

CITATION REPORT

List of articles citing

Sources of particulate-matter air pollution and its oxidative potential in Europe

DOI: 10.1038/s41586-020-2902-8
Nature, 2020, 587, 414-419.

Source: <https://exaly.com/paper-pdf/75699461/citation-report.pdf>

Version: 2024-04-28

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
238	Environmental risk factors and cardiovascular diseases: a comprehensive review. 2021 ,		9
237	Morphological and elemental characterization of leaf-deposited particulate matter from different source types: a microscopic investigation. 2021 , 28, 25716-25732		3
236	Defective acidic 2D COF-based catalysts for boosting the performance of polyoxymethylene diethyl ether synthesis under mild conditions. 2021 , 50, 5139-5145		1
235	Overview of the French Operational Network for In Situ Observation of PM Chemical Composition and Sources in Urban Environments (CARA Program). 2021 , 12, 207		8
234	The environmental enrichment model revisited: A translatable paradigm to study the stress of our modern lifestyle. 2021 ,		4
233	The Relative Contributions of Different Chemical Components to the Oxidative Potential of Ambient Fine Particles in Nanjing Area. 2021 , 18,		1
232	Simulation of the transition metal-based cumulative oxidative potential in East Asia and its emission sources in Japan. 2021 , 11, 6550		3
231	Aging of Atmospheric Brown Carbon Aerosol. 2021 , 5, 722-748		24
230	Mesoporous acidic functional N-containing ZrN _x O _y material for polyoxymethylene diethyl ethers synthesis under mild conditions. 2021 , 506, 111541		2
229	Oxidative Potential of Atmospheric Aerosols. 2021 , 12, 531		1
228	Oxidative Potential, Cytotoxicity, and Intracellular Oxidative Stress Generating Capacity of PM ₁₀ : A Case Study in South of Italy. 2021 , 12, 464		6
227	Ice-Nucleating Particle Concentrations and Sources in Rainwater Over the Third Pole, Tibetan Plateau. 2021 , 126, e2020JD033864		
226	Trimethylamine Outruns Terpenes and Aromatics in Atmospheric Autoxidation. 2021 , 125, 4454-4466		4
225	Particulate Matter, an Intrauterine Toxin Affecting Foetal Development and Beyond. 2021 , 10,		6
224	Breast Cancer Risk in Association with Atmospheric Pollution Exposure: A Meta-Analysis of Effect Estimates Followed by a Health Impact Assessment. 2021 , 129, 57012		5
223	Heart healthy cities: genetics loads the gun but the environment pulls the trigger. 2021 , 42, 2422-2438		9
222	Evaluation of Oxidative Potential of Pyrenequinone Isomers by the Dithiothreitol (DTT) Assay. 1-8		0

221	Covid-19 Lockdown in Spring 2020 in France Provided Unexpected Opportunity to Assess Health Impacts of Falls in Air Pollution. 2021 , 3,	2
220	Near-Source Risk Functions for Particulate Matter Are Critical When Assessing the Health Benefits of Local Abatement Strategies. 2021 , 18,	2
219	Disparities in particulate matter (PM ₁₀) origins and oxidative potential at a city scale (Grenoble, France) [Part 2: Sources of PM ₁₀ ; oxidative potential using multiple linear regression analysis and the predictive applicability of multilayer perceptron neural network analysis. 2021 , 21, 9719-9739	6
218	The characteristics and size of lung-depositing particles vary significantly between high and low pollution traffic environments. 2021 , 255, 118421	7
217	Characteristics and sources of hourly elements in PM and PM during wintertime in Beijing. 2021 , 278, 116865	16
216	Attributing snow cover extent changes over the Northern Hemisphere for the past 65 years. 2021 , 3, 061001	1
215	Quantification of solid fuel combustion and aqueous chemistry contributions to secondary organic aerosol during wintertime haze events in Beijing. 2021 , 21, 9859-9886	6
214	Association of COVID-19 transmission with high levels of ambient pollutants: Initiation and impact of the inflammatory response on cardiopulmonary disease. 2021 , 779, 146464	6
213	Environmentally Persistent Free Radicals, Reactive Oxygen Species Generation, and Oxidative Potential of Highway PM _{2.5} . 2021 , 5, 1865-1875	4
212	Predicting Spatial Variations in Multiple Measures of Oxidative Burden for Outdoor Fine Particulate Air Pollution across Canada. 2021 , 55, 9750-9760	0
211	Switching to electric vehicles can lead to significant reductions of PM _{2.5} and NO ₂ across China. 2021 , 4, 1037-1048	7
210	Aqueous-phase reactive species formed by fine particulate matter from remote forests and polluted urban air. 2021 , 21, 10439-10455	3
209	Source apportionment of atmospheric PM ₁₀ ; oxidative potential: synthesis of 15-year-round urban datasets in France. 2021 , 21, 11353-11378	4
208	Ambient Air Pollution and Atherosclerosis: Recent Updates. 2021 , 23, 63	1
207	Integrated Mobile Laboratory for Air Pollution Assessment: Literature Review and cc-TRAIRer Design. 2021 , 12, 1004	1
206	Aerosol formation and growth rates from chamber experiments using Kalman smoothing. 2021 , 21, 12595-12611	1
205	Effects of aerosol size and coating thickness on the molecular detection using extractive electrospray ionization. 2021 , 14, 5913-5923	0
204	Efficient Cleaning and Heat Recovery of Flue Gas from a Small-Scale Boiler. 2021 , 44, 2116	0

203	The driving factors of new particle formation and growth in the polluted boundary layer. 2021 , 21, 14275-14298	
202	Lessons from Injury: How Nerve Injury Studies Reveal Basic Biological Mechanisms and Therapeutic Opportunities for Peripheral Nerve Diseases. 2021 , 1	4
201	Iron-Facilitated Organic Radical Formation from Secondary Organic Aerosols in Surrogate Lung Fluid. 2021 ,	0
200	Non-exhaust vehicle emissions of particulate matter and VOC from road traffic: A review. 2021 , 262, 118592	27
199	Comparison of indoor and outdoor oxidative potential of PM: pollution levels, temporal patterns, and key constituents. 2021 , 155, 106684	3
198	Contribution of industrial and traffic emissions to ultrafine, fine, coarse particles in the vicinity of industrial areas in Japan. 2021 , 5, 100101	1
197	Assessment of the Oxidative Potential and Oxidative Burden from Occupational Exposures to Particulate Matter. 2021 ,	
196	Toward Clean Residential Energy: Challenges and Priorities in Research. 2021 , 55, 13602-13613	1
195	Compositional changes of PM in NE Spain during 2009-2018: A trend analysis of the chemical composition and source apportionment. 2021 , 795, 148728	4
194	High contribution of vehicle emissions to fine particulate pollutions in Lanzhou, Northwest China based on high-resolution online data source appointment. 2021 , 798, 149310	5
193	Maxillary sinusitis as a respiratory health indicator: a bioarchaeological investigation into medieval central Italy. 2021 , 35, 40-48	
192	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. 2021 , 800, 149486	3
191	Automated identification and quantification of tire wear particles (TWP) in airborne dust: SEM/EDX single particle analysis coupled to a machine learning classifier. 2022 , 803, 149832	5
190	A new mechanism by which environmental hazardous substances enhance their toxicities to plants. 2022 , 421, 126802	0
189	Online monitoring of volatile organic compounds emitted from human bronchial epithelial cells as markers for oxidative stress. 2020 ,	1
188	Phosphate Buffer Solubility and Oxidative Potential of Single Metals or Multielement Particles of Welding Fumes. 2021 , 12, 30	2
187	Secondary organic aerosol formation from gasoline and diesel vehicle exhaust under light and dark conditions.	1
186	Small Airway Susceptibility to Chemical and Particle Injury. 2021 , 1-13	

185	Air pollution: The most important environmental threat to the cardiovascular system. 2021 ,	0
184	Porous metal-organic framework-based filters: synthesis methods and applications for environmental remediation. 2021 , 133160	7
183	Influence of the Lockdown on PM _{2.5} Concentrations around an Urban School in the South of Belgium. 2021 , 12, 1333	
182	Understanding the environmental factors related to the decrease in Pediatric Emergency Department referrals for acute asthma during the SARS-CoV-2 pandemic. 2022 , 57, 66-74	3
181	Photolytically induced changes in composition and volatility of biogenic secondary organic aerosol from nitrate radical oxidation during night-to-day transition. 2021 , 21, 14907-14925	3
180	Measurement of Particle Dynamics on the Real Vehicle in Different Driving Scenarios with Swarm Sensors.	
179	Time-dependent source apportionment of submicron organic aerosol for a rural site in an alpine valley using a rolling positive matrix factorisation (PMF) window. 2021 , 21, 15081-15101	5
178	Association of Sulfur, Transition Metals, and the Oxidative Potential of Outdoor with Acute Cardiovascular Events: A Case-Crossover Study of Canadian Adults. 2021 , 129, 107005	9
177	Toward a cleaner domestic wood heating by the optimization of firewood stoves?. 2021 , 325, 129338	1
176	Quantitative Determination of Airborne Redox-Active Compounds Based on Heating-Induced Reduction of Gold Nanoparticles. 2021 , 93, 14859-14868	0
175	Airborne magnetic nanoparticles: environmental risk factors for the transmission of SARS-CoV-2.	
174	Effects of operating conditions on PM oxidative potential assays. 2022 , 268, 118802	2
173	Trends in secondary inorganic particles in Hong Kong, 1995-2020. 2022 , 268, 118801	0
172	Integrated aerodynamic/electrochemical microsystem for collection and detection of nanogram-level airborne bioaccessible metals. 2022 , 351, 130903	2
171	Spatiotemporal variability in the oxidative potential of ambient fine particulate matter in the Midwestern United States. 2021 , 21, 16363-16386	1
170	Response of atmospheric composition to COVID-19 lockdown measures during spring in the Paris region (France). 2021 , 21, 17167-17183	4
169	Hyperfine-resolution mapping of on-road vehicle emissions with comprehensive traffic monitoring and an intelligent transportation system. 2021 , 21, 16985-17002	1
168	Pollution and the Heart. 2021 , 385, 1881-1892	10

167	Switzerland's PM10 and PM2.5 environmental increments show the importance of non-exhaust emissions. 2021 , 12, 100145	2
166	Global health burden of ambient PM and the contribution of anthropogenic black carbon and organic aerosols. 2021 , 159, 107020	7
165	PM10 Alters Trophoblast Cell Function and Modulates miR-125b-5p Expression.. 2022 , 2022, 3697944	0
164	Reliable compositional analysis of airborne particulate matter beyond the quantification limits of total reflection X-ray fluorescence.. 2022 , 1192, 339367	3
163	Rapid assessments of light-duty gasoline vehicle emissions using on-road remote sensing and machine learning.. 2022 , 815, 152771	0
162	Influence of organic aerosol molecular composition on particle absorptive properties in autumn Beijing. 2022 , 22, 1251-1269	0
161	Nanomaterials for bioremediation of air pollution. 2022 , 243-261	1
160	Toxic potency-adjusted control of air pollution for solid fuel combustion.	9
159	Oxidative potential of solvent-extractable organic matter of ambient total suspended particulate in Bangkok, Thailand.. 2022 ,	
158	Can the joint regional air pollution control policy achieve a win-win outcome for the environment and economy? Evidence from China. 2022 , 74, 13-33	4
157	Assessing the multidimensional elements of sustainability in European agroforestry systems. 2022 , 197, 103357	2
156	Occurrence and in vitro toxicity of organic compounds in urban background PM.. 2022 , 817, 152779	0
155	Are reactive oxygen species (ROS) a suitable metric to predict toxicity of carbonaceous aerosol particles?. 2022 , 22, 1793-1809	4
154	Changes in Personal Exposure to Fine Particulate Matter (PM2.5) during the Spring 2020 COVID-19 Lockdown in the UK: Results of a Simulation Model. 2022 , 13, 273	
153	Investigation of viscosity, activation energy and CO2 diffusion coefficient for N-methyl-1,3-propane-diamine, N-(2-aminoethyl)ethanolamine and 1,4-butanediamine activated 2-diethylaminoethanol aqueous solutions. 2022 , 168, 106740	0
152	Efficiently remove submicron particles by a novel foldable electrostatically assisted air coarse filter. 2022 , 288, 120631	1
151	Health risks of air pollution with fine particulate matter. 2021 , 102, 862-876	2
150	Why is the city's responsibility for its air pollution often underestimated? A focus on PM _{2.5} . 2021 , 21, 18195-18212	4

- 149 Annual exposure to polycyclic aromatic hydrocarbons in urban environments linked to wintertime wood-burning episodes. **2021**, 21, 17865-17883 8
- 148 Chemical composition and sources of organic aerosol on the Adriatic coast in Croatia. **2022**, 13, 100159
- 147 Advances in the Toxicological Studies of Atmospheric Particulate Matter. **2022**, 227-253
- 146 Precipitation of aqueous transition metals in particulate matter during the dithiothreitol (DTT) oxidative potential assay.. **2022**,
- 145 Environment pollutants removal with non-thermal plasma technology. **2022**, 17, 446-455 1
- 144 Air Purifier Using Super-Absorbent Polymer for Removing Fine Dusts.
- 143 A microbiome record for life. **2022**, 189-213
- 142 Nontarget mass spectrometry and in silico molecular characterization of air pollution from the Indian subcontinent. **2022**, 3, 1
- 141 Regional Transport of PM 2.5 and O₃ Based on Complex Network Method and Chemical Transport Model in the Yangtze River Delta, China. **2022**, 127,
- 140 Contribution of Physical and Chemical Properties to Dithiothreitol-Measured Oxidative Potentials of Atmospheric Aerosol Particles at Urban and Rural Sites in Japan. **2022**, 13, 319 0
- 139 Internal Exposure and Distribution of Airborne Fine Particles in the Human Body: Methodology, Current Understandings, and Research Needs.. **2022**, 1
- 138 Characteristics of PM and Its Correlation with Feed, Manure and NH₃ in a Pig-Fattening House.. **2022**, 10, 1
- 137 Identifying chemical aerosol signatures using optical suborbital observations: how much can optical properties tell us about aerosol composition?. **2022**, 22, 3713-3742 0
- 136 E-waste dismantling as a source of personal exposure and environmental release of fine and ultrafine particles.. **2022**, 154871 0
- 135 Nontarget Screening Exhibits a Seasonal Cycle of PM Organic Aerosol Composition in Beijing.. **2022**, ,
- 134 Screening of ToxCast Chemicals Responsible for Human Adverse Outcomes with Exposure to Ambient Air.. **2022**, 0
- 133 Seasonality of Aerosol Sources Calls for Distinct Air Quality Mitigation Strategies.. **2022**, 10,
- 132 Isomer-Resolved Reactivity of Organic Peroxides in Monoterpene-Derived Secondary Organic Aerosol.. **2022**, 1

131	Source identification of the elemental fraction of particulate matter using size segregated, highly time-resolved data and an optimized source apportionment approach. 2022 , 14, 100165	0
130	Effect of vehicle fleet composition and mobility on outdoor population exposure: A street resolution analysis in Paris. 2022 , 13, 101365	0
129	Climate change and air pollution: Translating their interplay into present and future mortality risk for Rome and Milan municipalities.. 2022 , 154680	0
128	Oxidative potential associated with water-soluble components of PM in Beijing: The important role of anthropogenic organic aerosols.. 2022 , 433, 128839	1
127	In the Footsteps of My Countrymen: Atmospheric Chemistry in New England, Los Angeles, and the Southeast United States. 2021 , 2,	
126	Air pollution and mental health: associations, mechanisms and methods.. 2022 , 35, 192-199	1
125	Abundance and Fractional Solubility of Aerosol Iron During Winter at a Coastal City in Northern China: Similarities and Contrasts Between Fine and Coarse Particles. 2022 , 127,	3
124	Exposure to particulate matter: a brief review with a focus on cardiovascular effects, children, and research conducted in Turkey.. 2021 , 72, 244-253	
123	A New Method for the Assessment of the Oxidative Potential of Both Water-Soluble and Insoluble PM. 2022 , 13, 349	1
122	Influence of Aerosol Chemical Composition on Condensation Sink Efficiency and New Particle Formation in Beijing.. 2022 , 9, 375-382	0
121	Synergistic and Antagonistic Effects of Aerosol Components on Its Oxidative Potential as Predictor of Particle Toxicity.. 2022 , 10,	0
120	Exploration of potential mechanism of interleukin-33 up-regulation caused by 1,4-naphthoquinone black carbon in RAW264.7 cells.. 2022 , 155357	0
119	Detailed Speciation of Non-Methane Volatile Organic Compounds in Exhaust Emissions from Diesel and Gasoline Euro 5 Vehicles Using Online and Offline Measurements.. 2022 , 10,	1
118	Chemical composition, sources and optical properties of nitrated aromatic compounds in fine particulate matter during winter foggy days in Nanjing, China.. 2022 , 212, 113255	0
117	A Portable and Smartphone-Based Plasmonic System for On-Site Measurement of Airborne Redox-Active Compounds by Light-Initiated Redox Reaction.	
116	Slower than Expected Reduction in Annual Pm2.5 in Northwest China Revealed by Machine Learning-Based Meteorological Normalization.	
115	Organic aerosol source apportionment by using rolling positive matrix factorization: Application to a Mediterranean coastal city. 2022 , 14, 100176	1
114	Towards Better and Healthier Air Quality: Implementation of WHO 2021 Global Air Quality Guidelines in Asia. 2022 ,	1

113	Accumulated oxidative stress risk in HUVECs by chronic exposure to non-observable acute effect levels of PM.. 2022 , 105376	
112	Air purifier using super-absorbent polymer for removing air contaminants. 2022 , 107832	0
111	Toxicity assessment and heavy metal components of inhalable particulate matters (PM2.5 & PM10) during a dust storm invading the city. 2022 , 162, 859-866	0
110	In-utero exposure to air pollution and early-life neural development and cognition.. 2022 , 238, 113589	0
109	Effects of air pollution on human health - Mechanistic evidence suggested by in vitro and in vivo modelling.. 2022 , 212, 113378	1
108	Chemical Constituents, Driving Factors, and Source Apportionment of Oxidative Potential of Ambient Fine Particulate Matter in a Port City in East China.	
107	Molecular characteristics, sources, and formation pathways of organosulfur compounds in ambient aerosol in Guangzhou, South China. 2022 , 22, 6919-6935	1
106	Air Quality and Health Effects of Ship Emissions - Focusing on Particulate Matter and Sulfur Dioxide. 2022 , 57, 321-326	
105	European Aerosol Phenomenology - 8: Harmonised Source Apportionment of Organic Aerosol using 22 Year-long ACSM/AMS Datasets. 2022 , 107325	1
104	Well-to-wheel emissions and abatement strategies for passenger vehicles in two Latin American cities.	0
103	Decoding Physical and Cognitive Impacts of Particulate Matter Concentrations at Ultra-Fine Scales. 2022 , 22, 4240	
102	Linking Switzerland's PM ₁₀ and PM _{2.5} ; oxidative potential (OP) with emission sources. 2022 , 22, 7029-7050	1
101	Chemical characteristics and oxidative potential of indoor and outdoor PM2.5 in densely populated urban slums. 2022 , 212, 113562	0
100	Impact of Circular, Waste-Heat Reuse Pathways on PM2.5-Air Quality, CO2 Emissions, and Human Health in India: Comparison with Material Exchange Potential.	0
99	Coarse Particulate Air Pollution and Daily Mortality: A Global Study in 205 Cities.	1
98	Highly time-resolved chemical speciation and source apportionment of organic aerosol components in Delhi, India, using extractive electrospray ionization mass spectrometry. 2022 , 22, 7739-7761	0
97	Updated World Health Organization Air Quality Guidelines Highlight the Importance of Non-anthropogenic PM2.5. 2022 , 9, 501-506	1
96	Passage of exogeneous fine particles from the lung into the brain in humans and animals. 2022 , 119,	4

- 95 Exposure to naphthalene and α -pinene-derived secondary organic aerosol induced divergent changes in transcript levels of BEAS-2B cells. **2022**, 166, 107366 3
- 94 Unbalanced PM_{2.5} emission and happiness effect through cross-regional trade in China. **2022**, 96, 106834 0
- 93 Slower than expected reduction in annual PM_{2.5} in Xi'an revealed by machine learning-based meteorological normalization. **2022**, 841, 156740 0
- 92 Revisiting the atmospheric particles: Connecting lines and changing paradigms. **2022**, 841, 156676
- 91 Functionalized membranes for multipollutants bearing air treatment. **2022**, 167-200
- 90 Air Pollution, Political Corruption, and Cardiovascular Disease in the Former Soviet Republics. **2022**, 88, 88,
- 89 The oxidative potential of particulate matter (PM) in different regions around the world and its relation to air pollution sources. 0
- 88 Seasonal and Spatial Variations of PM₁₀ and PM_{2.5} Oxidative Potential in Five Urban and Rural Sites across Lombardia Region, Italy. **2022**, 19, 7778 1
- 87 Source-specific health risks induced by PM_{2.5}-bound metallic species under different pollution scenarios in a cold megacity of Northeast China. **2022**, 44, 101205 0
- 86 Nine-year trends of PM₁₀ sources and oxidative potential in a rural background site in France. **2022**, 22, 8701-8723 0
- 85 Effects of Particulate Matter on Inflammation and Thrombosis: Past Evidence for Future Prevention. **2022**, 19, 8771
- 84 Two-year-long high-time-resolution apportionment of primary and secondary carbonaceous aerosols in the Los Angeles Basin using an advanced total carbon/black carbon (TC-BC(I)) method. **2022**, 157606 0
- 83 Secondary organic carbon in different atmospheric environments of a continental region and seasons. **2022**, 106360
- 82 Discovering Oxidative Potential (Op) Drivers of Atmospheric Pm₁₀, Pm_{2.5}, and Pm₁ Simultaneously in North-Eastern Spain.
- 81 p-Phenylenediamine-Derived Quinones as New Contributors to the Oxidative Potential of Fine Particulate Matter. 3
- 80 Spatiotemporal Distributions and Source Apportionment of PM 2.5 -Bound Antimony in Beijing, China. **2022**, 127,
- 79 Composition and transformation chemistry of tire-wear derived organic chemicals and implications for air pollution. **2022**, 13, 101533 1
- 78 The need for environmental regulation of tires: Challenges and recommendations. **2022**, 311, 119974 0

77	Inter-annual variability of source contributions to PM10, PM2.5, and oxidative potential in an urban background site in the central mediterranean. 2022 , 319, 115752	0
76	A portable and smartphone-based plasmonic system for on-site measurement of airborne redox-active compounds by light-initiated redox reaction. 2022 , 371, 132505	
75	Emissions of condensable organic aerosols from stationary combustion sources over Japan. 2022 , 289, 119319	0
74	Oxidative potential induced by metal-organic interaction from PM2.5 in simulated biological fluids. 2022 , 848, 157768	
73	Chemical constituents, driving factors, and source apportionment of oxidative potential of ambient fine particulate matter in a Port City in East China. 2022 , 440, 129864	0
72	Tutorial: Dynamic organic growth modeling with a volatility basis set. 2022 , 166, 106063	0
71	Highly Efficient, Dual-Functional Self-Assembled Electrospun Nanofiber Filters for Simultaneous Pm Removal and On-Site Eye-Readable Formaldehyde Sensing.	0
70	Organic aerosol sources in Krakow, Poland, before implementation of a solid fuel residential heating ban. 2023 , 855, 158655	0
69	Effect of Biomass Burning, Diwali Fireworks, and Polluted Fog Events on the Oxidative Potential of Fine Ambient Particulate Matter in Delhi, India.	2
68	A central arctic extreme aerosol event triggered by a warm air-mass intrusion. 2022 , 13,	1
67	Differentiating and Quantifying Carbonaceous (Tire, Bitumen, and Road Marking Wear) and Non-carbonaceous (Metals, Minerals, and Glass Beads) Non-exhaust Particles in Road Dust Samples from a Traffic Environment. 2022 , 233,	0
66	Rolling vs. seasonal PMF: real-world multi-site and synthetic dataset comparison. 2022 , 15, 5479-5495	0
65	Associating Air Pollution with Cytokinesis-Block Micronucleus Assay Parameters in Lymphocytes of the General Population in Zagreb (Croatia). 2022 , 23, 10083	1
64	Effects of Nitrogen Oxides on the Production of Reactive Oxygen Species and Environmentally Persistent Free Radicals from Pinene and Naphthalene Secondary Organic Aerosols.	1
63	Engine emissions with air pollutants and greenhouse gases and their control technologies. 2022 , 376, 134260	3
62	The December 2016 extreme weather and particulate matter pollution episode in the Paris region (France). 2022 , 291, 119386	1
61	Effect of altered human exposome on the skin and mucosal epithelial barrier integrity.	0
60	Source apportionment resolved by time of day for improved deconvolution of primary source contributions to air pollution. 2022 , 15, 6051-6074	0

59	Singlet Oxygen Seasonality in Aqueous PM10 is Driven by Biomass Burning and Anthropogenic Secondary Organic Aerosol.	2
58	Real-Time Source Apportionment of Organic Aerosols in Three European Cities.	0
57	Short-term effect of air pollution on childhood epilepsy in eastern China: A space-time-stratified case-crossover and pooled analysis. 2022 , 170, 107591	1
56	Health risk assessment of heavy metal(loid)s in PM2.5 in two cities in Jilin Province, China, 2016-2020. 2022 , 46, 101318	0
55	Discovering oxidative potential (OP) drivers of atmospheric PM10, PM2.5, and PM1 simultaneously in North-Eastern Spain. 2023 , 857, 159386	0
54	Sex-Dependent Responses to Maternal Exposure to PM2.5 in the Offspring. 2022 , 11, 2255	1
53	The Impact of COVID-19 Lockdown Strategies on Oxidative Properties of Ambient PM10 in the Metropolitan Area of Milan, Italy. 2022 , 9, 145	1
52	Improving atmospheric particulate matter removal of residential green space based on Landscape patterns and plant functional types.	0
51	PM2.5 source apportionment using organic marker-based chemical mass balance modeling: Influence of inorganic markers and sensitivity to source profiles. 2022 , 119477	2
50	Insight into the oxidation of glutathione mediated by black carbon from three typical emission sources. 2022 , 120647	0
49	Degradable Nanofiber for Eco-friendly Air Filtration: Progress and Perspectives. 2022 , 122642	2
48	Recent Research Progress on Nitropolycyclic Aromatic Hydrocarbons in Outdoor and Indoor Environments. 2022 , 12, 11259	0
47	Health Impact Studies of Climate Change Adaptation and Mitigation Measures [A Scoping Review]. 2022 , 100186	0
46	Effect of Rolling Point Accounting for 33% on the Filtration Performance of Fibrous Filter Media. 2022 ,	0
45	Superoxide Release by Macrophages through NADPH Oxidase Activation Dominating Chemistry by Isoprene Secondary Organic Aerosols and Quinones to Cause Oxidative Damage on Membranes.	0
44	The pathophysiological and molecular mechanisms of atmospheric PM2.5 affecting cardiovascular health: A review. 2023 , 249, 114444	0
43	Identification and apportionment of local and long-range sources of PM2.5 in two East-Mediterranean sites. 2023 , 14, 101622	0
42	Associations between short-term and long-term exposure to particulate matter and preterm birth. 2023 , 313, 137431	0

41	Role of Secondary Organic Matter on Soot Particle Toxicity in Reconstituted Human Bronchial Epithelia Exposed at the Air/Liquid Interface. 2022 , 56, 17007-17017	0
40	Impacts of Vehicle Speed and Number of Heavy Vehicles on Emissions and Fuel Consumption in Sensitive Locations. 036119812211375	1
39	Is the oxidative potential of components of fine particulate matter surface-mediated?.	0
38	Functionalized Multiwalled Carbon Nanotubes for the Improvement of Dispersion Stability in Diesel Fuel-type for Potential Application as Nano Additives. 2022 , 7,	1
37	Mortality attributable to ambient air pollution: A review of global estimates.	1
36	Quantification of primary and secondary organic aerosol sources by combined factor analysis of extractive electrospray ionisation and aerosol mass spectrometer measurements (EESI-TOF and AMS). 2022 , 15, 7265-7291	0
35	Evaluation of Pollution Level, Spatial Distribution, and Ecological Effects of Antimony in Soils of Mining Areas: A Review. 2023 , 20, 242	1
34	Short-term effects of air pollution exposure on the risk of preterm birth in Xi'an, China. 2023 , 55, 325-334	0
33	Organic Peroxides in Aerosol: Key Reactive Intermediates for Multiphase Processes in the Atmosphere.	1
32	The relationship between PM10 and meteorological variables in the mega city Istanbul. 2023 , 195,	0
31	The impact of long-term exposure to ambient air pollution in patients undergoing peritoneal dialysis: A cohort study in China. 2023 , 137871	0
30	Unanswered questions on the airborne transmission of COVID-19.	0
29	Dynamic Wood Smoke Aerosol Toxicity during Oxidative Atmospheric Aging.	1
28	Ecological Study on Global Health Effects due to Source-Specific Ambient Fine Particulate Matter Exposure.	0
27	Linking Cell Health and Reactive Oxygen Species from Secondary Organic Aerosols Exposure. 2023 , 57, 1039-1048	0
26	Optimization of Discharging Electrodes of a Multi-Chamber Electrostatic Precipitator for Small Heat Sources. 2023 , 14, 63	0
25	An Overview of the Automated and On-Line Systems to Assess the Oxidative Potential of Particulate Matter. 2023 , 14, 256	0
24	Pollution Status, Source Apportionment, Ecological and Human Health Risks of Potentially (Eco)toxic Element-Laden Dusts from Urban Roads, Highways and Pedestrian Bridges in Uganda. 2023 , 3, 74-88	0

- 23 Assessing oxidative stress induction ability and oxidative potential of PM_{2.5} in cities in eastern and western Japan. **2023**, 324, 138308 ○
- 22 Overview of PM_{2.5} and health outcomes: Focusing on components, sources, and pollutant mixture co-exposure. **2023**, 323, 138181 ○
- 21 Seasonal and Spatial Variations of the Oxidative Properties of Ambient PM_{2.5} in the Po Valley, Italy, before and during COVID-19 Lockdown Restrictions. **2023**, 20, 1797 ○
- 20 Modelling the air quality benefits of EU climate mitigation policies using two different PM_{2.5}-related health impact methodologies. **2023**, 172, 107760 ○
- 19 Oxidative potential of ambient PM_{2.5} from São Paulo, Brazil: Variations, associations with chemical components and source apportionment. **2023**, 298, 119593 ○
- 18 Wildfire particulate matter as a source of environmentally persistent free radicals and reactive oxygen species. **2023**, 3, 581-594 ○
- 17 Emission factors for polycyclic aromatic hydrocarbons from laboratory biomass-burning and their chemical transformations during aging in an oxidation flow reactor. **2023**, 870, 161857 ○
- 16 How to define and achieve Zero-Impact emissions in road transport?. **2023**, 116, 103619 1
- 15 Recent applications of mass spectrometry in the analysis of transformation products of emerging contaminants in PM_{2.5}. ○
- 14 Source apportionment of PM_{2.5} using organic/inorganic markers and emission inventory evaluation in the East Mediterranean-Middle East city of Beirut. **2023**, 223, 115446 ○
- 13 Prenatal exposure to fine particulate matter and newborn anogenital distance: a prospective cohort study. **2023**, 22, ○
- 12 An optimised organic carbon to elemental carbon (OC/EC) fraction separation method for radiocarbon source apportionment applied to low-loaded Arctic aerosol filters. **2023**, 16, 825-844 ○
- 11 A global review of the state of the evidence of household air pollution's contribution to ambient fine particulate matter and their related health impacts. **2023**, 173, 107835 ○
- 10 Outdoor Air Pollution and Childhood Respiratory Disease: The Role of Oxidative Stress. **2023**, 24, 4345 ○
- 9 Aerosol Iron from Metal Production as a Secondary Source of Bioaccessible Iron. **2023**, 57, 4091-4100 ○
- 8 Airborne Brake Wear Emissions from a Battery Electric Vehicle. **2023**, 14, 488 ○
- 7 Characterization of offline analysis of particulate matter with FIGAERO-CIMS. **2023**, 16, 1147-1165 ○
- 6 Highly Efficient, Dual-Functional Self-Assembled Electrospun Nanofiber Filters for Simultaneous PM Removal and On-Site Eye-Readable Formaldehyde Sensing. ○

- 5 Achieving health-oriented air pollution control requires integrating unequal toxicities of industrial particles. ○
- 4 Breathing Fresh Air in the City: Implementing Avenue Trees as a Sustainable Solution to Reduce Particulate Pollution in Urban Agglomerations. **2023**, 12, 1545 ○
- 3 POLLUTION FROM FINE PARTICULATE MATTER AND ATHEROSCLEROSIS: A NARRATIVE REVIEW. **2023**, 107923 ○
- 2 Prenatal exposure to particulate matter and term low birth weight: systematic review and meta-analysis. ○
- 1 Emission characteristics of condensable particulate matter (CPM) from FCC flue gas. **2023**, 882, 163533 ○