

# CITATION REPORT

List of articles citing

## The outdoor air pollution and brain health workshop

DOI: 10.1016/j.neuro.2012.08.014  
NeuroToxicology, 2012, 33, 972-84.

**Source:** <https://exaly.com/paper-pdf/53259851/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 388 | Exposure to vehicle emissions results in altered blood brain barrier permeability and expression of matrix metalloproteinases and tight junction proteins in mice. <b>2013</b> , 10, 62 |      | 85        |
| 387 | Gene expression changes in rat brain after short and long exposures to particulate matter in Los Angeles basin air: Comparison with human brain tumors. <b>2013</b> , 65, 1063-71       |      | 18        |
| 386 | Neurobehavioral and metabolic impacts of inhaled pollutants. <b>2013</b> , 1, e27489  |      | 23        |
| 385 | Repeated intratracheal instillation of PM10 induces lipid reshaping in lung parenchyma and in extra-pulmonary tissues. <b>2014</b> , 9, e106855   |      | 13        |
| 384 | Neurotoxicants are in the air: convergence of human, animal, and in vitro studies on the effects of air pollution on the brain. <b>2014</b> , 2014, 736385                              |      | 111       |
| 383 | Air pollution and detrimental effects on children's brain. The need for a multidisciplinary approach to the issue complexity and challenges. <b>2014</b> , 8, 613                       |      | 51        |
| 382 | Central IKK inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. <b>2014</b> , 11, 53   |      | 61        |
| 381 | The Role of Non-Chemical Stressors in Mediating Socioeconomic Susceptibility to Environmental Chemicals. <b>2014</b> , 1, 302-313   |      | 29        |
| 380 | Invited commentary: how exposure to air pollution may shape dementia risk, and what epidemiology can say about it. <b>2014</b> , 180, 367-71  |      | 19        |
| 379 | Air Pollution and Respiratory Ailments among Children in Urban India: Exploring Causality. <b>2014</b> , 63, 191-222  |      | 7         |
| 378 | Air pollution during pregnancy and childhood cognitive and psychomotor development: six European birth cohorts. <b>2014</b> , 25, 636-47  |      | 119       |
| 377 | Pollution and skin: from epidemiological and mechanistic studies to clinical implications. <b>2014</b> , 76, 163-8  |      | 152       |
| 376 | Perspectives on neuroinflammation and excitotoxicity: a neurotoxic conspiracy?. <i>NeuroToxicology</i> , <b>2014</b> , 43, 10-20  | 4.4  | 54        |
| 375 | Engineered nanoparticles. How brain friendly is this new guest?. <b>2014</b> , 119-120, 20-38   |      | 96        |
| 374 | Child exposure to indoor and outdoor air pollutants in schools in Barcelona, Spain. <i>Environment International</i> , <b>2014</b> , 69, 200-12   | 12.9 | 190       |
| 373 | When neurons encounter nanoobjects: spotlight on calcium signalling. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 9621-37               | 4.6  | 8         |
| 372 | Air pollution and your brain: what do you need to know right now. <b>2015</b> , 16, 329-45  |      | 98        |

|     |  |     |     |
|-----|--|-----|-----|
| 371 | Ozone, particulate matter, and newly diagnosed Alzheimer's disease: a population-based cohort study in Taiwan. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 44, 573-84                          | 4.3 | 194 |
| 370 | Socioeconomic Disparities and Air Pollution Exposure: a Global Review. <b>2015</b> , 2, 440-50   |     | 309 |
| 369 | Ambient air pollution and neurotoxicity on brain structure: Evidence from women's health initiative memory study. <b>2015</b> , 78, 466-76   |     | 144 |
| 368 | Associations of Ozone and PM2.5 Concentrations With Parkinson's Disease Among Participants in the Agricultural Health Study. <b>2015</b> , 57, 509-17  |     | 50  |
| 367 | Prenatal and Childhood Traffic-Related Pollution Exposure and Childhood Cognition in the Project Viva Cohort (Massachusetts, USA). <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 1072-8  | 8.4 | 80  |
| 366 | Air Pollution and Cognitive Development at Age 7 in a Prospective Italian Birth Cohort. <b>2016</b> , 27, 228-36   |     | 46  |
| 365 | Central nervous system toxicity of metallic nanoparticles. <b>2015</b> , 10, 4321-40   |     | 74  |
| 364 | A pilot study to assess effects of long-term inhalation of airborne particulate matter on early Alzheimer-like changes in the mouse brain. <b>2015</b> , 10, e0127102                                    |     | 82  |
| 363 | Associations between Prenatal Exposure to Black Carbon and Memory Domains in Urban Children: Modification by Sex and Prenatal Stress. <b>2015</b> , 10, e0142492   |     | 41  |
| 362 | Application of dental nanomaterials: potential toxicity to the central nervous system. <b>2015</b> , 10, 3547-65   |     | 27  |
| 361 | Toxicant exposure and bioaccumulation: a common and potentially reversible cause of cognitive dysfunction and dementia. <b>2015</b> , 2015, 620143   |     | 36  |
| 360 | Could environmental exposures facilitate the incidence of addictive behaviors?. <b>2015</b> , 38, 53-8   |     | 2   |
| 359 | Occupational exposures and Parkinson's disease mortality in a prospective Dutch cohort. <b>2015</b> , 72, 448-55   |     | 41  |
| 358 | Xenobiotic pulmonary exposure and systemic cardiovascular response via neurological links. <b>2015</b> , 309, H1609-20   |     | 4   |
| 357 | Association between traffic-related air pollution in schools and cognitive development in primary school children: a prospective cohort study. <b>2015</b> , 12, e1001792                                |     | 293 |
| 356 | Association of air pollution with cognitive functions and its modification by APOE gene variants in elderly women. <i>Environmental Research</i> , <b>2015</b> , 142, 10-6                               | 7.9 | 95  |
| 355 | Ozone exposure of Flinders Sensitive Line rats is a rodent translational model of neurobiological oxidative stress with relevance for depression and antidepressant response. <b>2015</b> , 232, 2921-38 |     | 39  |
| 354 | Ambient air pollution: an emerging risk factor for diabetes mellitus. <b>2015</b> , 15, 603  |     | 68  |

|     |   |     |     |
|-----|---|-----|-----|
| 353 | Air Pollution and Health Effects. <b>2015</b> ,   |     | 8   |
| 352 | New Look at BTEX: Are Ambient Levels a Problem?. <b>2015</b> , 49, 5261-76  |     | 233 |
| 351 | Carbon monoxide pollution and neurodevelopment: A public health concern. <i>Neurotoxicology and Teratology</i> , <b>2015</b> , 49, 31-40  | 3.9 | 59  |
| 350 | Direct contact with particulate matter increases oxidative stress in different brain structures. <b>2015</b> , 27, 462-7  |     | 37  |
| 349 | Air Pollution and Neuropsychological Development: A Review of the Latest Evidence. <b>2015</b> , 156, 3473-82   |     | 179 |
| 348 | Air pollution as a risk factor for type 2 diabetes. <b>2015</b> , 143, 231-41   |     | 74  |
| 347 | Neuromodulatory properties of fluorescent carbon dots: effect on exocytotic release, uptake and ambient level of glutamate and GABA in brain nerve terminals. <b>2015</b> , 59, 203-15  |     | 38  |
| 346 | Long-Term Air Pollution and Traffic Noise Exposures and Mild Cognitive Impairment in Older Adults: A Cross-Sectional Analysis of the Heinz Nixdorf Recall Study. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 1361-8 | 8.4 | 116 |
| 345 | Traffic-Related Air Pollution, Noise at School, and Behavioral Problems in Barcelona Schoolchildren: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 529-35                                    | 8.4 | 90  |
| 344 | Neurodevelopmental Deceleration by Urban Fine Particles from Different Emission Sources: A Longitudinal Observational Study. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 1630-1636                                  | 8.4 | 58  |
| 343 | Nanoscale Particulate Matter from Urban Traffic Rapidly Induces Oxidative Stress and Inflammation in Olfactory Epithelium with Concomitant Effects on Brain. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 1537-1546  | 8.4 | 84  |
| 342 | Ambient Air Pollution Exposures and Risk of Parkinson Disease. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 1759-1765  | 8.4 | 62  |
| 341 | Exposure to Road Traffic Noise and Behavioral Problems in 7-Year-Old Children: A Cohort Study. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 228-34   | 8.4 | 36  |
| 340 | Air Pollution Exposure during Pregnancy and Childhood Autistic Traits in Four European Population-Based Cohort Studies: The ESCAPE Project. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 133-40                      | 8.4 | 74  |
| 339 | Long-term PM2.5 Exposure and Neurological Hospital Admissions in the Northeastern United States. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 23-9   | 8.4 | 258 |
| 338 | A Voxel-Based Morphometry Study Reveals Local Brain Structural Alterations Associated with Ambient Fine Particles in Older Women. <b>2016</b> , 10, 495   |     | 62  |
| 337 | Exposure of BALB/c Mice to Diesel Engine Exhaust Origin Secondary Organic Aerosol (DE-SOA) during the Developmental Stages Impairs the Social Behavior in Adult Life of the Males. <b>2015</b> , 9, 524                               |     | 16  |
| 336 | Prenatal Exposure to Traffic-related Air Pollution and Child Behavioral Development Milestone Delays in Japan. <b>2016</b> , 27, 57-65  |     | 50  |

|     |   |      |     |
|-----|---|------|-----|
| 335 | Long-term air pollution and traffic noise exposures and cognitive function:A cross-sectional analysis of the Heinz Nixdorf Recall study. <b>2016</b> , 79, 1057-1069  |      | 35  |
| 334 | Association between neighbourhood air pollution concentrations and dispensed medication for psychiatric disorders in a large longitudinal cohort of Swedish children and adolescents. <b>2016</b> , 6, e010004                |      | 57  |
| 333 | Environmental pollutants and child health-A review of recent concerns. <b>2016</b> , 219, 331-42  |      | 194 |
| 332 | Cohort Profile: The ONtario Population Health and Environment Cohort (ONPHEC). <b>2017</b> , 46, 405-405j   |      | 22  |
| 331 | Environmental risk factors for dementia: a systematic review. <b>2016</b> , 16, 175   |      | 164 |
| 330 | Air Pollution and Emergency Department Visits for Depression: A Multicity Case-Crossover Study. <b>2016</b> , 10, 155-61  |      | 69  |
| 329 | Microglia as a Surrogate Biosensor to Determine Nanoparticle Neurotoxicity. <b>2016</b> ,   |      | 6   |
| 328 | Exposure to air pollution as a potential contributor to cognitive function, cognitive decline, brain imaging, and dementia: A systematic review of epidemiologic research. <i>NeuroToxicology</i> , <b>2016</b> , 56, 235-253 | 4.4  | 200 |
| 327 | Neuroactivity of detonation nanodiamonds: dose-dependent changes in transporter-mediated uptake and ambient level of excitatory/inhibitory neurotransmitters in brain nerve terminals. <b>2016</b> , 14, 25                   |      | 19  |
| 326 | Neurological Disorders from Ambient (Urban) Air Pollution Emphasizing UFPM and PM2.5. <b>2016</b> , 2, 203-211  |      | 16  |
| 325 | Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior. <i>Neurotoxicology and Teratology</i> , <b>2016</b> , 57, 60-70  | 3.9  | 47  |
| 324 | A cross-sectional survey of occupational history as a wildland firefighter and health. <b>2016</b> , 59, 330-5  |      | 14  |
| 323 | Prenatal particulate air pollution and neurodevelopment in urban children: Examining sensitive windows and sex-specific associations. <i>Environment International</i> , <b>2016</b> , 87, 56-65                              | 12.9 | 121 |
| 322 | Microglial priming through the lung-brain axis: the role of air pollution-induced circulating factors. <b>2016</b> , 30, 1880-91  |      | 92  |
| 321 | Effect of diesel exhaust inhalation on blood markers of inflammation and neurotoxicity: a controlled, blinded crossover study. <b>2016</b> , 28, 145-53   |      | 27  |
| 320 | Neurotoxicity of traffic-related air pollution. <i>NeuroToxicology</i> , <b>2017</b> , 59, 133-139  | 4.4  | 192 |
| 319 | Particulate air pollutants, APOE alleles and their contributions to cognitive impairment in older women and to amyloidogenesis in experimental models. <b>2017</b> , 7, e1022   |      | 209 |
| 318 | A joint ERS/ATS policy statement: what constitutes an adverse health effect of air pollution? An analytical framework. <b>2017</b> , 49,  |      | 230 |

|     |   |      |     |
|-----|---|------|-----|
| 317 | Response to the letter regarding the article: Association Between Perinatal Hypoxic-Ischemic Conditions and Attention-Deficit Hyperactivity Disorder (ADHD): A Meta-analysis. <b>2017</b> , 32, 686-687                                     |      | 1   |
| 316 | Developmental Neurotoxicity of Traffic-Related Air Pollution: Focus on Autism. <b>2017</b> , 4, 156-165   |      | 51  |
| 315 | Prenatal exposure to outdoor air pollution and child behavioral problems at school age in Japan. <i>Environment International</i> , <b>2017</b> , 99, 192-198   | 12.9 | 31  |
| 314 | Clinical effects of air pollution on the central nervous system; a review. <b>2017</b> , 43, 16-24  |      | 92  |
| 313 | Effect of exposure to polycyclic aromatic hydrocarbons on basal ganglia and attention-deficit hyperactivity disorder symptoms in primary school children. <i>Environment International</i> , <b>2017</b> , 105, 12-19                       | 12.9 | 70  |
| 312 | Particulate matter air pollution associated with hospital admissions for mental disorders: A time-series study in Beijing, China. <b>2017</b> , 44, 68-75   |      | 49  |
| 311 | Trade-offs of Personal Versus More Proxy Exposure Measures in Environmental Epidemiology. <b>2017</b> , 28, 635-643   |      | 78  |
| 310 | Harmful impact on presynaptic glutamate and GABA transport by carbon dots synthesized from sulfur-containing carbohydrate precursor. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 17688-17700                    | 5.1  | 13  |
| 309 | Air pollution and urbanicity: common risk factors for dementia and schizophrenia?. <b>2017</b> , 1, e90-e91   |      | 22  |
| 308 | The Association Between Air Pollution and Onset of Depression Among Middle-Aged and Older Women. <b>2017</b> , 185, 801-809   |      | 99  |
| 307 | Particulate matter air pollution from the city of Quito, Ecuador, activates inflammatory signaling pathways in vitro. <b>2017</b> , 23, 392-400   |      | 22  |
| 306 | Associations of long-term exposure to air pollution and road traffic noise with cognitive function-An analysis of effect measure modification. <i>Environment International</i> , <b>2017</b> , 103, 30-38                                  | 12.9 | 53  |
| 305 | Influence of exposure to coarse, fine and ultrafine urban particulate matter and their biological constituents on neural biomarkers in a randomized controlled crossover study. <i>Environment International</i> , <b>2017</b> , 101, 89-95 | 12.9 | 31  |
| 304 | The Effect of Metro Expansions on Air Pollution in Delhi. <b>2017</b> , 31, 271-294   |      | 7   |
| 303 | Living near major roads and the incidence of dementia, Parkinson's disease, and multiple sclerosis: a population-based cohort study. <b>2017</b> , 389, 718-726   |      | 401 |
| 302 | Systematic review of the association between particulate matter exposure and autism spectrum disorders. <i>Environmental Research</i> , <b>2017</b> , 153, 150-160  | 7.9  | 24  |
| 301 | Impact of commuting exposure to traffic-related air pollution on cognitive development in children walking to school. <i>Environmental Pollution</i> , <b>2017</b> , 231, 837-844   | 9.3  | 40  |
| 300 | Exposure to elemental composition of outdoor PM at birth and cognitive and psychomotor function in childhood in four European birth cohorts. <i>Environment International</i> , <b>2017</b> , 109, 170-180                                  | 12.9 | 23  |

|     |   |      |     |
|-----|---|------|-----|
| 299 | Increase in Medical Emergency Calls and Calls for Central Nervous System Symptoms During a Severe Air Pollution Event, January 2013, Jinan City, China. <b>2017</b> , 28 Suppl 1, S67-S73   |      | 13  |
| 298 | In vitro assessment of neurotoxicity and neuroinflammation of homemade MWCNTs. <b>2017</b> , 56, 121-128  |      | 27  |
| 297 | Longitudinal association between air pollution exposure at school and cognitive development in school children over a period of 3.5 years. <i>Environmental Research</i> , <b>2017</b> , 159, 416-421   | 7.9  | 42  |
| 296 | Air pollution and Parkinson's disease - evidence and future directions. <b>2017</b> , 32, 303-313   |      | 33  |
| 295 | Prenatal and postnatal exposure to NO and child attentional function at 4-5years of age. <i>Environment International</i> , <b>2017</b> , 106, 170-177  | 12.9 | 36  |
| 294 | The role of the lectin-like oxLDL receptor (LOX-1) in traffic-generated air pollution exposure-mediated alteration of the brain microvasculature in Apolipoprotein (Apo) E knockout mice. <b>2017</b> , 29, 266-281   |      | 19  |
| 293 | Examining the Relationship between Trace Lithium in Drinking Water and the Rising Rates of Age-Adjusted Alzheimer's Disease Mortality in Texas. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 61, 425-434   | 4.3  | 27  |
| 292 | Environment matters: microglia function and dysfunction in a changing world. <b>2017</b> , 47, 146-155  |      | 69  |
| 291 | Effect of long-term exposure to air pollution on anxiety and depression in adults: A cross-sectional study. <b>2017</b> , 220, 1074-1080  |      | 116 |
| 290 | Enrichment of Inorganic Martian Dust Simulant with Carbon Component can Provoke Neurotoxicity. <b>2017</b> , 29, 133-144  |      | 6   |
| 289 | Traffic-related Air Pollution and Attention in Primary School Children: Short-term Association. <b>2017</b> , 28, 181-189   |      | 50  |
| 288 | Exposure to ambient ultrafine particulate matter alters the expression of genes in primary human neurons. <i>NeuroToxicology</i> , <b>2017</b> , 58, 50-57  | 4.4  | 26  |
| 287 | Environmental pollution and risk of psychotic disorders: A review of the science to date. <b>2017</b> , 181, 55-59  |      | 87  |
| 286 | Third symposium on Environmental Toxicology in North Rhine-Westphalia, Germany: Interdisciplinary Research Activities in Toxicology, Statistics, Hygiene and Medicine : Meeting report on a symposium held in Dortmund May 7-8, 2015. <b>2017</b> , 91, 3711-3715 |      |     |
| 285 | Air pollution and dementia. <b>2017</b> , 1, 49-49  |      | 1   |
| 284 | Environmental health disparities in the Central Appalachian region of the United States. <b>2017</b> , 32, 253-266  |      | 16  |
| 283 | Toxicity of Titanium Dioxide Nanoparticles on Brain. <b>2017</b> , 99-125   |      | 2   |
| 282 | Gestational Exposure to Air Pollution Alters Cortical Volume, Microglial Morphology, and Microglia-Neuron Interactions in a Sex-Specific Manner. <b>2017</b> , 9, 10  |      | 87  |

|     |   |      |      |
|-----|---|------|------|
| 281 | Socioeconomic disparities and sexual dimorphism in neurotoxic effects of ambient fine particles on youth IQ: A longitudinal analysis. <b>2017</b> , 12, e0188731                                  |      | 16   |
| 280 | Traffic-Related Air Pollution and Neurodegenerative Diseases: Epidemiological and Experimental Evidence, and Potential Underlying Mechanisms. <b>2017</b> , 1, 1-46                               |      | 1    |
| 279 | NF- $\kappa$ B-regulated microRNA-574-5p underlies synaptic and cognitive impairment in response to atmospheric PM aspiration. <b>2017</b> , 14, 34   |      | 62   |
| 278 | Long-Term Air Pollution Exposure and Amyotrophic Lateral Sclerosis in Netherlands: A Population-based Case-control Study. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 097023    | 8.4  | 31   |
| 277 | Type 2 Diabetes Mellitus and Alzheimer's Disease: Overlapping Biologic Mechanisms and Environmental Risk Factors. <b>2018</b> , 5, 44-58  |      | 23   |
| 276 | The child health exposure analysis resource as a vehicle to measure environment in the environmental influences on child health outcomes program. <b>2018</b> , 30, 285-291                       |      | 12   |
| 275 | Air Pollution Exposure During Fetal Life, Brain Morphology, and Cognitive Function in School-Age Children. <b>2018</b> , 84, 295-303  |      | 89   |
| 274 | Comparative Analysis of Neurotoxic Potential of Synthesized, Native, and Physiological Nanoparticles. <b>2018</b> , 203-227   |      | 3    |
| 273 | Prenatal and early-life diesel exhaust exposure causes autism-like behavioral changes in mice. <b>2018</b> , 15, 18   |      | 27   |
| 272 | The relationship between fine particulate matter (PM) and schizophrenia severity. <b>2018</b> , 91, 613-622   |      | 9    |
| 271 | Household incense burning and infant gross motor development: Results from the Taiwan Birth Cohort Study. <i>Environment International</i> , <b>2018</b> , 115, 110-116                           | 12.9 | 16   |
| 270 | Beyond infection - Maternal immune activation by environmental factors, microglial development, and relevance for autism spectrum disorders. <b>2018</b> , 299, 241-251                           |      | 147  |
| 269 | The Lancet Commission on pollution and health. <b>2018</b> , 391, 462-512   |      | 1639 |
| 268 | Effect of Particulate Matter Air Pollution on Cardiovascular Oxidative Stress Pathways. <b>2018</b> , 28, 797-818   |      | 144  |
| 267 | Climate Change and Air Pollution. <b>2018</b> ,   |      | 7    |
| 266 | Climate Change, Air Pollution and Health in South Africa. <b>2018</b> , 327-347   |      | 2    |
| 265 | Emergency multiple sclerosis hospital admissions attributable to chemical and acoustic pollution: Madrid (Spain), 2001-2009. <i>Science of the Total Environment</i> , <b>2018</b> , 612, 111-118 | 10.2 | 13   |
| 264 | Ambient air pollution and daily hospital admissions for mental disorders in Shanghai, China. <i>Science of the Total Environment</i> , <b>2018</b> , 613-614, 324-330                             | 10.2 | 71   |



|     |  |     |     |
|-----|--|-----|-----|
| 263 | Outdoor and indoor air quality and cognitive ability in young children. <i>Environmental Research</i> , <b>2018</b> , 161, 321-328   | 7.9 | 18  |
| 262 | Longitudinal Analysis of Particulate Air Pollutants and Adolescent Delinquent Behavior in Southern California. <b>2018</b> , 46, 1283-1293   |     | 24  |
| 261 | Nano- and neurotoxicology: An emerging discipline. <b>2018</b> , 160, 45-63  |     | 46  |
| 260 | A critical review of developmental exposure to particulate matter, autism spectrum disorder, and attention deficit hyperactivity disorder. <b>2018</b> , 53, 174-204                             |     | 15  |
| 259 | Residential exposure to air pollution and incidence of Parkinson disease in a large metropolitan cohort. <b>2018</b> , 2, e023   |     | 11  |
| 258 | Air Pollution Exposure During Pregnancy and Symptoms of Attention Deficit and Hyperactivity Disorder in Children in Europe. <b>2018</b> , 29, 618-626  |     | 34  |
| 257 | Air Pollution and Analyst Information Production. <i>SSRN Electronic Journal</i> , <b>2018</b> ,   | 1   |     |
| 256 | Particulate Matter and Cognitive Function. <b>2018</b> , 57, 81  |     | 0   |
| 255 | Another Potential Risk Factor for ALS: Exposure to Traffic-Related Air Pollutants. <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 024004  | 8.4 | 2   |
| 254 | Are noise and air pollution related to the incidence of dementia? A cohort study in London, England. <b>2018</b> , 8, e022404  |     | 94  |
| 253 | Implications of Combined Exposure to Household Air Pollution and HIV on Neurocognition in Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15, | 4.6 | 12  |
| 252 | Air Pollution and Cardiovascular Disease: JACC State-of-the-Art Review. <b>2018</b> , 72, 2054-2070  |     | 370 |
| 251 | Exposure to Outdoor Particles (PM2.5) and Associated Child Morbidity and Mortality in Socially Deprived Neighborhoods of Nairobi, Kenya. <b>2018</b> , 9, 351                                    |     | 12  |
| 250 | Hazed and Confused: The Effect of Air Pollution on Dementia. <b>2018</b> ,   |     | 17  |
| 249 | Nanostructures: between natural environment and medical practice. <b>2018</b> , 33, 295-307  |     | 11  |
| 248 | Microbial exposure and human health. <b>2018</b> , 44, 79-87   |     | 15  |
| 247 | Association between air pollution from residential wood burning and dementia incidence in a longitudinal study in Northern Sweden. <b>2018</b> , 13, e0198283                                    |     | 51  |
| 246 | Life cycle assessment of concrete production with a focus on air pollutants and the desired risk parameters using genetic algorithm. <b>2018</b> , 16, 89-98                                     |     | 6   |

|     |   |      |     |
|-----|---|------|-----|
| 245 | Ambient air pollution exposure and emergency department visits for substance abuse. <b>2018</b> , 13, e0199826  |      | 20  |
| 244 | Effect of Selenium and Vitamin E Supplementation on Lactate, Cortisol, and Malondialdehyde in Horses Undergoing Moderate Exercise in a Polluted Environment. <b>2018</b> , 69, 136-144  |      | 2   |
| 243 | Nervous System Injury in Response to Contact With Environmental, Engineered and Planetary Micro- and Nano-Sized Particles. <b>2018</b> , 9, 728   |      | 27  |
| 242 | Severe Urban Outdoor Air Pollution and Children's Structural and Functional Brain Development, From Evidence to Precautionary Strategic Action. <i>Frontiers in Public Health</i> , <b>2018</b> , 6, 95   | 6    | 15  |
| 241 | Long-term exposure to ambient air pollution and autism spectrum disorder in children: A case-control study in Tehran, Iran. <i>Science of the Total Environment</i> , <b>2018</b> , 643, 1216-1222  | 10.2 | 37  |
| 240 | Microglial Immune Response to Low Concentrations of Combustion-Generated Nanoparticles: An In Vitro Model of Brain Health. <b>2018</b> , 8,   |      | 6   |
| 239 | Reduced cognitive function during a heat wave among residents of non-air-conditioned buildings: An observational study of young adults in the summer of 2016. <b>2018</b> , 15, e1002605  |      | 53  |
| 238 | The association between daily concentrations of air pollution and visits to a psychiatric emergency unit: a case-crossover study. <b>2018</b> , 17, 4   |      | 37  |
| 237 | Acute diesel exhaust exposure and postural stability: a controlled crossover experiment. <b>2018</b> , 13, 2  |      | 6   |
| 236 | The impact of exposure to air pollution on cognitive performance. <b>2018</b> , 115, 9193-9197  |      | 258 |
| 235 | Sources and Health Risks of Heavy Metals in PM2.5 in a Campus in a Typical Suburb Area of Taiyuan, North China. <b>2018</b> , 9, 46   |      | 13  |
| 234 | Danger in the Air: Air Pollution and Cognitive Dysfunction. <b>2018</b> , 33, 333-341   |      | 21  |
| 233 | Ambient fine particulate matter is associated with increased emergency ambulance dispatches for psychiatric emergencies. <i>Environmental Research</i> , <b>2019</b> , 177, 108611  | 7.9  | 4   |
| 232 | Association between prenatal exposure to household inhalants exposure and ADHD-like behaviors at around 3 years of age: Findings from Shenzhen Longhua Child Cohort Study. <i>Environmental Research</i> , <b>2019</b> , 177, 108612                | 7.9  | 11  |
| 231 | Long-term exposure to air pollution and hospitalization for dementia in the Rome longitudinal study. <b>2019</b> , 18, 72   |      | 26  |
| 230 | Airborne Magnetite- and Iron-Rich Pollution Nanoparticles: Potential Neurotoxicants and Environmental Risk Factors for Neurodegenerative Disease, Including Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 71, 361-375  | 4.3  | 36  |
| 229 | Fine particulate matter is a potential determinant of Alzheimer's disease: A systemic review and meta-analysis. <i>Environmental Research</i> , <b>2019</b> , 177, 108638   | 7.9  | 45  |
| 228 | Proteomic changes driven by urban pollution suggest particulate matter as a deregulator of energy metabolism, mitochondrial activity, and oxidative pathways in the rat brain. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 839-848 | 10.2 | 13  |

|     |   |      |    |
|-----|---|------|----|
| 227 | Prenatal and postnatal exposure to air pollution and emotional and aggressive symptoms in children from 8 European birth cohorts. <i>Environment International</i> , <b>2019</b> , 131, 104927            | 12.9 | 25 |
| 226 | [Breathing: Ambient Air Pollution and Health - Part III]. <b>2019</b> , 73, 407-429   |      | 3  |
| 225 | Developmental impact of air pollution on brain function. <b>2019</b> , 131, 104580  |      | 28 |
| 224 | Gestational diabetes mellitus, prenatal air pollution exposure, and autism spectrum disorder. <i>Environment International</i> , <b>2019</b> , 133, 105110  | 12.9 | 15 |
| 223 | Sex-specific associations of autism spectrum disorder with residential air pollution exposure in a large Southern California pregnancy cohort. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113010 | 9.3  | 26 |
| 222 | Stress hormones as potential mediators of air pollutant effects on the brain: Rapid induction of glucocorticoid-responsive genes. <i>Environmental Research</i> , <b>2019</b> , 178, 108717               | 7.9  | 22 |
| 221 | Pediatric Psychiatric Emergency Department Utilization and Fine Particulate Matter: A Case-Crossover Study. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 97006                           | 8.4  | 17 |
| 220 | Respiratory gases, air pollution and epilepsy. <b>2019</b> , 175, 604-613   |      | 7  |
| 219 | Prenatal particulate air pollution exposure and sleep disruption in preschoolers: Windows of susceptibility. <i>Environment International</i> , <b>2019</b> , 124, 329-335                                | 12.9 | 24 |
| 218 | Short-term PM exposure and emergency hospital admissions for mental disease. <i>Environmental Research</i> , <b>2019</b> , 171, 313-320   | 7.9  | 34 |
| 217 | Impact of air pollution waves on the burden of stroke in a megacity in China. <b>2019</b> , 202, 142-148  |      | 5  |
| 216 | Brain Fog: Does Air Pollution Make Us Less Productive?. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 52001   | 8.4  | 3  |
| 215 | "Happiness in the air?" the effects of air pollution on adolescent happiness. <b>2019</b> , 19, 795   |      | 6  |
| 214 | The impact of frying aerosol on human brain activity. <i>NeuroToxicology</i> , <b>2019</b> , 74, 149-161  | 4.4  | 12 |
| 213 | Prenatal air pollution and childhood IQ: Preliminary evidence of effect modification by folate. <i>Environmental Research</i> , <b>2019</b> , 176, 108505   | 7.9  | 13 |
| 212 | Nanoparticle exposure driven circulating bioactive peptidome causes systemic inflammation and vascular dysfunction. <b>2019</b> , 16, 20  |      | 27 |
| 211 | Characteristics, sources and health risks of PM2.5-bound potentially toxic elements in the northern rural China. <b>2019</b> , 10, 1621-1626  |      | 14 |
| 210 | Air Pollution, Stress, and Allostatic Load: Linking Systemic and Central Nervous System Impacts. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 69, 597-614  | 4.3  | 78 |

|     |  |      |    |
|-----|--|------|----|
| 209 | Parkinson's disease and long-term exposure to outdoor air pollution: A matched case-control study in the Netherlands. <i>Environment International</i> , <b>2019</b> , 129, 28-34                        | 12.9 | 22 |
| 208 | Blood BTEX levels and neurologic symptoms in Gulf states residents. <i>Environmental Research</i> , <b>2019</b> , 175, 100-107   | 7.9  | 8  |
| 207 | Prevalence of dementia in the People's Republic of China from 1985 to 2015: a systematic review and meta-regression analysis. <b>2019</b> , 19, 578  |      | 14 |
| 206 | The Association between Long-Term Air Pollution and Urinary Catecholamines: Evidence from the Multi-Ethnic Study of Atherosclerosis. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 57007 | 8.4  | 17 |
| 205 | The quality of air outside and inside the home: associations with emotional and behavioural problem scores in early childhood. <b>2019</b> , 19, 406   |      | 8  |
| 204 | Carbon monoxide and risk of outpatient visits due to cause-specific diseases: a time-series study in Yichang, China. <b>2019</b> , 18, 36  |      | 11 |
| 203 | A review of the possible associations between ambient PM2.5 exposures and the development of Alzheimer's disease. <b>2019</b> , 174, 344-352   |      | 99 |
| 202 | Multicentre, population-based, case-control study of particulates, combustion products and amyotrophic lateral sclerosis risk. <b>2019</b> , 90, 854-860   |      | 8  |
| 201 | Prenatal exposure to PM and NO and sex-dependent infant cognitive and motor development. <i>Environmental Research</i> , <b>2019</b> , 174, 114-121  | 7.9  | 30 |
| 200 | lifetime exposure to traffic-related air pollution and symptoms of depression and anxiety at age 12 years. <i>Environmental Research</i> , <b>2019</b> , 173, 199-206                                    | 7.9  | 27 |
| 199 | Ambient Air Pollution, Noise, and Late-Life Cognitive Decline and Dementia Risk. <b>2019</b> , 40, 203-220   |      | 59 |
| 198 | Healthy Air, Healthy Brains: Advancing Air Pollution Policy to Protect Children's Health. <b>2019</b> , 109, 550-554   |      | 34 |
| 197 | Association between particulate matter air pollution and risk of depression and suicide: systematic review and meta-analysis. <b>2019</b> , 215, 456-467   |      | 47 |
| 196 | Repeated gestational exposure to diesel engine exhaust affects the fetal olfactory system and alters olfactory-based behavior in rabbit offspring. <b>2019</b> , 16, 5                                   |      | 16 |
| 195 | Express assessment of neurotoxicity of particles of planetary and interstellar dust. <b>2019</b> , 5, 2  |      | 14 |
| 194 | Exposure to Nanoscale Particulate Matter from Gestation to Adulthood Impairs Metabolic Homeostasis in Mice. <b>2019</b> , 9, 1816  |      | 13 |
| 193 | Air Pollution and Risk of Neurobehavioral Problems: Is [Formula: see text] Status a Factor?. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 24002   | 8.4  | 1  |
| 192 | The role of neuroinflammation in developmental neurotoxicity, tackling complexity in children's exposures and outcomes. <b>2019</b> , 223-257  |      | 0  |

|     |   |     |     |
|-----|---|-----|-----|
| 191 | Air Pollution in an Urban Area of Mexico: Sources of Emission (Vehicular, Natural, Industrial, and Brick Production). <b>2019</b> ,   |     | 0   |
| 190 | Air Pollution (Particulate Matter) Exposure and Associations with Depression, Anxiety, Bipolar, Psychosis and Suicide Risk: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 126002 | 8.4 | 151 |
| 189 | Outdoor Air Pollution and Brain Structure and Function From Across Childhood to Young Adulthood: A Methodological Review of Brain MRI Studies. <i>Frontiers in Public Health</i> , <b>2019</b> , 7, 332                                 | 6   | 14  |
| 188 | Neurobehavioral Consequences of Traffic-Related Air Pollution. <b>2019</b> , 13, 1232   |     | 19  |
| 187 | Air pollution and Parkinson's disease: A systematic review and meta-analysis up to 2018. <b>2019</b> , 222, 402-409   |     | 47  |
| 186 | Association between ambient air pollution and Parkinson's disease: Systematic review and meta-analysis. <i>Environmental Research</i> , <b>2019</b> , 168, 448-459  | 7.9 | 33  |
| 185 | Exposure to nanoscale diesel exhaust particles: Oxidative stress, neuroinflammation, anxiety and depression on adult male mice. <b>2019</b> , 168, 338-347  |     | 48  |
| 184 | Cleaner Production. <b>2020</b> ,   |     | 24  |
| 183 | Global Population Growth and Industrial Impact on the Environment. <b>2020</b> , 33-75  |     | 4   |
| 182 | Acute Exposure to SiO Nanoparticles Affects Protein Synthesis in Bergmann Glia Cells. <b>2020</b> , 37, 366-379   |     | 3   |
| 181 | Air pollutants and daily number of admissions to psychiatric emergency services: evidence for detrimental mental health effects of ozone. <b>2019</b> , 29, e66   |     | 23  |
| 180 | Air pollution and analyst information production. <b>2020</b> , 60, 101536  |     | 8   |
| 179 | Exposure to ambient air pollution and early childhood behavior: A longitudinal cohort study. <i>Environmental Research</i> , <b>2020</b> , 183, 109075  | 7.9 | 11  |
| 178 | Exposure to ambient dusty particulate matter impairs spatial memory and hippocampal LTP by increasing brain inflammation and oxidative stress in rats. <b>2020</b> , 242, 117210  |     | 23  |
| 177 | Short review: Air pollution, noise and lack of greenness as risk factors for Alzheimer's disease-epidemiologic and experimental evidence. <b>2020</b> , 134, 104646   |     | 20  |
| 176 | Physical and chemical properties of non-exhaust particles generated from wear between pavements and tyres. <b>2020</b> , 224, 117252  |     | 32  |
| 175 | Maternal cooking during pregnancy may increase hyperactive behaviors among children aged at around 3 years old. <b>2020</b> , 30, 126-136   |     | 5   |
| 174 | Exposure to air pollution in early childhood and the association with Attention-Deficit Hyperactivity Disorder. <i>Environmental Research</i> , <b>2020</b> , 183, 108930   | 7.9 | 16  |

|     |   |      |     |
|-----|---|------|-----|
| 173 | The impact of long-term exposure to ambient air pollution and second-hand smoke on the onset of Parkinson disease: a review and meta-analysis. <b>2020</b> , 179, 100-110   |      | 19  |
| 172 | Air Pollutants and Daily Hospital Admissions for Psychiatric Care: A Review. <b>2020</b> , 71, 1270-1276  |      | 10  |
| 171 | Effects of PM on Third Grade Students' Proficiency in Math and English Language Arts. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,  | 4.6  | 10  |
| 170 | Long-term effects of PM on neurological disorders in the American Medicare population: a longitudinal cohort study. <b>2020</b> , 4, e557-e565  |      | 53  |
| 169 | Biological and environmental predictors of heterogeneity in neurocognitive ageing: Evidence from Betula and other longitudinal studies. <b>2020</b> , 64, 101184  |      | 23  |
| 168 | Prenatal PM exposure and behavioral development in children from Mexico City. <i>NeuroToxicology</i> , <b>2020</b> , 81, 109-115  | 4.4  | 9   |
| 167 | Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <i>Environment International</i> , <b>2020</b> , 143, 105933  | 12.9 | 23  |
| 166 | Traffic-Related Air Pollution and Incident Dementia: Direct and Indirect Pathways Through Metabolic Dysfunction. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 76, 1477-1491  | 4.3  | 11  |
| 165 | Examining the relationship between ambient carbon monoxide, nitrogen dioxide, and mental health-related emergency department visits in California, USA. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 140915 | 10.2 | 11  |
| 164 | Association between short-term exposure to ambient particulate air pollution and biomarkers of oxidative stress: A meta-analysis. <i>Environmental Research</i> , <b>2020</b> , 191, 110105                                 | 7.9  | 15  |
| 163 | Mental health consequences of urban air pollution: prospective population-based longitudinal survey. <b>2021</b> , 56, 1587-1599  |      | 20  |
| 162 | Developmental exposure to near roadway pollution produces behavioral phenotypes relevant to neurodevelopmental disorders in juvenile rats. <b>2020</b> , 10, 289  |      | 13  |
| 161 | Impact of Air Pollution on Cognitive Impairment in Older People: A Cohort Study in Rural and Suburban China. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 77, 1671-1679  | 4.3  | 6   |
| 160 | Long-Term Exposure to Air Pollutants and Cognitive Function in Taiwanese Community-Dwelling Older Adults: A Four-Year Cohort Study. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 78, 1585-1600                     | 4.3  | 4   |
| 159 | Susceptibility Factors in Chronic Lung Inflammatory Responses to Engineered Nanomaterials. <b>2020</b> , 21,  |      | 4   |
| 158 | Research on The Relationship between Air Pollution and College Students' exam Scores. <b>2020</b> ,   |      |     |
| 157 | Environmental determinants of cardiovascular disease: lessons learned from air pollution. <b>2020</b> , 17, 656-672   |      | 107 |
| 156 | Exposure to air pollution and cognitive impairment risk: a meta-analysis of longitudinal cohort studies with dose-response analysis. <b>2020</b> , 10, 010417   |      | 12  |

|     |  |      |    |
|-----|--|------|----|
| 155 | Prenatal particulate air pollution and newborn telomere length: Effect modification by maternal antioxidant intakes and infant sex. <i>Environmental Research</i> , <b>2020</b> , 187, 109707  | 7.9  | 12 |
| 154 | News Feature: How air pollution threatens brain health. <b>2020</b> , 117, 13856-13860   |      | 24 |
| 153 | Associations of Air Pollution and Noise with Local Brain Structure in a Cohort of Older Adults. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 67012                            | 8.4  | 11 |
| 152 | Air Pollution as Risk Factor for Mental Disorders: In Search for a Possible Link with Alzheimer's Disease and Schizophrenia. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 76, 825-830 | 4.3  | 4  |
| 151 | Air Pollution and Environmental Health. <i>Environmental Chemistry for A Sustainable World</i> , <b>2020</b> ,   | 0.8  | 5  |
| 150 | The interrupted effect of autophagic flux and lysosomal function induced by graphene oxide in p62-dependent apoptosis of F98 cells. <b>2020</b> , 18, 52                                       |      | 14 |
| 149 | Olfactory cell cultures to investigate health effects of air pollution exposure: Implications for neurodegeneration. <b>2020</b> , 136, 104729   |      | 3  |
| 148 | Association Between Outdoor Air Pollution and Risk of Malignant and Benign Brain Tumors: The Multiethnic Cohort Study. <b>2020</b> , 4, pkz107   |      | 10 |
| 147 | Imaging methods used in the assessment of environmental disease networks: a brief review for clinicians. <b>2020</b> , 11, 18  |      | 3  |
| 146 | Effects of air pollution on the nervous system and its possible role in neurodevelopmental and neurodegenerative disorders. <b>2020</b> , 210, 107523  |      | 77 |
| 145 | The effects of three types of China's official turnover on air quality: A regression discontinuity study. <b>2020</b> , 51, 1081-1101  |      | 3  |
| 144 | Exposure to Air Pollution during Pregnancy and Childhood, and White Matter Microstructure in Preadolescents. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 27005               | 8.4  | 12 |
| 143 | The role of air pollution in cognitive impairment and decline. <b>2020</b> , 136, 104708   |      | 20 |
| 142 | Exposure to air pollution during childhood and risk of developing schizophrenia: a national cohort study. <b>2020</b> , 4, e64-e73   |      | 23 |
| 141 | Is traffic accident related to air pollution? A case report from an island of Taihu Lake, China. <b>2020</b> , 11, 1028-1033   |      | 17 |
| 140 | Attributable risk and economic cost of hospital admissions for mental disorders due to PM in Beijing. <i>Science of the Total Environment</i> , <b>2020</b> , 718, 137274                      | 10.2 | 16 |
| 139 | Durational effect of particulate matter air pollution wave on hospital admissions for schizophrenia. <i>Environmental Research</i> , <b>2020</b> , 187, 109571                                 | 7.9  | 10 |
| 138 | Environmental pollution and mental health: a narrative review of literature. <b>2021</b> , 26, 51-61   |      | 11 |



|     |  |     |    |
|-----|--|-----|----|
| 137 | Association Between Ambient Air Pollution and Amyloid Positron Emission Tomography Positivity in Older Adults With Cognitive Impairment. <b>2021</b> , 78, 197-207                                       |     | 16 |
| 136 | Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. <i>Environmental Research</i> , <b>2021</b> , 198, 110446  | 7.9 | 7  |
| 135 | On the association between high outdoor thermo-hygrometric comfort index and severe ground-level ozone: A first investigation. <i>Environmental Research</i> , <b>2021</b> , 195, 110306                 | 7.9 | 3  |
| 134 | The Effects of Local Industrial Pollution on Students and Schools. <b>2021</b> , 56, 406-445   |     | 5  |
| 133 | Endocrine disrupting chemicals (EDCs) and the neuroendocrine system: Beyond estrogen, androgen, and thyroid. <b>2021</b> , 92, 101-150   |     | 2  |
| 132 | Brain correlates of urban environmental exposures in cognitively unimpaired individuals at increased risk for Alzheimer's disease: A study on Barcelona's population. <b>2021</b> , 13, e12205           |     | 0  |
| 131 | Factors that affect function of the attention control system. <b>2021</b> , 149-166  |     |    |
| 130 | Mitochondria and traffic-related air pollution linked coronary artery calcification: exploring the missing link. <b>2021</b> , 36, 545-563   |     | 1  |
| 129 | Long-term exposure to fine particulate matter and dementia incidence: A cohort study in Hong Kong. <i>Environmental Pollution</i> , <b>2021</b> , 271, 116303  | 9.3 | 10 |
| 128 | The Impact of Air Pollution on Neurodegenerative Diseases. <b>2021</b> , 43, 69-78   |     | 5  |
| 127 | Does living close to a petrochemical complex increase the adverse psychological effects of the COVID-19 lockdown?. <b>2021</b> , 16, e0249058  |     | 1  |
| 126 | Air pollution and mental health: the moderator effect of health behaviors. <b>2021</b> , 16, 044005  |     | 5  |
| 125 | Particulate Matter Exposure Exacerbates Amyloid- $\beta$ Plaque Deposition and Gliosis in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 80, 761-774                                | 4.3 | 7  |
| 124 | Prenatal exposure to airborne particulate matter of 1 $\mu$ m or less and fetal growth: A birth cohort study in Beijing, China. <i>Environmental Research</i> , <b>2021</b> , 194, 110729                | 7.9 | 1  |
| 123 | Defining and Intervening on Cumulative Environmental Neurodevelopmental Risks: Introducing a Complex Systems Approach. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 35001               | 8.4 | 6  |
| 122 | Outdoor Air Pollution and Depression in Canada: A Population-Based Cross-Sectional Study from 2011 to 2016. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18, | 4.6 | 6  |
| 121 | Exposure to PM <sub>2.5</sub> aggravates Parkinson's disease via inhibition of autophagy and mitophagy pathway. <i>Toxicology</i> , <b>2021</b> , 456, 152770  | 4.4 | 5  |
| 120 | Air pollution, surrounding green, road proximity and Parkinson's disease: A prospective cohort study. <i>Environmental Research</i> , <b>2021</b> , 197, 111170  | 7.9 | 9  |



|     |   |      |    |
|-----|---|------|----|
| 119 | Effects of air pollution exposure on social behavior: a synthesis and call for research. <b>2021</b> , 20, 72   |      | 4  |
| 118 | The impact of long- and short-term exposure to different ambient air pollutants on cognitive function in China. <i>Environment International</i> , <b>2021</b> , 151, 106416                                      | 12.9 | 10 |
| 117 | The Air We Breathe: Air Pollution as a Prevalent Proinflammatory Stimulus Contributing to Neurodegeneration. <b>2021</b> , 15, 647643   |      | 6  |
| 116 | Air Pollution: A Neglected Risk Factor for Dementia in Latin America and the Caribbean. <b>2021</b> , 12, 684524  |      |    |
| 115 | Exposure to low-dose ambient fine particulate matter PM2.5 and Alzheimer's disease, non-Alzheimer's dementia, and Parkinson's disease in North Carolina. <b>2021</b> , 16, e0253253                               |      | 7  |
| 114 | Air Pollution Particulate Matter Exposure and Chronic Cerebral Hypoperfusion and Measures of White Matter Injury in a Murine Model. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 87006           | 8.4  | 3  |
| 113 | Associations of particulate matter with dementia and mild cognitive impairment in China: A multicenter cross-sectional study. <i>Innovation(China)</i> , <b>2021</b> , 2, 100147                                  | 17.8 | 3  |
| 112 | Diosgenin Prevents Microglial Activation and Protects Dopaminergic Neurons from Lipopolysaccharide-Induced Neural Damage In Vitro and In Vivo. <b>2021</b> , 22,  |      | 1  |
| 111 | Is the Exposome Involved in Brain Disorders through the Serotonergic System?. <b>2021</b> , 9,  |      | 0  |
| 110 | Environmental Nanoparticles: Focus on Multipollutant Strategy for Environmental Quality and Health Risk Estimations. <b>2022</b> , 305-321  |      | 0  |
| 109 | Neurological susceptibility to environmental exposures: pathophysiological mechanisms in neurodegeneration and multiple chemical sensitivity. <b>2021</b> ,   |      | 3  |
| 108 | Critical success factors (CSFs) for motivating end-user stakeholder support for ensuring sustainability of PPP projects in Nigerian host communities. <b>2021</b> , ahead-of-print,                               |      | 0  |
| 107 | Short-term effect of air pollution on attention function in adolescents (ATENC!): A randomized controlled trial in high schools in Barcelona, Spain. <i>Environment International</i> , <b>2021</b> , 156, 106614 | 12.9 | 1  |
| 106 | Exposure to ambient air pollution during childhood and subsequent risk of self-harm: A national cohort study. <b>2021</b> , 152, 106502   |      | 1  |
| 105 | Exposure to e-cigarette aerosol over two months induces accumulation of neurotoxic metals and alteration of essential metals in mouse brain. <i>Environmental Research</i> , <b>2021</b> , 202, 111557            | 7.9  | 2  |
| 104 | Effects of particulate matter and nicotine for the MPP+-induced SH-SY5Y cells: Implication for Parkinson's disease. <b>2021</b> , 765, 136265   |      | 0  |
| 103 | Exposure to black carbon is associated with symptoms of depression: A retrospective cohort study in college students. <i>Environment International</i> , <b>2021</b> , 157, 106870                                | 12.9 | 7  |
| 102 | Air Pollutants and Neurological Disorders: From Exposure to Preventive Interventions. <b>2021</b> , 31-47   |      | 0  |

|     |   |     |    |
|-----|---|-----|----|
| 101 | A Workshop on Cognitive Aging and Impairment in the 9/11-Exposed Population. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,   | 4.6 | 5  |
| 100 | Association between particulate matter air pollution and risk of depression and suicide: a systematic review and meta-analysis. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 9029-9049                             | 5.1 | 23 |
| 99  | Particulate Air Pollution and CNS Health. <b>2015</b> , 269-288   |     | 3  |
| 98  | Air Pollution in Cities: Urban and Transport Planning Determinants and Health in Cities. <b>2019</b> , 425-441  |     | 10 |
| 97  | Respirable nano-particulate generations and their pathogenesis in mining workplaces: a review. <b>2021</b> , 8, 179   |     | 11 |
| 96  | Chapter 11: Mechanism of Action of Combustion-derived Nanoparticles. <b>2015</b> , 361-381  |     | 1  |
| 95  | Socioeconomic Disparities and Sexual Dimorphism in Neurotoxic Effects of Ambient Fine Particles on Youth IQ: A Longitudinal Analysis.   |     | 1  |
| 94  | Exposure to Traffic-Generated Pollutants Exacerbates the Expression of Factors Associated with the Pathophysiology of Alzheimer's Disease in Aged C57BL/6 Wild-Type Mice. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 78, 1453-1471 | 4.3 | 2  |
| 93  | Energetic and Environmental Aspects of Individual Heat Generation for Sustainable Development at a Local Scale: A Case Study from Poland. <b>2020</b> , 13, 454   |     | 30 |
| 92  | Indoor Air Quality Real-Time Monitoring Results of Pathology Department. <b>2015</b> , 06, 851-856  |     | 2  |
| 91  | Air Pollution in Major Chinese Cities: Some Progress, But Much More to Do. <b>2016</b> , 7, 2081-2094   |     | 10 |
| 90  | Air Quality, Health and Community Action. <b>2017</b> , 08, 1057-1074   |     | 5  |
| 89  | Current Status and Future Prospect of Brain Training Platforms for Older Adults. <b>2022</b> , 140-148  |     |    |
| 88  | Airborne particulate matter in an iron mining city: Characterization, cell uptake and cytotoxicity effects of nanoparticles from PM2.5, PM10 and PM20 on human lung cells. <i>Environmental Advances</i> , <b>2021</b> , 6, 100125            | 3.5 | 3  |
| 87  | Neuroprotection Versus Neurotoxicity. <b>2014</b> , 145-172   |     | 0  |
| 86  | In Reply. <i>Deutsches Arzteblatt International</i> , <b>2015</b> , 112, 757  | 2.5 | 0  |
| 85  | Longitudinal Analysis of Particulate Air Pollutants and Adolescent Delinquent Behavior in Southern California.  |     | 0  |
| 84  | Air Pollution and Children's Health: Living in Urban Areas in Developing Countries. <b>2019</b> , 43-54   |     |    |

|    |   |      |   |
|----|---|------|---|
| 83 | ????????????????: ?? APOE ε ??????. <i>Environmental Health Perspectives (Chinese)</i> , <b>2019</b> , 127, 014010  | 0    |   |
| 82 | ?????????????????. <i>Environmental Health Perspectives (Chinese)</i> , <b>2019</b> , 127, 032002   | 0    |   |
| 81 | Does particulate matter affect cognitive performance? Evidence from the city of Seoul. <i>American Journal of Health Economics</i> ,  | 1.8  |   |
| 80 | Does living close to petrochemical complex increase the adverse psychological effects of COVID-19 lockdown?.  |      |   |
| 79 | Urban environment and cognitive and motor function in children from four European birth cohorts. <i>Environment International</i> , <b>2021</b> , 158, 106933                                       | 12.9 | 5 |
| 78 | Air Pollution Exposure Studies Related to Human Health. <i>Environmental Chemistry for A Sustainable World</i> , <b>2020</b> , 141-177  | 0.8  | 1 |
| 77 | A Decade of Decline in Serious Cognitive Problems Among Older Americans: A Population-Based Study of 5.4 Million Respondents. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> ,                 | 4.3  | 1 |
| 76 | Prenatal exposure to air pollution and neurodevelopmental delay in children: A birth cohort study in Foshan, China. <i>Science of the Total Environment</i> , <b>2021</b> , 816, 151658             | 10.2 | 1 |
| 75 | Alcohol consumption, poor lifestyle choices, and air pollution worsen cognitive function in seniors: a cohort study in China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1 | 5.1  | 0 |
| 74 | Environmental triggers of Parkinson's disease - Implications of the Braak and dual-hit hypotheses.. <i>Neurobiology of Disease</i> , <b>2021</b> , 163, 105601                                      | 7.5  | 1 |
| 73 | Prenatal PM exposure and infant temperament at age 6 months: Sensitive windows and sex-specific associations.. <i>Environmental Research</i> , <b>2021</b> , 206, 112583                            | 7.9  | 0 |
| 72 | Pre- and postnatal exposure to multiple ambient air pollutants and child behavioral problems at five years of age.. <i>Environmental Research</i> , <b>2021</b> , 206, 112526                       | 7.9  | 0 |
| 71 | SYNERGISM AND ANTAGONISM OF INFLUENCE LOW DOSE RADIATION AND ENVIRONMENT ON HEALTH OF POPULATION IN UKRAINE. <b>2019</b> , 53-59  |      |   |
| 70 | Long-term effects of PM components on incident dementia in the northeastern United States.. <i>Innovation(China)</i> , <b>2022</b> , 3, 100208  | 17.8 | 2 |
| 69 | In-Utero Neurotoxicity of Nanoparticles.  |      |   |
| 68 | Air Pollution and the Risk of Parkinson's Disease: A Review.. <i>Movement Disorders</i> , <b>2022</b> ,   | 7    | 2 |
| 67 | Prenatal Exposure to Air Pollution and Autism Spectrum Disorder: Sensitive Windows of Exposure and Sex Differences.. <i>Environmental Health Perspectives</i> , <b>2022</b> , 130, 17008            | 8.4  | 4 |
| 66 | Neurotoxicity related exposure to ambient nanoparticles. <i>Journal of Neuroscience and Neurological Disorders</i> , <b>2022</b> , 6, 005-010   | 0.4  | 0 |

|    |   |      |   |
|----|---|------|---|
| 65 | Traffic-generated air pollution - Exposure mediated expression of factors associated with demyelination in a female apolipoprotein E mouse model.. <i>Neurotoxicology and Teratology</i> , <b>2022</b> , 90, 107071 | 3.9  | 1 |
| 64 | Evidence of susceptibility to autism risks associated with early life ambient air pollution: A systematic review.. <i>Environmental Research</i> , <b>2021</b> , 112590   | 7.9  | 5 |
| 63 | Exposure to ambient air pollution and cognitive decline: Results of the prospective Three-City cohort study.. <i>Environment International</i> , <b>2022</b> , 161, 107118  | 12.9 | 0 |
| 62 | Traffic-related air pollution and the developing brain. <b>2022</b> , 833-843   |      |   |
| 61 | Prenatal exposure to air pollution is associated with altered brain structure, function, and metabolism in childhood.. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2022</b> ,     | 7.9  | 2 |
| 60 | Air pollution and dementia in older adults in the Ginkgo Evaluation of Memory Study.. <i>Alzheimer's and Dementia</i> , <b>2022</b> ,   | 1.2  | 1 |
| 59 | Short-Term exposure to ambient air pollution and onset of work incapacity related to mental health conditions.. <i>Environment International</i> , <b>2022</b> , 164, 107245  | 12.9 | 0 |
| 58 | Human skin responses to environmental pollutants: A review of current scientific models.. <i>Environmental Pollution</i> , <b>2022</b> , 119316   | 9.3  | 0 |
| 57 | Air Pollution Exposure During Pregnancy and Childhood, Apoe $\epsilon$ Status and Alzheimer Polygenic Risk Score, and Brain Structural Morphology in Preadolescents. <i>SSRN Electronic Journal</i> ,               | 1    |   |
| 56 | Comparison of the Concentrations of Heavy Metals in PM2.5 Analyzed in Three Different Global Research Institutions Using X-ray Fluorescence. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 4572         | 2.6  | 0 |
| 55 | Exposure to traffic-related air pollution and noise during pregnancy and childhood, and functional brain connectivity in preadolescents.. <i>Environment International</i> , <b>2022</b> , 164, 107275              | 12.9 | 1 |
| 54 | Solid fuel use in relation to dementia risk in middle-aged and older adults: A prospective cohort study.  |      |   |
| 53 | Short-term NO exposure and cognitive and mental health: A panel study based on a citizen science project in Barcelona, Spain.. <i>Environment International</i> , <b>2022</b> , 164, 107284                         | 12.9 | 1 |
| 52 | Maternal urban particulate matter exposure and signaling pathways in fetal brains and neurobehavioral development in offspring. <i>Toxicology</i> , <b>2022</b> , 474, 153225                                       | 4.4  |   |
| 51 | Maternal exposure to air pollution during pregnancy and child's cognitive, language, and motor function: ECLIPSES study. <i>Environmental Research</i> , <b>2022</b> , 212, 113501                                  | 7.9  |   |
| 50 | Invited Perspective: HEPA Filters—An Effective Way to Prevent Adverse Air Pollution Effects on Neurodevelopment?. <i>Environmental Health Perspectives</i> , <b>2022</b> , 130,                                     | 8.4  |   |
| 49 | Mental and Physical Stress Responses to Personal Ultrafine Particle Exposure in Adolescents. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 7509                      | 4.6  | 0 |
| 48 | Association of Air Pollution and Weather Factors with Traffic Injury Severity: A Study in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 7442                 | 4.6  | 0 |

|    |  |     |   |
|----|--|-----|---|
| 47 | Fine particulate matter and daily hospitalizations for mental and behavioral disorders: A time-series study in Ho Chi Minh City, Vietnam. <i>Environmental Research</i> , <b>2022</b> , 213, 113707        | 7.9 | 1 |
| 46 | Neurotoxicity of Engineered Nanomaterials: Testing Considerations. <i>Frontiers in Public Health</i> , 10,   | 6   |   |
| 45 | Exploring socio-environmental effects on community health in Edmonton, Canada to understand older adult and immigrant risk in a changing climate. <i>Urban Climate</i> , <b>2022</b> , 44, 101225          | 6.8 |   |
| 44 | Deposition-mediated phytoremediation of nitrogen oxide emissions. <i>Environmental Pollution</i> , <b>2022</b> , 308, 119706   | 9.3 |   |
| 43 | PM2.5 exposure and incident attention-deficit/hyperactivity disorder during the prenatal and postnatal periods: A birth cohort study. <i>Environmental Research</i> , <b>2022</b> , 214, 113769            | 7.9 | 1 |
| 42 | Long-term traffic-related air pollutant exposure and amyotrophic lateral sclerosis diagnosis in Denmark: A Bayesian hierarchical analysis. Publish Ahead of Print,   |     |   |
| 41 | The Impact of Government and Public Dual-Subject Environmental Concerns on Urban Haze Pollution: An Empirical Research on 279 Cities in China. <b>2022</b> , 14, 9957                                      |     | 0 |
| 40 | Fetal Exposure to Air Pollution in Late Pregnancy Significantly Increases ADHD-Risk Behavior in Early Childhood. <b>2022</b> , 19, 10482   |     | 0 |
| 39 | Neurodevelopmental toxicity induced by Airborne particulate matter.  |     | 2 |
| 38 | Are there joint effects of different air pollutants and meteorological factors on mental disorders? A machine learning approach.   |     |   |
| 37 | Portable HEPA filter air cleaner use during pregnancy and children's autistic behaviors at four years of age: The UGAAR randomized controlled trial. <b>2022</b> , 168, 107432                             |     |   |
| 36 | Association between Long-Term Air Pollution, Chronic Traffic Noise, and Resting-State Functional Connectivity in the 1000BRAINS Study. <b>2022</b> , 130,  |     | 0 |
| 35 | Exposure to fine particulate matter constituents and cognitive function performance, potential mediation by sleep quality: A multicenter study among Chinese adults aged 40-89 years. <b>2022</b> , 107566 |     | 0 |
| 34 | Air pollution, white matter microstructure, and brain volumes: Periods of susceptibility from pregnancy to preadolescence. <b>2022</b> , 313, 120109   |     | 1 |
| 33 | Improving indoor air quality in primary school buildings through optimized apertures and classroom furniture layouts. <b>2022</b> , 62, 105324   |     | 0 |
| 32 | Bridging the environment and neurodevelopment for children's health: Associations between real-time air pollutant exposures and cognitive outcomes. 13,  |     | 0 |
| 31 | Neighborhood influences on the development of self-regulation among children of color living in historically disinvested neighborhoods: Moderators and mediating mechanisms. 13,                           |     | 0 |
| 30 | Association between Air Quality and Children's Restorative Experience: A Systematic Review. <b>2022</b> , 13, 1815   |     | 0 |

- 29 Impact of long-term air pollution exposure on incidence of neurodegenerative diseases: A protocol for a systematic review and exposure-response meta-analysis. **2022**, 170, 107596 ○
- 28 Pediatric anxiety and daily fine particulate matter: A longitudinal study. **2022**, 2, 100077 ○
- 27 Air pollution exposure during pregnancy and childhood, APOE  $\epsilon$  status and Alzheimer polygenic risk score, and brain structural morphology in preadolescents. **2023**, 216, 114595 ○
- 26 Sex-Dependent Responses to Maternal Exposure to PM<sub>2.5</sub> in the Offspring. **2022**, 11, 2255 1
- 25 Association of developmental coordination disorder with early life exposure to fine particulate matter in Chinese preschoolers. **2022**, 100347 ○
- 24 Chronic exposure to indoor air pollutants in association with attention-deficit/hyperactivity disorder symptoms in Chinese schoolchildren: A cross-sectional study. **2023**, 94, 182-190 ○
- 23 Acute effects of ambient nitrogen dioxide exposure on serum biomarkers of nervous system damage in healthy older adults. **2023**, 249, 114423 ○
- 22 Association of solid fuel use with a risk score capturing dementia risk among middle-aged and older adults: A prospective cohort study. **2023**, 218, 115022 ○
- 21 Different components of air pollutants and neurological disorders. 10, ○
- 20 Particulate matter exposure and chronic cerebral hypoperfusion promote oxidative stress and induce neuronal and oligodendrocyte apoptosis in male mice. ○
- 19 Hazed and Confused: The Effect of Air Pollution On Dementia. ○
- 18 Prenatal and postnatal exposure to PM 2.5 and the risk of tic disorders. ○
- 17 Long-term exposure to ambient O<sub>3</sub> and PM<sub>2.5</sub> is associated with reduced cognitive performance in young adults: A retrospective longitudinal repeated measures study in adults aged 18-30 years. **2023**, 121085 ○
- 16 Prenatal benzene exposure alters offspring hypothalamic development predisposing to metabolic disease in later life. ○
- 15 Prenatal exposure to tailpipe and non-tailpipe tracers of particulate matter pollution and autism spectrum disorders. **2023**, 171, 107736 ○
- 14 Curcumin Ameliorates Neurobehavioral Deficits in Ambient Dusty Particulate Matter-Exposure Rats: The Role of Oxidative Stress. ○
- 13 Association between exposure to air pollution and memory: the mediating effect of health. ○
- 12 Lifetime air pollution exposure, cognitive deficits, and brain imaging outcomes: A systematic review. **2023**, 96, 69-80 ○

- 11 Residential greenness, air pollution and incident neurodegenerative disease: A cohort study in China. **2023**, 878, 163173 ○
- 10 Ambiant Factors in Parkinson’s Disease Progression: A Systematic Review. **2023**, 59, 294 1
- 9 Long-term exposure to ambient air pollution and cognitive function in older US adults. **2023**, 7, e242 ○
- 8 Global ambient particulate matter pollution and neurodegenerative disorders: a systematic review of literature and meta-analysis. **2023**, 30, 39418-39430 ○
- 7 Effects of PM2.5 pollution and single nucleotide polymorphisms of neurotrophin signaling pathway genes acting together on schizophrenia relapse. **2023**, 96, 629-637 ○
- 6 Effect of indoor air quality on the association of long-term exposure to low-level air pollutants with cognition in older adults. **2023**, 115483 ○
- 5 Environmental and demographic factors affecting childhood academic performance in Los Angeles County: A generalized linear elastic net regression model. **2023**, 30, 100942 ○
- 4 The multi-scalar relationship between children’s self-determination and environmental justice in the United States. 1-15 ○
- 3 Joint polygenic and environmental risks for childhood attention-deficit/hyperactivity disorder (ADHD) and ADHD symptom dimensions. ○
- 2 Common mechanisms involved in lung cancer and depression: The dominant role of interleukin-6-IDO pathway in the lung-brain axis. **2023**, 12, 100580 ○
- 1 Prenatal benzene exposure in mice alters offspring hypothalamic development predisposing to metabolic disease in later life. **2023**, 138738 ○