect on Cardiovascular Disease in China	Fengchao Liang



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2394	Environmental exposure to fly ash and infant neurodevelopment in Sri Lanka	Meghan Tipre
2395	Effect of housewife's activity pattern on indoor particulate matter concentration: Ko-CHENS Mom study	Jongmin Oh
2396	Association between environmental pollution by PM _{2.5} exposure and childhood overweight/obesity in children from 6 to 59 months in Lima and Callao, Perú	Valeria Paz
2397	The spatial variation of associations between long-term exposure to PM ₁₀ and incidence of cardiovascular disease in South Korea.	Ok-Jin Kim
2398	Indirect adjustment for unmeasured confounders in the association between long-term PM ₁₀ exposure and mortality in South Korea	Garam Byun
2399	Short-term exposure to indoor PM _{2.5} on depressive symptoms: Ko-CHENS Mom study	Eun-Hee Ha
2401	Land Use Regression Model for Exposure Assessment to Particulate Matter in Rio de Janeiro, Brazil	Marcio Sacramento Oliveira
2402	Health and economic impacts associated with smoke from summer bushfires in Australia, 2000-2020	Fay H Johnston
2403	Community characteristics affecting lag-structure of short-term exposure effect of ambient particulate matter on mortality: contextual variation of cumulative exposure effect and mortality displacement in 72 municipalities of seven major cities of South Korea, 2006-2013	Honghyok Kim
2404	The Relationship between Pollen, Air Pollution, and Asthma Exacerbations in Children in Allegheny County, Pennsylvania: A Case-Crossover Analysis	Sarah DePerrior
2405	Disease vulnerability and PAH biomonitoring in urban population exposed to air-borne particulate matter	Faiza Naseem



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2407	Associations of extreme temperatures with hospitalizations and post-discharge deaths due to stroke: is hyperlipidemia a mediator?	Shilu Tong
2408	Association between blood lead, high sensitivity C-reactive protein and metabolic syndrome	Won-Jun CHOI
2409	Government actions and incidence of arboviroses(dengue, zika, chikungunya):a comparative analysis in Bazil from 2015 to 2019	RENILDA PRESTES
2411	What is the current situation of blood lead levels of children living in Latin America and Caribbean Region? - preliminary results	Fernanda Junqueira Salles
2412	Role of large-scale weather phenomena on spatio-temporal variation of extreme heat events (EHEs) across 150 most populated cities of the world	Linze Li
2413	Deaths and Poisoning by Agrotoxins in Brazilian States among children under one year and 14 years old. Period 2010 to 2017.	PAULO PAZ DE LIMA
2414	The effects of the urban forest on reducing environmental noise	Naizhuo Zhao
2415	A Community-based Monitoring and Evaluation Exposome Project in Changhua County, Taiwan	Chi-Hsin S Chen
2416	Long-term exposure to low levels of outdoor nitrogen dioxide and lung function, asthma, and allergy in Australian children	Luke Knibbs
2417	Ambient temperature and stroke hospitalization: causal analysis with empirical dynamic modelling	Fang Guo
2419	Neuro-medical complications in populations exposed to chronic fluoride in drinking water	Tewodros Rango Godebo
2420	Longitudinal exposure to pyrethroids 3-PBA, trans-TCC & 2,4 D herbicides in rural schoolchildren, Maule, Chile.	María Teresa Muñoz-Quezada



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2421	Hurricane Michael and adverse birth outcomes	Ke Pan
2422	Occupational Pesticide Use and Risk of Non-Hodgkin Lymphoma	Anneclaire J. De Roos
2424	The Cost-effectiveness Analysis of Cardiopulmonary Exercise Test for Middle-aged Firefighters	Ye Seol Lee
2425	Evaluating the potential health benefits associated with the air quality alerts system in Paris: a difference-in-differences analysis.	Anna Alari
2426	Bioethics & environmental justice: the case of the presence of pesticides in schoolchildren in rural communities	María Teresa Muñoz-Quezada
2428	Exposure to environmental contaminants and risk of pregnancy induced hypertension and gestational diabetes mellitus	Roxana Khalili
2430	The cross-sectional and longitudinal associations between urinary arsenic and lung function: a repeated-measures study among urban Chinese adults	Weihong Chen
2431	Fluoride Developmental Neurotoxicity- Overview of Evidence and Evaluation of Risk at Exposures Due to Artificial Fluoridation	Chris Neurath
2432	Environmental and human health implications of heavy metals in the road dust of touristcity Guilin-China	Asfandyar Shahab
2433	Impact of early life exposure to ambient PM _{2.5} on child health in India	Sagnik Dey
2434	The short-term Effect of Indoor Air particulate matter on Cognitive Performance: Evidence from the English test scores among Chinese college students	Bin Han
2435	Comparison of LUR, satellite LUR and Bayesian NO ₂ exposure measures on effect estimates of respiratory and allergic disease in a children's cohort	Christine T Cowie



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2436	Health impact of environmental pollution and protective effect of masks in Japan	Kazunari Onishi
2437	Impact of traffic-related air pollutants emission reduction policies on hospitalization by asthma, in Seoul and Incheon, Korea	Hyomi Kim
2438	Proximity to inland water and major roadway of residential address and ovarian reserve: a retrospective cohort study	Seung-Ah Choe
2439	Estimation of internal radiation exposure during 9 years after Fukushima nuclear accident using National food-monitoring data in Japan	Ichiro Yamaguchi
2440	Gut Microbiota and Arsenic Metabolism Capacities in Pre-school Children	Yi-Ching Chen
2441	Exposure to outdoor PM _{2.5} in socioeconomically disadvantaged street vendors in Medellin, Colombia	MONICA LUCIA SOTO-VELASQUEZ
2442	Cardiorespiratory responses to fine particles during ambient PM _{2.5} pollution waves: findings from a randomized crossover trial in young healthy adults	Jing Huang
2443	corona viral disease: a threat to global health, economy and political stability	Motunrayo Dasuki
2444	Risk assessment and comparison between imported and domestic food for perfluorocarbons in Taiwan	TZU-HSUEN YUAN
2445	The associations between short-term exposure to fine particulate matter and systemic inflammatory factors: a cross-sectional study for the elderly	Bin Han
2446	New insights into the association of modeled long-term PM _{2.5} with life expectancy compared to measured PM _{2.5}	Sun-Young Kim
2447	The Structure Changes of Brain by Polycyclic Aromatic Hydrocarbons in Korean Firefighters	Yun Tae Kim

2448	Urinary Cadmium and Selenium: an effect modification on breast cancer by molecular subtypes among women from northern Mexico.	Elodia Rojas-Lima
2449	Does air pollution modify the effect of heat on mortality during the warm season? Results from a multi-country study.	Francesca Katherine de'Donato
2451	The interactive effect of air pollution and temperature: a Multi-country analysis	Matteo Scortichini
2453	Assessment of asthma risk in the population living near in ceneration facilities in Seoul, Korea	HYUN-JOO BAE
2454	How the impact of heat and cold on mortality has changed in Switzerland during the last 50 years: a nationwide analysis.	Evan de Schrijver
2455	Setting the European environment and health research agenda - Research gaps	Anke Huss
2456	Relationship between chimney emissions and air pollutants near coal-fired power plants	XUE HAN
2457	A country-wide small-area analysis on heat-mortality risks and geographical variation in vulnerability	Matteo Scortichini
2458	Climatic factors and rotavirus infections among children under five years old in Bangladesh: time-series analysis	Md Rezanur Rahaman
2459	The Impact of foehn winds on mental health hospitalizations in Bern, Switzerland: A 35-year time-series study	Marvin Bundo
2460	Comparison between national and local land use regression models for NO ₂ based on routine monitoring data in Japan	Saori Kashima
2461	Intensified impacts on mortality due to compound winter extremes in the Czech Republic	Eva Plavcová

2462	Use of human biomonitoring data in a risk assessment context using reverse dosimetry modelling: application to European cohorts	Amélie Crépet
2463	Bisphenol A-associated alterations in genome-wide DNA methylation in human adipose tissue	Yue Wei
2464	Bacterial Recontamination of Student Hands after Handwashing in a University Dining Halls	Wondwossen Birke
2465	Systematic Review on the Health Effects of Long-term Exposure to Traffic-Related Air Pollution	Hanna Boogaard
2467	Health Risks among Farmers Exposed to Pesticides in Southwest Ethiopia	Wondwossen Birke
2469	An ecological study of weather and Covid-19 incidence in China	William Goggins
2470	Hospitalizations among Chernobyl-exposed immigrants to Israel 1992-2017: a follow-up study	Julie Cwikel
2471	Water, Sanitation and Hygiene (WASH) Systems of Selected Schools in Southern Ethiopia	Wondwossen Birke
2472	Differential exposure to metallic mercury in children under 5 living in areas of gold mining of Antioquia, Colombia	MONICA LUCIA SOTO VELASQUEZ
2473	Maternal paraben exposure associated with anogenital distance and sex hormones in mini-puberty in offspring at 3 months of age	Tina Kold Jensen
2474	Professor	Boyi Yang
2476	Reconstruction of Former Environmental Asbestos Concentrations around asbestos mines and factories in Korea	Dongmug Kang



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2477	Daily Personal PM2.5 Exposure Level According to Four Major Activities among Children	Sungroul KIM
2478	METHODOLOGY FOR ASSESS THE AIR AND HEALTH QUALITY PREVIOUS TO THE START-UP OF THE ENERGY VALORISATION PLANT	Aitana Lertxundi
2480	Estimation of the effects of particulate matter on mortality; three-way interaction by green space, socio-demographic factors, and particulate matter	Choi Yongsoo
2482	Associations between summer heat-related mortality and excess mortality during the preceding winter in the Czech Republic	Aleš Urban
2483	Redefinition of the seasonality of temperature-attributable respiratory mortality: Implications for climate change adaptation	Hicham Achebak
2484	Prevalence of tobacco use and its determinants among adults aged 18 years and above in urban slum of Lahore, Pakistan: WHO STEPS survey	Shama Razzaq
2485	Multinomial logistic model for prediction of epidemiological indicators among urban dwellers exposed to outdoor air pollution	Audil Rashid
2486	Assessment of associations between air pollution and adolescent mental health in South Korea	Eunju EO
2487	Low-level air pollution and cause-specific mortality in Denmark: the ELAPSE project	Amar J Mehta
2488	Exposure to pyrethroid insecticides among pregnant women and their child in Rio de Janeiro City - Results from a birth cohort (PIPA Project)	Amanda Alzira Friaes Martins
2489	Association of combined exposure to surrounding green, air pollution and traffic noise with birth weight	Nicole Janssen
2490	Clinical outcomes associated with long-term exposure to airborne particulate pollution in kidney transplant recipients	Ejin Kim

2492	Risk of cognitive dysfunction linked to hearing loss from occupational noise exposure	Wanhung Lee
2493	Impact of Drought on public Health in Sudan	Asrar Fadulelsied
2494	Vulnerability patterns to heat and cold across Europe: a spatial two stage analysis of temperature-mortality risks in 800 urban areas	Ana Maria Vicedo Cabrera
2495	Lead exposure and cognitive impairment in older people living in communities located near mine tailing dumps in Johannesburg	Nisha Naicker
2496	Levels of heavy metals and rare earth elements in electronic waste workers in an informal waste recycling site in Ghana	Sylvia Akpene Takyi
2497	Placental levels of polycyclic aromatic hydrocarbons and its association with preterm birth and redox status (GSH/MDA)	PRIYANKA AGARWAL
2499	Low-level maternal exposure to cadmium, lead, and methylmercury and birth outcomes in a Swedish prospective birth-cohort	Klara Gustin
2504	An Assessment of Environmental Health Impacts of Toxic Chemical-Micronutrient Consumption in Groundwater from Dutse, Northwestern Nigeria	Adewole Michael GBADEBO
2505	Correlates of persistent endocrine disrupting chemical mixtures among reproductive-aged Black women	Samantha Schildroth
2506	Prenatal phthalate exposure quantified in meconium and cognition at 12-months: findings from the Early Autism Risk Longitudinal Investigation (EARLI) and the Prenatal Alcohol in SIDS and Stillbirth (PASS) network study	Leny Mathew
2507	Factors associated with chronic airflow limitation among adults in Karachi, Pakistan	Shama Razzaq
2508	Future health impacts of long-term exposure to fine particulate matter under climate change, demographic change and urbanisation in India	Asya Dimitrova



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2509	Recreational water exposure is associated with asymptomatic and symptomatic salivary antibody immunoconversions to waterborne pathogens	Andrey I Egorov
2510	Air quality and health impacts of integrated global greenhouse gas and air pollution emission scenarios	Shilpa Rao
2511	Lifetime PFAS exposures and childhood vaccine responses	Carmen Messerlian
2513	Hourly, Daily, Seasonal, and Location-Dependent Trends of PM Exposure in Primary School Aged Children	Ian Ryan
2514	Identifying Multiple Exposure Burden with National Biomonitoring Data	Jueun Lee
2515	The particulate matter exposure difference in the association between serum vitamin D level and smoking status in Korean elderly population	Yae Won Ha
2516	Application of deep learning to predicting PM _{2.5} concentrations using long-short term memory network: A case study of Kaohsiung City, Taiwan	Shao-Wei Yang
2518	Projection of temperature-related total and cardiovascular mortality under different climate and population scenarios by the end of the 21 st century in Bavaria, Germany	Masna Rai
2519	Using Electronic Health Record Data to Monitor Trends in Human Illness from Algae Exposure	Amy Lavery
2522	Leveraging Urban Planning and Building Design to Reduce Ambient Combustion Ultra-Fine Particles Exposure	Pilar Botana Martinez
2523	Components of Particulate Matter Air-Pollution and Brain Tumors	Aslak Harbo Poulsen
2524	Long-term exposure to road traffic noise and incident heart failure in a Danish Nurse Cohort	Youn-Hee Lim



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2525	Home Air Filtration for Traffic-Related Air Pollution: Study Design and Methods	Doug Brugge
2526	A tiered approach to prioritizing registered pesticides for potential cancer hazard evaluations: Implications for decision making	Pamela J. Schwingl
2529	Variation in heat-related mortality risks: a longitudinal global analysis	Francesco Sera
2530	Short-term temporal variability of phthalates, alternative plasticizers and phosphate flame retardant metabolites in urine	Michiel Bastiaensen
2531	Spatial pattern of esophageal cancer and stomach cancer in Mainland China	Xin (Chester) Qi
2532	A Bibliometric Analysis on the association between Air Pollution and Children	guoxing li
2534	Environmental and social determinants of health in informal settlements in Mbour, Senegal: challenges and policy directions	Sokhna Thiam
2535	Methods for accounting for urine dilution in arsenic analyses: comparisons to blood arsenic	Ahlam Kifah Abuawad
2537	Exposure to organophosphorus flame retardants in Belgium: reference values for urinary biomarkers, determinants of exposure and risk assessment	Michiel Bastiaensen
2538	Associations between urinary phthalate metabolite mixtures and oxidative stress biomarkers among male partners of couples undergoing fertility treatments	Angel D Davalos
2540	Outdoor Light at Night and Breast Cancer Incidence in the Danish Nurse Cohort Study	Youn-Hee Lim
2541	Development of informatics techniques for studying the exposome in large population scale studies	Krystal Godri Pollitt



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2543	Exposure assessment to bisphenols in Flemish adolescents	Celine Gys
2545	Pediatric Mercury Exposure Among Children Involved in Artisanal and Small-Scale Gold Mining	Shilpi Misra
2546	Urinary Cadmium and risk of stroke - a prospective case-cohort study in Danish non-smokers	Aslak Harbo Poulsen
2548	Gene-Environment interactions on Children's neurocognitive function in a prospective cohort study	Youn-Hee Lim
2550	Daily Variation of Air Pollutants Near an Elevated Highway System	Shelby Zangari
2551	Insecticide and fungicide exposure and neurodevelopment in preschool children from the Infant's Environmental Health Study (ISA)	Jorge Ernesto Peñaloza Castañeda
2552	Associations between bisphenols, benzophenones, and chlorophenols with fecundability modified by dietary phenols	Keewan Kim
2553	Heat Exposure and Emergency Department Visits to US Children's Hospitals	Shengzhi Sun
2554	A survey of metals in meconium	Andrea B Kirk
2555	Long-term exposure to moderate fine particulate matter concentrations and cause-specific mortality in an aging society	Youn-Hee Lim
2556	Measurement of disability among people with severe mental disorders - pilot study to examine environmental impacts on mental health outcomes in Ghana	Kenneth Ayuurebobi AeNgibise



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2557	Short-term effects of air pollution on hospital admission for heart failure among older adults: a time-series study	Dong-Wook Lee
2558	Short-term joint exposure to air pollution & grass pollen and lung function in French school-age children: the PARIS (Pollution and Asthma Risk: an Infant Study) birth cohort	Helene Amazouz
2559	Digital technology use and adolescent body weight: Evidence from the SCAMP cohort study	Mireille Toledano
2560	Difference in heat-stroke ambulance visit risk by month in Japan	Yasushi Honda
2562	Women's exposure to pesticides in a cohort of Brazilian smallholder family farmers	Rafael J Buralli
2563	Systematic Review on the Health Effects of Long-term Exposure to Nontailpipe Traffic Emissions	Allison P Patton
2564	The Effects of the Exposure to Neurotoxic Elements on Italian Schoolchildren Behavior	Stefano Renzetti
2565	Association of trees and other vegetation near homes with asthma exacerbation in children	Yun-Ting Yen
2566	Mechanistic insights of personal PM _{2.5} and BC exposure on serum metabolomics	Yanwen Wang
2567	Intimate partner violence during pregnancy is related to reduced birthweight: cross-sectional study in Kaduna, Northwestern Nigeria	Musa Abubakar Kana
2568	Metabolome-wide association study of organophosphate pesticide exposure	Qi Yan
2569	Trends of chronic kidney disease mortality rates and pesticide expenditure in Brazil from 1996-2015.	Nathalia Ferrazzo Naspolini



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2572	Expansion of 2,4-D Use on U.S. Farmland and Rising 2,4-D Urine Concentrations in the U.S. Population, 1999 to 2012	Kimberly S. Kramer
2573	Consumer Purchasing to Improve Environmental and Worker Health	Mary O'Reilly
2574	Quantile regression analysis of socioeconomic disparities in household air pollution and child undernutrition in Nepal	Dirga Kumar Lamichhane
2575	Short-term effects of rural indoor air pollution on respiratory health and urine biomarkers of college students in the northwestern China	Bin Luo
2576	The Long-term Effect of Exposure to Air Pollutants on Mortality among Medicare Participants: A National Study Using an Additive Hazards Model	Mahdieh Danesh Yazdi
2577	ESTIMATING THE CHILDREN'S HEALTH BENEFITS BY REDUCING FINE PARTICULATE MATTER IN SEOUL, KOREA	HYUN-JOO BAE
2578	The Saliva Metabolome for Monitoring the Impact of Air Pollution Exposure on Human Health	Zhenjiang Li
2582	Implementation of population-based disability adjusted life years calculations in health impact assessment software	Joseph V. Spadaro
2583	Risk assessment of infectious diseases in rural population associated with chronic exposure to sub-therapeutic concentrations of antibiotics in environment.	Abid Ali
2584	Using Syndromic Surveillance to Track Pollen Related Allergies Real-time	Shubhayu Saha
2585	Are low fluoride levels in drinking water really detrimental for neuropsychological neurodevelopment in childhood?	Jesus Ibarluzea



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2588	Individual awareness and response to health messaging related to extreme heat	Shubhayu Saha
2590	What is the relation between neighborhood walkability and dementia onset?	Audrey Smargiassi
2593	Heavy metal concentrations in sediment, water and fish in two major rivers (Ankobra and Tano) in major farming and artisanal gold mining areas in Ghana	John Arko-Mensah
2594	Genetic ancestry modifies the relationship between fine particulate matter and placental mitochondrial mutational load	Kelly Brunst
2595	Short term temporal variability in urinary bisphenol levels	Celine Gys
2596	Maternal folic acid supplementation mediates the association between maternal socioeconomic status and congenital heart diseases in offspring	Yanji Qu
2597	Associations between ventilation, indoor air quality, and health in residential buildings	Ah-Young Lim
2598	Identifying patterns in environmental mixtures: a Bayesian approach and application to endocrine disrupting chemicals	Elizabeth A Gibson
2599	Associations between Mediterranean diet and respiratory health or allergy at 8 years in French children from the PARIS cohort	Helene Amazouz
2600	Bisphenol A exposure and reduced male sex hormone levels in a Norwegian population	Randi J Bertelsen
2601	Associations between 8 Earth Observation-derived climate variables and pathogen-specific enteric infections in multiple large surveillance studies	Josh Colston



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2608	Ultrafine particles, psychosocial stress, and sleep: new epidemiological links?	Kelly Brunst
2609	Inter-disciplinary assessment of greenspace health benefits applying the ecosystem services framework to urban heat reduction in Boston, MA	Koen F Tieskens
2610	Michigan Farmworker Project: Bridging our understanding of the complex interplay of environmental and occupational exposures with labor exploitation in migrant and seasonal farmworkers in Michigan	Alexis J Handal
2611	Development and Validation of a Crowd-Generated Indicator of Air Pollution Exposures and Health Response using Web Search Log Mining.	Zhenjiang Li
2612	Chemical and Microbial Analysis of Groundwater from Ile-Ife Area of Osun State, Southwestern Nigeria	Elishama B. YOMI-AGBAJOR
2613	Occupational pesticide use and self-reported olfactory impairment in United States farmers	Srishti Shrestha
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2616	Spatial Analysis of Teen Births to Identify High Risk Neighborhoods	Nicole V DeVille
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2623	Lifetime exposure to disinfection by-products and risk of cancer at six anatomic sites in Iowa, USA	Rena R. Jones
2624	Associations of Prenatal Metal Mixtures with Mitochondria DNA and Telomere Length in Mothers and Children	Anna R Smith
2626	Prenatal exposure to perfluoroalkyl substances and behavioral difficulties in childhood at 7 and 11 years	Jiajun Luo
2627	Government actions and incidence of arboviroses :dengue, zika, chikungunya - a comparative analysis from 2015 to 2019	Renilda Martins Prestes
2628	Impact of luban cyclone on malaria in almahrah in Yemen	Abdullah Salem Bin Ghouth
2629	A Legacy of Confusion: Evaluation of Failed Prevention of Silicosis by Inhalation of Aluminum Powder	Tee L Guidotti
2630	Identification of key mixtures for human and environmental epidemiology	Amélie Crépet
2631	Effect of tobacco smoking on atopic disease and asthma as predictors of low awareness	Zafar Hussain
2632	Acute effects of fine and coarse particulate matter on daily mortality in the Metropolitan Area of Monterrey, México.	Magali Hurtado-Díaz
2633	The neglected critical contribution of epidemiology to the Strategic Approach to International Chemicals Management	Leonora Rojas-Bracho
2634	Associations between quality of water and sanitation and access to maternal and child health services in South Asia	Ondine von Ehrenstein



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2635	Identification of Host-Specific Gene Elements in E. coli	Naga Betrapally
2636	Evaluation of serum prestin as a new potential biomarker for hearing damage due to lead exposure in population from Tlaxcala, Mexico	SOLEDAD SOLIS-ANGELES
2637	Social Vulnerability and Flood Exposure during Hurricane Sandy	Wil Lieberman-Cribbin
2639	PM _{2.5} pollution (both indoor and outdoor) is the second largest risk factor for ill health in India, causing approximately 1.8 million deaths, annually but there is sparse data on personal exposure measurements of particulate pollution.	Kishore Kumar Madhipatla
2641	Impact of Data Cleaning on Personal Exposure to Black Carbon and DNA Methylation in Arginase-Nitric Oxide Synthase Pathway	Nan Ji
2642	Heat-related mortality in the US: Trends in the 2010s	Scott C Sheridan
2643	Prenatal Ambient Air Pollutants Influence Fetal Blood Flow and Shunting to the Brain in the Third Trimester	Carrie V. Breton
2644	Effect Size Magnification and Epidemiologic Design Calculations: their use in EPA's Office of Pesticide Programs in evaluating study size in epidemiology studies	David J. Miller
2645	Cleaner cooking with liquefied petroleum gas (LPG) in Northern Ghana: Interdisciplinary experiment measuring willingness to pay, behavior change, and impacts on personal exposure	Maxwell Dalaba
2647	Monitoring of traditional stove use in the context of a clean fuel (liquefied petroleum gas, LPG) intervention trial in Guatemala, India, Peru, and Rwanda	Ashlinn K Quinn
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2654	Association between PFAS and thyroid hormones in US adults and the impact of smoking	Maaïke van Gerwen
2656	Listening to loud music on mobile phones is associated with poor speech in noise perception in adolescents	Mireille B Toledano
2657	Prenatal PFAS Exposure Influences Infant Lean and Fat Mass	Alicia Peterson
2658	Does exposure to organophosphate esters during pregnancy increase the risk of attention-deficit hyperactivity disorder in offspring?	Giehae Choi
2660	Machine Learning to Identify Metabolic Effects of Chlorine Gas Exposure	Yuri Levin-Schwartz
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2663	Influence of Distance to Road on Ovarian Cancer Mortality	Carolina Villanueva
2664	Exploring the Spatial Variation Characteristics and Influencing Factors of PM _{2.5} Pollution in Nairobi City, Kenya: A preliminary Analysis	Nicholas Otienoh Ogue
2665	Exposure to ambient PM _{2.5} and cognitive function in older adults in Mexico	Karla Mariana Valdez-Trejo
2666	Respiratory Outcomes in an Environmental Justice Community Near Urban Oil Drilling	Jill E Johnston



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2673	Trends in arsenic, nickel and lead concentrations within particulate matter in Sao Paulo, Brazil	Kamila de Almeida Piai
2674	The Utility of Systematic Evidence Maps for Data Poor Environmental Chemicals	Cynthia J Lin
2675	Neighborhood social cohesion and sleep health among White, Black, and Hispanic/Latino men and women in United States: Findings from the National Health Interview Survey	Ariel Neece
2678	Manganese and lead exposure and thyroid hormones during pregnancy in the Infants' Environmental Health Study (ISA) in Costa Rica	Andrea Corrales Vargas
2680	Climate Change Research in the Arctic Must Include Polar Native Communities	David F. Goldsmith
2681	CONAMAD: Birth cohort to quantify the effects of in-utero metals exposure on child development in an artisanal and small-scale gold mining region of the Amazon	William Pan
2682	Early-life exposure to cobalt and cognitive function and behavior at 5 and 10 years of age in Bangladeshi children	Maria Kippler
2683	Modelling seasonal adaptation to temperature in UK with nonlinear functional regression models	Pierre Masselot
2685	Use of Low-cost Sensors to Develop Land Use Regression Models for PM _{2.5} of 6 Urban Areas in the US	Tianjun Lu
2686	Demographic factors and the contaminant exposome among adolescents from Sweden - the national dietary survey Riksmaten Adolescents 2016-17	Sebastian Pineda



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2688	Preterm birth and PM _{2.5} in Puerto Rico	Kipruto Kirwa
2689	Effects of personal air pollution exposure on inflammatory responses: potential mediation by endogenous melatonin	Linchen He
2690	Using latent class modeling to jointly characterize economic stress and multi-pollutant exposure	Alexandra E Larsen
2691	What does calculating impacts of specific morbidity outcomes add to perceptions of air pollution health impact assessment?	Heather Anne Walton
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2693	Mitochondria and aging in older individuals: an analysis of DNA methylation age metrics, leukocyte telomere length, and mitochondrial DNA copy number in the VA Normative Aging Study.	Jacopo Dolcini
2694	Effects of long-term exposure to particulate matter on serum high-sensitive C-reactive protein (hs-CRP) levels in elderly women with diabetes mellitus: a community-based cohort	Heeseon Jang
2695	Impacts of environmental policies on students' test scores mediating by school attendance rate	Bo Ye
2696	Cumulative lifetime maternal stress and stress in pregnancy are differentially associated with extracellular vesicle encapsulated microRNA profiles in breast milk: Findings from the PRogramming of Intergenerational Stress Mechanisms (PRISM) pregnancy cohort	Anne Bozack
2697	<i>Physiologically based pharmacokinetic (PBPK) modeling reliability in human exposure assessment after a perfluoroalkyl substances (PFAS) contamination occurred in northern Italy.</i>	Lorenzo Vaccari
2698	How metal concentrations are associated with morbidity, an eight years follow-up among women of childbearing age	Roni Gat



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2700	Individual and contextual exposures and cardio-metabolic diseases in adults of Argentina. A contribution for epidemiological surveillance	Mariana Butinof
2701	Ambient ozone exposure during preconception and gestation periods and birth weight: when is the critical window?	Zhongzheng Niu
2702	Particulate matter exposure <i>in utero</i> is associated with childhood saliva DNA methylation at ages 9 and 15	Kelly M Bakulski
2703	<i>In utero</i> exposure to particulate air pollution is associated with cord blood neurosteroids in neonates	Michelle Plusquin
2704	Air Quality Improvement and Brain Health: evidence from the WHIMS-ECHO study	Xinhui Wang
2706	Incidence of low birth weight and proximity to mining in Lubumbashi and Kipushi, DR Congo	Tony Kayembe-Kitenge
2707	Exposure Health Informatics Methods for Environment Epidemiological Research	Ram Gouripeddi
2709	Implementation of an Air Quality Forecasting Operating System for Health Surveillance and Sustainability in the Salvador Metropolitan Region, Brazil	Nelzair Araujo Vianna
2710	Social adversity, blood lead level, and behavior problems in young US adolescents	Jianghong Liu
2711	The role of inflammation in pregnancy PM _{2.5} exposure and postpartum depression: a pilot study	Lauren Petrick
2712	Does menstruation bleeding influence serum concentrations of PFASs in 5 th , 8 th and 11 th grade females in Sweden?	Jennifer Nyström



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2716	On adjustment for seasonality and time trend when estimating linear associations between long-term exposure and health outcomes in time-series studies	Honghyok Kim
2717	Insight into a first trimester human placental mechanism of fetal endocrine disruption	Megan Smith
2718	Chronic exposure to ambient air pollution and cognitive function among Hispanic/Latinos in San Diego, California	Sindana Ilango
2719	Using simulation methods to assess the suitability of the case crossover design in environmental epidemiological studies of preterm birth	Daniel Carrión
2720	Public policies to promote the elimination of polluting fuels for cooking in households: lessons learned from Bolivia, Ecuador and El Salvador	Agnes Soares da Silva
2721	Non-Nutritive Suck and Airborne Metal Exposures Among Puerto Rican Infants	Sarah Morton
2722	Early life lead exposure and behavioral problems among children in the HOME Study	Clara G Sears
2723	Commercial determinants of health: a proposed research agenda	Nino Paichadze
2724	Hot under the collar: The association between daily temperature and temperature deviations with violent criminal behavior	Jesse D Berman
2725	Joint and interactive effects between health and environmental exposures in predicting amyotrophic lateral sclerosis	Andrea Bellavia



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2730	BKMR-CMA: A Novel R Command for Mediation Analysis in Environmental Mixture Studies	Aijin Wang
2731	The status of air quality in Kampala city, Uganda 2017-2019: Results from the Eastern Africa GEOHealth Hub using a high-tech reference monitor (Beta Attenuation Monitor 1022)	Lynn Atuyambe
2733	Exposure to heavy metals in utero and autism spectrum disorder at age 3	John Dou
2734	Residential greenspace and attention problems in early childhood	Marnie Hazlehurst
2737	DENGUE IN THE STATE OF SÃO PAULO AND BRAZIL: ANALYSIS OF THE HISTORICAL SERIES OF ARBOVIRUSROSE AND PREVENTIVE MEASURES AND USE OF MALATHION.	Eric Hara
2738	Phthalate and Novel Plasticizer Concentrations in Food Items from U.S. Fast Food Chains	Ami R Zota
2739	Respiratory symptoms and lung function among Ethiopian women in relation to household air pollution	Mulugeta Tamire Awono
2740	Associations between satellite-derived estimates of PM _{2.5} species concentrations and birth weight in California	Patrick Reuther
2741	Prenatal exposure to ambient air pollution and traffic and indicators of adiposity in early childhood: The Healthy Start Study	Lizan D. Bloemsma
2742	Endocrine disruptive chemicals and thyroid cancer: a review	Mathilda Alsen



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2746	Maternal Thyroid Anomalies and Risk of Attention Deficit Hyperactivity Disorder in Progeny	Ran S Rotem
2747	Plasma and water fluoride levels and hyperuricemia among US adolescents	Yudan Wei
2748	Placental malaria, air pollution, and birth outcomes in a cohort of infants in Ghana	Ashlinn K Quinn
2749	HEALTH WORKERS HEALTH - EPIDEMIOLOGIC PROFILE OF 11400 MEDICAL APPOINTMENTS NOT REGULATED BY IN LATIN AMERICA'S LARGEST HOSPITAL COMPLEX	Eric Hara
2750	Heat, Medical Fragility, and Child Morbidity in a U.S. Urban Setting	Maria Teresa Herrera
2752	Comparison of emerging dried capillary blood collection devices for untargeted metabolomics in epidemiological studies	Georgia Dolios
2753	Environmental Chemicals and Red Blood Cell Folate levels in the U.S. Population, NHANES	Michael T Mascari
2754	Installment of desulfurization equipment at coal-fired power plants in North Carolina and associations with preterm birth among surrounding residents	Adrien A Wilkie
2755	Fluoride Exposure and neurodevelopmental outcomes among children in the United States: A pilot study	Ashley J Malin †
2756	Cigarette Smoking and Small-for-Gestational Age: A Third-Trimester Association	Isabella J. Boroje



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2758	Examining Heat-Related Emergency Department Visits in North Carolina, 2009-2017	Lauren Thie
2760	Long-term estimates of ambient air pollution and perturbations in the peripheral blood transcriptome in a large Dutch twin cohort	Jelle Vlaanderen
2761	Pesticide exposure and health effects in Latin American and the Caribbean populations: A systematic review.	Liliana A. Zúñiga-Venegas
2762	Geospatial analysis of antibiotic resistance in the aquatic environment of Bangladesh	Muhammad Asaduzzaman
2764	Sensitivity Analysis and Epidemiologic Triangulation	Brian Knaeble
2765	Assessing population needs for more COVID-19 information across New York State	Wil Lieberman-Cribbin
2766	A systematic literature review of PFAS chemicals in human serum and plasma	Julia R Kaplan
2767	Sensitivity and specificity of an assessment tool (CDT, FAB and TMT) for the Screening of Neurotoxic effects in agricultural workers from Chile	Boris Lucero
2768	Household Air Pollution and Adult Respiratory Health Outcomes: Evidence from Ghana Randomised Air pollution and Health Study	Kwaku Poku Asante
2769	Reliability and Variability of Metal Measurements in Permanent Tooth Enamel	Vy T Nguyen
2770	Prenatal exposure to polycyclic aromatic hydrocarbons and early life neurodevelopment	Erin R Wallace

2771	Monitoring personal exposure to semi-volatile organic chemicals in Uruguayan school children using silicone wristbands	Katarzyna Kordas
2772	Advancing Kinetic Modeling for Polychlorinated Biphenyl (PCB) Mixtures Relevant to Human Exposures: A Case Study Applying the Keyword Analysis Tool to PCBs Congener-Specific Half-Lives	Raquel A. Silva
2773	Arsenic methylation capacity is associated with locus-specific DNA methylation: an epigenome-wide association study among adults with low-to-moderate arsenic exposure in the United States	Anne Bozack
2774	Effect of Relative Humidity and Temperature on PM _{2.5} Concentrations in Kampala, Uganda	Samuel Etajak
2775	Spatial-temporal patterns and influence of land-use and socioeconomic factors on fine particulate matter pollution in Accra, Ghana	Abosede Sarah Alli
2776	Developing Literature Search Strategies and Strings to Identify Fate, Exposure and Physical-Chemical Property References	Amina Wilkins
2779	PM _{2.5} Exposure in Public Primary Schools Kampala, Uganda	Samuel Etajak
2780	Placental Gene Transcription and Child Cognitive and Behavioral Outcomes	Drew B Day
2781	Precision assessment of human exposure to PM coupling portable sensor data with human respiratory tract deposition modelling	Spyros Karakitsios
2782	Trimester Specific Association of Prenatal Fluoride Exposure and Cognitive Outcomes in Children in Mexico	Morteza Bashash
2784	Ingestion of nitrate and nitrite from drinking water and diet and cancers of the gastrointestinal tract in Iowa women	Mary H. Ward
2785	Effects of residential PM _{2.5} exposures from indoor and outdoor sources on blood pressure and respiratory inflammation in rural and urban Beijing	Hanbin ZHANG



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2786	Analyzing the Relationship between Indoor Temperatures and 911 Calls through a Case-Control Study in New York City, NY	Elaina Gonsoroski
2787	Physiological changes before dialysis treatments can potentially mediate the effects of extreme heat events on hospital admission risk	Richard V Remigio
2790	Lower placental iodine concentrations are linked with higher concentrations of ambient PM _{2.5} exposure during the last trimester of pregnancy.	Kristof Y. Neven
2791	Air pollution exposure management at the city level - the ICARUS approach	Dimosthenis Sarigiannis
2792	Short-Term Exposure to Fine Particulate Air Pollution and Emergency Department Visits for Renal Diseases in the Atlanta Metropolitan Area	Jianzhao Bi
2793	Community Mapping and Engagement to co-create a One Health under-5 (U5) infection in urban slums conceptual diagram: Childhood Infection and Pollution (CHIP) Consortium	Yebeen Boo
2797	Parkinson's disease and pesticides in agricultural Central California: integrating geotags, CA-PUR, and biologic pathways	Kimberly C Paul
2798	Environmental Chemicals and Depression in US Adults	Nicole Danielle Fields
2799	Analyzing New York City 311 Call Center Data related to Hurricane Sandy	Wil Lieberman-Cribbin
2800	Temporal changes in short-term associations between cardiorespiratory emergency department visits and PM _{2.5} in Greater Los Angeles, 2005 to 2016	Jianzhao Bi
2802	Characterization of volatile organic compound (VOC) exposures and their determinants among U.S. hairdressers serving an ethnic clientele	Lucy Kavi
2803	Mechanistic insight on the effects of metals and metalloids to neurodevelopment	Nafsika Papaioannou



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2807	Solid fuel-related indoor air pollution and poor sleep quality in the elderly: a national longitudinal study in China	Haiqing Yu
2808	Prostate Cancer Incidence in U.S. Counties and Low Levels of Arsenic in Drinking Water	Steven H. Lamm
2810	Integration of Low-Cost Sensor Measurements into High-Resolution PM _{2.5} Exposure Modeling	Jianzhao Bi
2812	A National Spatiotemporal Model for Ambient Ozone Concentration in the United States Using Universal Kriging and Land-use Regression: 2005-2014	Michael Young
2813	Prenatal Exposure to Particulate Matter and Placental Gene Expression	Daniel A Enquobahrie
2814	Coronavirus disease 2019 (COVID-19) & Environmental Epidemiology & health in Israel	Rachel Raanan
2815	Association between metals concentrations and cognitive performance, and effect modification by diet in older U.S. adults	Nasser Laouali
2816	Ambient Pyrethroid Pesticide Exposures in Adult Life and Depression in the Central Valley, California	Melissa Furlong
2817	Personal Fine and Ultrafine Particulate Exposures and Asthma Outcomes	Kirsten Koehler
2818	Community Social Stressors and Susceptibility to Urban Air Pollution in Cardiovascular Disease	Jane E. Clougherty
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2822	Modification of the Cardiovascular Effects of Temperature by Neighborhood Socio-Economic Deprivation	Sebastian Thonet Rowland
2823	Factors influencing household organophosphate pesticide levels in agricultural communities	Grace Kuiper
2824	Evaluating the strength of evidence between long-term NO ₂ exposure and pediatric asthma incidence for potential inclusion into the Global Burden of Disease Study	Katrin G Burkart
2825	Arsenic Exposure and Human Blood DNA Methylation and Hydroxymethylation Profiles in Two Diverse Populations from Bangladesh and Spain	Arce Domingo-Relloso
2830	Prenatal exposure pyrethroids and children's weight - PIPA Project	Ana Natividade
2832	Fish Consumption Advisories for Superfund Site Risk Management	Sam Byrne
2833	Insights into human behavior to inform exposure assessment using a low-cost, time-resolved location and activity monitoring system: a case study from a Ghanaian household energy study	Evan Coffey
2834	Residential Greenspace is Associated with CRP levels in Older Adults	Trenton Honda
2835	Climate Change and Health: New approaches are expected from epidemiologists	Wael Al-Delaimy
2836	Ambient Air pollution and Post-transplant Mortality among US Kidney Transplant Recipients	Miranda R. Jones
2837	Protecting Global Fisheries by Understanding Coral Disease	Eric Mazur



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2839	Residential Urbanicity is Associated with glycosylated hemoglobin levels in Older Adults	Trenton Honda
2840	The role of genetic predisposition in the potentially diabetogenic effect of PFAS exposure	Damaskini Valvi
2842	The Comparison of Heat-Related Health Outcomes between Patients Reporting/Not-Reporting a Social Security Number	Jihoon Jung
2843	Epidemiological Investigation of the Impact of Air Quality on Obstructive Sleep Apnea: What can we learn from CPAP devices?	Jay Preston Kitt
2850	Socio-environmental exposures explaining the opposites spatial patterns of mortality due to breast and cervical cancer in Argentinean women	Mariana Butinof
2851	Changes in Timing of Spring Onset and Increased Risk of Asthma Hospitalization in Maryland: Harbinger of Climate Change	Amir Sapkota
2852	Relationship of leukemias with long-term ambient air pollution exposures in the adult Danish Population	Robin Puett
2853	Denver Developmental Screening Test II (DDST-R) adaptation for a birth cohort research - PIPA Project	Renata Rodrigues Garcia Lino
2854	Estimating the impacts of fine particulate matter concentration from different sources on the mortality of cardiovascular diseases: a population-based cohort study	Li Bai
2855	A mixed methods study to investigate the potential for infectious disease transmission among smokers of the traditional tobacco waterpipe in rural areas of Lao PDR	Ryan Gene Sinclair
2856	Human fecal contamination of the domestic environment and child enteric infection in urban Maputo, Mozambique	David A Holcomb



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2859	Fetal and early life exposure to multiple classes of environmental organics measured using teeth	Priyanthi Shyamalee Dassanayake
2860	Scoping review of polycyclic aromatic hydrocarbons (PAH) human and experimental animal cancer studies	Whitney Arroyave
2862	The Relationship between Ambient Temperature and Sickle Cell Disease-Related Hospital Admissions in South Carolina	Natalie Crnosija
2863	Arsenic Exposure and Epigenetic Aging in American Indian Adults	Ahlam Kifah Abuawad
2864	Salivary cortisol as a marker of self-perceived stress while commuting on Atlanta roadways during peak hours	Amit Ugamraj Raysoni
2865	Reduced anthropometric measurements of children are associated with their ^{>137} Caesium body burden	Wilfried JJ Karmaus
2866	Aortic Strain -Threshold Analysis of Non-Cancer Outcome from Arsenic Exposure	Steven H Lamm
2868	Sickle Cell Disease-Related Hospital Admissions and Acute Particulate Matter 2.5 Exposures	Rosemary Ifeoma Ezeugoh
2869	Understanding Dengue Dynamic and Risk Factors in Abidjan for Relevant Coping Strategies.	Brama KONE
2870	Activity space, environmental exposure, and subjective well-being: A multicity mobile health study	Huyen TK Le
2871	Pesticide exposure in Chile and population health: urgency for decision making	Sandra Cortes
2872	The Agency for Toxic Substances and Disease Registry's Choose Safe Places for Early Care and Education Disaster Recovery Supplement	Dana Williams



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2873	The joint effects of monsoon rainfall anomalies and natural disasters on food insecurity in Nepal: Implications for a changing climate	Amir Sapkota
2875	Temperature-mortality associations by age and cause: a multi-country multi-city study	Antonio Gasparinni
2876	Spatial-temporal levels, variations and sources of NO ₂ /NO _x in the sub-Saharan African city of Accra, Ghana	Jiayuan Wang
2877	Representative key health risks of climate change	Kristie Ebi
2878	Biomonitoring of metals in inhabitants of Northern Chile: implications of surveillance in areas with historical exposures	Sandra Cortes
2879	UFP exposure and biomarkers of exposure/effect on small airways in school children	Christine T Cowie
2881	Urine LTE ₄ concentrations and organophosphate pesticide exposure in California agricultural communities	Sherry WeMott
2882	Exposure to perfluoroalkyl substances is associated with impaired glucose homeostasis in Hispanic youth	Jesse Goodrich
2883	The relationship of socio-environmental factors with hospital admissions and readmissions for Sickle Cell Disease	Nicole Sieck
2884	Understanding the Relationship Between Maternal Thyroid Hormones and Neurodevelopmental Outcomes	Lauren Brown
2885	Novel study designs and data technologies for environmental epidemiology	Antonio Gasparinni
2886	Simulation of optimal compensation criteria for Asbestos related diseases	saemi Jung



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2890	Electronic cigarette use and blood pressure endpoints: a systematic review	Irene Martinez-Morata
2891	GOES16-Based Estimation of Hourly PM _{2.5} Levels during the Camp Fire Wildfire Episode in California	Bryan N. Vu
2892	Tendências nas concentrações de arsênico, níquel e chumbo em partículas em São Paulo, Brasil	Kamila de Almeida Piai
2893	Addressing Water Quality Alongside Community Health Workers in a Farm Worker Community	Rietta Wagoner
2894	Biomarkers of kidney injury among Deepwater Horizon oil spill workers	Lawrence S Engel
2895	Hurricane-related health impacts and modification by community resilience	Jaime Madrigano
2896	Understanding the characteristics of a population of working women recruited for participation in a prenatal cohort study and the impact on recruitment strategies: Observations from the SEMILLA Project in Ecuador	Stephanie M Montenegro
2897	Calculated solvation energies predict the elimination half-lives of perfluoroalkyl substances in mammals	Andrew J Prussia
2898	Healthy for whom? Equity in the spatial distribution of cycling risks	Huyen TK Le
2899	Reversal of association between prenatal phthalate levels and birth size when measuring phthalates in placental tissue versus maternal urine	Hai-Wei Liang
2901	Anomalously warm temperatures are associated with increased injury deaths	Robbie M Parks



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2902	Air pollutants and daily outpatient visits for cardiovascular and cerebrovascular diseases in central Taiwan	Ya-Yun Cheng
2904	Herbal remedies and hyperuricemia in a Central American population with elevated chronic kidney disease of unknown origin	Katie M. Applebaum
2905	Improving State Allocations of the Congestion Mitigation and Air Quality Program through Health Research and Updated Pollution Measurements	Nicole Porco
2906	Characterization of particulate matter (PM) species in an area impacted by aggregate mining north of San Antonio, TX	Amit Ugamraj Raysoni
2907	Principal Components Analyze and Score por exposure tercile in metals combined effects - Comparison of methods in a birth cohort - PIPA Project - Brazil	Ana Natividade
2908	Evaluating the utility of high-resolution air pollution data: Comparing the importance of temporal and spatial variability in estimating local air pollution exposures in California from 2015-2018	Laura A Gladson
2909	Long-term Exposures to Air Pollutants Affect FeNO in Children: A Longitudinal Study	yue zhang
2910	Association between tree cover and academic performance in New York City schools	Chris Lim
2911	Exposure to air pollution and incident dementia and modification by APOE gene in the UK Biobank	Kimberly L Parra
2912	Non-home-prepared meal and fast food intake as exposure sources to non-persistent pollutant among the US population, NHANES 2013-2014	Che-Jung Chang
2914	Ambient fine particulate matter exposure after a lung cancer diagnosis and lung cancer survival	Paige Sheridan
2915	Impacts of Long-term Exposure to Fine Particulate Matter on Mortality Among the Elderly	Xiao Wu



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2918	Bayesian latent class analysis of mobile genetic elements for identification of zoonotic spillover and host switch events	Daniel Park
2919	Current Management of Traumatic Brain Injury (TBI) May Lead to Subsequent Risk	Niloofer Montazami
2920	A method for comprehensively characterizing chemical exposures of pregnant women in San Francisco using non-targeted analysis	Dimitri Abrahamsson
2923	Lead <Pb> exposure assessment in dried blood spots using Total Reflection X-Ray Fluorescence <TXRF>	Veronica Rodriguez Saldana
2924	Concentrations of chromium and lead in particulate matter less than 10 μm at a sidewalk near a vehicular traffic intersection and its health implications in informal workers in Bogotá, Colombia	Luis Camilo Blanco Becerra
2925	Residential proximity to greenhouse crops and pesticide exposure (via acetylcholinesterase activity) assessed from childhood through adolescence.	Noor Nazeeh
2926	Health and environmental co-benefits of city urban form: the case of Latin American cities	Ione Avila-Palencia
2927	Prenatal exposure to insecticides and child weight trajectories in a South African birth cohort	Joanne Kim
2931	Arsenic and Atrazine in Drinking Water and the Risk of Gestational Diabetes	Zachary V. Bacon
2932	The association between urinary glyphosate metabolites and biomarkers of oxidative stress among pregnant women in PROTECT birth cohort study	Jarrod Eaton
2933	Correction of hematocrit in the analysis of lead (Pb) in dried blood spots using potassium measurements	Veronica Rodriguez Saldana
2934	We need to know if the health effects of PM are driven by NLRP3	Wig Zamore



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2935	Spatial Decomposition of NO ₂ and PM _{2.5} National Exposure Disparity in the United States, 2000-2010	Jiawen Liu
2936	Air emissions from concentrated animal feeding operations	Amy Schultz
2937	The Impact of Long-Term PM _{2.5} Exposure on sepsis-related death among U.S. Medicare Beneficiaries	Fatemeh Kazemiparkouhi
2938	Smartphone Mobile Sensing and Geospatial Physical Activity Space Analytics in the PASTA-LA study	jonah michael lipsitt
2939	Investigating the acute effects of fine particulate matter on stillbirth risk in Ulaanbaatar, Mongolia	Temuulen Enebish
2942	Estimation of a buffering window in functional linear cox regression models for spatially-defined environmental exposure	Jooyoung Lee
2944	Quantitative analysis of immigrant Mexican workers' changes in knowledge on heat safety	Truc Nguyen
2945	Prenatal Co-Exposure to Methylmercury and Inorganic Arsenic	Sarah Rothenberg
2947	The Relation Between Green Space and Life Expectancy in Los Angeles, California	Michael Jerrett
2949	Effects of fine particulate matter on acute health events during critics episodes: a case crossover study in Medellín-Colombia 2015	Juan Gabriel Pinerros-Jimenez
2951	Epidemiological research contributions to local policies of air quality management in the region of Aburra Valley in Colombia.	Juan Gabriel Pinerros-Jimenez
2952	Exploratory survival models for mortality from chronic diseases associated with exposure to air pollutants (PM ₁₀ , PM _{2.5} and ozone) in the population of the Aburra Valley region, Colombia, 2008-2017.	Juan Gabriel Pinerros-Jimenez



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2954	COPD enhanced the susceptibility to high heart rate associated with exposure to metals in ambient fine particulate matter	KE Gao
2955	Estimation of the relationship between symptoms related with respiratory diseases and exposure to particulate matter less than 2.5 μm in students of two schools at Guachetá municipality of Cundinamarca, Colombia	Barbara J Saavedra Bayona
2957	Temperature and morbimortality due to respiratory and cardiovascular diseases in Brazil and future impacts by global warming scenarios	Ludmilla V Jacobson
2960	Spatial distribution of COVID-19 importation risk in South Asia against health emergency preparedness capacity and vulnerability	Sakib Imtiaz
2961	Evaluating environmental risk factors for adolescent anxiety and depression in Pennsylvania using electronic health records	Irena Gorski Steiner
2962	Arsenic health risk studies in Uruguay with a Medical Geology approach: advantages and difficulties	Nelly Mañay
2964	The Impact of Air Pollution and Inflammation on the Risk of Prevalent Diabetes Mellitus: Findings from a Large Urban City in the USA	Longjian Liu
2966	Do changes in the local food environment within new residential developments influence the diets of residents? Longitudinal results from RESIDE	Alexia Bivoltsis
2967	The Impact of Fossil-Fuels and Biomass Combustion on Outdoor $\text{PM}_{2.5}$ Mass Associations with Respiratory Emergency Department Visits in Dhaka, Bangladesh	Md Mostafijur Rahman
2968	High temperature and walking of community-dwelling adults in South Korea during summer: a cross-sectional study	Mi-Ji Kim
2970	Comparison of Hospitalization and Mortality Associated with Short-term Exposure to Ambient Ozone and $\text{PM}_{2.5}$ in Canada	Rajendra P Parajuli



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3196	Impact of Ambient Air Pollution Exposure during Pregnancy on Adverse Birth Outcomes	Aweke A Mitku
3197	Relationships between Local Vegetation Level and Human Mobility Patterns during COVID-19 for Maryland, USA	Seulkee Heo
3198	The association between long-term exposure to low-level PM _{2.5} and mortality in the State of Queensland, Australia: A modelling study with the difference-in-differences approach	Wenhua Yu
3204	The COVID-19 Pandemic and the Need to Advance in Science Communication	Frederico Peres
3205	IMPACT OF COVID-19 AND STRICT HOME CONFINEMENT RELATED CHANGES IN AIR POLLUTION, NOISE, AND PHYSICAL ACTIVITY ON CARDIOVASCULAR HEALTH FOR BARCELONA CITIZENS	Sarah Koch
3206	Environmental Cadmium, Influenza-related Mortality in U.S. Adults, and Implications for the COVID-19 Pandemic	Howard Hu
3208	Proximity and density to hydraulic fracturing wells, birth outcomes and maternal depression in Northeastern British Columbia, Canada	Elyse Caron-Beaudoin
3209	Tactical Urbanism for COVID-19, Equity, and Health	David Rojas-Rueda
3210	Modeling of Residential Indoor Concentrations of Ambient PM _{2.5} , Ozone for the Catheterization Genetics (CATHGEN) Study	Michael S Breen
3212	There's no place like home? The physiological and psychological effects of going outside from the indoor home environment to urban environments, a field experiment on women from two ethnic groups	Keren Agay-Shay
3217	Assessing the relationship between outdoor light at night (using International Space Station photographs) and risk of breast cancer in Vancouver, British Columbia	Jennifer Ritonja



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3220	Metabolomics signatures of the short-term exposure to air pollution and temperature	Feiby Nassan
3221	Characterizing the Relationship between Social Determinants of Health and Air Quality	Ram Gouripeddi
3223	Garbage burning in South Asia - How important is it to regional air quality?	Eri Saikawa
3227	Occupational exposures and lung cancer risk - an analysis of the CARTaGENE study	Saeedeh Moayedi-Nia
3228	Atlanta Residents' Knowledge Regarding Heavy Metal Exposures and Remediation in Urban Agriculture	Lauren Balotin
3230	Temporal trends of associations between short-term exposure to fine particulate matter (PM _{2.5}) and risk of hospitalizations in understudied populations, with effect modification by sex and urbanicity in U.S. counties	Chen Chen
3233	Ultraviolet radiation decreases COVID-19 growth rates: Global causal estimates and seasonal implications	Jonathan Proctor
3237	Applying Mixtures Methods to Characterize Immune Response Patterns among High versus Low Risk COVID-19 Patients in New York City	Eva M Tanner
3238	Ecologic association between ambient air pollutants and NICU admissions in Florida between 2012 and 2018	Kayan A Clarke
3239	Exposure to COVID-19: is there a disproportionate burden on low-paid jobs in France?	Emilie Council
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3244	Effects of a randomized biomass cookstove intervention on glycated hemoglobin among women in Honduras	Bonnie Nadyne Young
3247	PFAS exposure and association with polycystic ovarian syndrome	Sofia Hammarstrand
3248	In utero arsenic exposure modulates children's immune function	Molly L Kile
3253	Maternal proximity to petrochemical industrial parks and risk of premature rupture of membranes	Ching-chun Huang
3254	COVID-19, ambient air pollution, and environmental health inequities in Latin American cities	Josiah L Kephart
3256	Blood cadmium is not a predictor of carotid intima-media thickness in young adults from Padang, Indonesia	Cimi Ilmiawati
3257	Results on PPE access and impacts of COVID-19 in a diverse population of workers.	Irva Hertz-Picciotto
3260	'No rain, no harvest, no food': Impacts of droughts on undernutrition among children aged under five in Ethiopia	Anna Dimitrova
3261	Exposure assessment of PM _{2.5} for entire population in the region of interest using sensor-based air monitoring system and similar time-activity groups	Jinhyeon Park
3262	Temperature modifies the association between air pollution and respiratory disease mortality in Cape Town, South Africa	Janine Wichmann
3263	Impact of air pollution on SARS-CoV-2 induced health outcomes - a systematic review	Regina Pickford

3264	Comparisons of Paternal <and> Maternal Per- <and> Polyfluoroalkyl Substances Exposure on Birth Weight	Qian Yao
3265	Features of the content of immunoglobulins in blood serum in children with repeated respiratory infections	Aksana Viktorovna Povarava
3266	Plasma metabolites associated with exposure to perfluoroalkyl substances and risk of type 2 diabetes - a nested case-control study <u> </u>	Tessa Schillemans
3267	COVID-19 national lockdown in Morocco: impacts on air quality and public health	Kenza KHOMSI
3269	Physical distancing due to the COVID-19 pandemic and exposome changes in the general population of Cyprus: The Exposome@Home COVID-19 study	Konstantinos C. Makris
3270	Urbanization and greenness in HBSC survey: association with overweight and obesity in adolescents	Valeria Bellisario
3272	Occupational exposure to fine particulate matter (PM₄ </sub>and PM_{2.5}) during artisanal cookware manufacturing: personal, indoor and outdoor levels	Busisiwe Shezi
3274	Cross-Shift Changes in Pulmonary Function and Occupational Exposure to Particulate Matter among E-Waste Workers in Ghana	Zoey Laskaris
3275	Determination of hand-dug well conditions and groundwater quality in Ifo area of Ogun State, Nigeria	AYOBAMI MARY KUYOORO
3276	Indoor & outdoor PM2.5 concentrations in Chennai, India prior to & during the COVID-19 lockdown	Naveen Puttaswamy
3277	Association between ambient beta particle radioactivity and lower hemoglobin concentrations in a cohort of elderly men	Carolina Leticia Zilli Vieira
3278	Levels of Polonium-210 in brain and pulmonary tissues: Preliminary study in autopsies conducted in the city of Sao Paulo, Brazil	Carolina Leticia Zilli Vieira



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3280	Epidemiology of SARS-CoV-2 Antibodies among Firefighters/Paramedics of a U.S. Fire Department	Alberto Juan Caban-Martinez
3281	Air Quality and sick building syndrome symptoms in a public building in Athens, Greece	Olga I Kalantzi
3282	The Ramapough Lunaape Nation: Facing health impacts associated with proximity to a Superfund site	Gabriella Meltzer
3283	Identifying an appropriate biomarker for the tris (2-chloropropyl) phosphate (TCPP) flame retardant in children	Stephanie C Hammel
3284	Using standardized incidence ratios to compare rates of pre-existing conditions among 7,162 people seeking care for COVID-19 at US hospitals from 2/12 - 3/28/2020	Albert H Donnay
3285	Short-term exposure to air pollution, temperature and humidity and COVID-19 cases and mortality in 3,140 counties of the United States	Adjani A Peralta
3286	The Associations of Dietary Copper with Incident Dementia: The Atherosclerosis Risks in Community (ARIC) Study	Jingkai Wei
3287	Characterizing Environment Factors in Local COVID-19 Emergent Phenomenon	Ram Gouripeddi
3289	Young Infants' Exposure to Organophosphate Esters and Associations with Vaccination Responses	Stephanie C Hammel
3291	Presence of Perfluoroalkyl Substances in Landfill-adjacent Surface Waters: Case Studies in Orange County and Sampson County, North Carolina	Aleah Walsh
3292	Random Weather Fluctuations are Associated with Reproduction Rates of SARS-CoV-2 in US Cities.	Brian Knaeble



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3298	The Impact of Ambient Particulate Matter PM2.5 And PM10 On the Prevalence and Mortality Of SARS-Cov-2 In The Eastern Mediterranean Region.	Samantha Akram Al Awar
3299	Follow-up of Elevated Blood Lead Levels and Sources in Children at One and Six Years of Age in Benin: A Cohort Study	Shukrullah Ahmadi
3300	Fluoride in diet, drinking water and urine in relation to bone mineral density and incidence of fractures	Emilie Helte
3301	Urban PM2.5 Induces Cellular Toxicity, Hormone Dysregulation, Oxidative Damage, Inflammation, and Mitochondrial Interference	Ebba Malmqvist
3302	The implementation of a low emission zone in a medium-sized Swedish city: estimated effects on mortality and morbidity	Anna Oudin
3303	<u> </u>Developing an air pollution exposure surveillance system in England; a new national vulnerability indicator<u> </u>	Helen Crabbe
3304	Impact of traffic origin particulate matter and its chemical constituents on oxidative potential	Suman Yadav
3305	Short-term Effects of Fine Particulate Matter on Heart Rate in Heart Failure Patients	Miyuki Breen
3306	NIH Disaster Research Response (DR2) Program's Efforts to Establish Standardized Tools for COVID-19 Research Response	Aubrey Miller
3307	Health risk assessment of human exposure to heavy metal using hair and nail as biosamples	Kamlika Gupta
3308	Urbanization and greenness in hbsc survey: association with life satisfaction and health complaints	Irene Gintoli



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3310	Heat and COVID-19 pandemic: tackling two challenges at the same time-the example of Germany	Franziska Matthies-Wiesler
3311	COVID 19 An SEIR model predicting disease progression and outcomes for Pakistan	Ejaz Ahmad Khan
3312	Associations of residential and occupational history with the distribution of mixtures of persistent pollutants in adipose tissue	Ruth Echeverría
3314	Health surveillance of healthcare workers exposed to SARS-Cov-2 in Milan, Italy	Michele Carugno
3315	Per- and polyfluoroalkyl substances (PFAS) serum levels among a group of New Jersey volunteer firefighters and comparison with the US National Health and Nutrition Examination Survey (NHANES) (2015-16)	Troy Edward Brancard
3316	Associations of serum Phthalate concentrations with levels of Thyroid Hormones in adults from Southern Spain	Carolina DONAT-VARGAS
3317	A common adverse outcome pathway for toxic metals inducing nephrotoxicity to aid human health risk assessment of chemical mixtures	Tessa Schillemans
3318	AN ENSEMBLE APPROACH TO ESTIMATE DAILY PM _{2.5} AND PM ₁₀ IN FRANCE, 2000 - 2018	Ian Hough
3319	Ambient ultraviolet radiation and major salivary gland cancer in the United States	Zhi-Ming Mai
3320	Ergonomic risk assessment among artisanal cookware manufacturers	Busisiwe Shezi
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3323	Heat-related mortality in India: Time-series analysis of 2001-2018 for association between ambient heat and all-cause mortality in Nagpur city, India	Mahaveer Golechha
3324	Road traffic noise exposure and annoyance in two large cities in Slovakia	Lubica Argalasova
3325	ETS exposure, mental and physical health and oxidative stress parameters in a sample of Slovak women	Lubica Argalasova
3328	Urinary fluoride patterns among children in Mexico and Canada	Rivka Green
3329	Is Global Health Our Wealth? - The Odds of COVID-19-Induced Losses Against Climate Change Risks in the Eastern Caribbean	Steve D Whittaker
3330	Indoor PM _{2.5} Alpha-Radioactivity is Associated with Biomarkers of Oxidative Stress in COPD Patients	Eric Garshick
3331	The Gut Microbiome Contributes to the Association Between Ozone Exposure and Fatty Acid Oxidation	Farnaz Fouladi
3333	<u>The Toxic Legacy of an Industry and it's Impacts on a Native American Tribe</u>	Oyemwenosa Avenbuan
3334	Environmental Aspects of COVID-19: A Review	Elishama B Yomi-Agbajor
3336	Short-scaled time series analysis to assess weather-related lagged impacts on COVID-19 incident cases across highly-impacted US counties	Richard V Remigio
3339	Effects of ambient ozone on daily mortality in a suburban district, Beijing	Yaya Gu



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3341	Impact of Climate Change on Health & adaptation strategies in India 	Sushil Singh
3343	A Cross Sectional Study To Assess Sleep Hygiene Among School going adolescents	Lavanya Sekar