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Lung Antioxidant Depletion: A Predictive Indicator of Cellular Stress Induced by Ambient Fine Particles

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19	Effect of filter extraction solvents on the measurement of the oxidative potential of airborne PM. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 29551-29563	5.1	6
18	The influence of chemical composition, aerosol acidity, and metal dissolution on the oxidative potential of fine particulate matter and redox potential of the lung lining fluid. <i>Environment International</i> , 2021 , 148, 106343	12.9	15
17	Chemical composition and oxidative potential of atmospheric particles heavily impacted by residential wood burning in the alpine region of northern Italy. <i>Atmospheric Environment</i> , 2021 , 253, 118360	5.3	7
16	Metal enriched quasi-ultrafine particles from stainless steel gas metal arc welding induced genetic and epigenetic alterations in BEAS-2B cells.. <i>NanoImpact</i> , 2021 , 23, 100346	5.6	0
15	Aqueous-phase reactive species formed by fine particulate matter from remote forests and polluted urban air. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 10439-10455	6.8	3
14	Assessing the oxidative potential of PAHs in ambient PM using the DTT consumption assay. <i>Environmental Pollution</i> , 2021 , 285, 117411	9.3	1
13	Oxidant-induced epithelial alarmin pathway mediates lung inflammation and functional decline following ultrafine carbon and ozone inhalation co-exposure. <i>Redox Biology</i> , 2021 , 46, 102092	11.3	3
12	Hydroxyl Radical Production by Air Pollutants in Epithelial Lining Fluid Governed by Interconversion and Scavenging of Reactive Oxygen Species. <i>Environmental Science & Technology</i> , 2021 , 55, 14069-14079	10.7	4
11	A Novel Pm Sampling and Cell Exposure Strategy Based on Agar Membrane for Cytotoxicity Study. <i>SSRN Electronic Journal</i> ,	1	
10	A novel particulate matter sampling and cell exposure strategy based on agar membrane for cytotoxicity study.. <i>Chemosphere</i> , 2022 , 134473	8.4	1
9	A New Method for the Assessment of the Oxidative Potential of Both Water-Soluble and Insoluble PM. <i>Atmosphere</i> , 2022 , 13, 349	2.7	1
8	Synergistic and Antagonistic Effects of Aerosol Components on Its Oxidative Potential as Predictor of Particle Toxicity.. <i>Toxics</i> , 2022 , 10,	4.7	0
7	Seasonal and Spatial Variations of PM10 and PM2.5 Oxidative Potential in Five Urban and Rural Sites across Lombardia Region, Italy. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 7778	4.6	1
6	Oxidative stress response in pulmonary cells exposed to different fractions of PM2.5-0.3 from urban, traffic and industrial sites. 2023 , 216, 114572		0
5	The Impact of COVID-19 Lockdown Strategies on Oxidative Properties of Ambient PM10 in the Metropolitan Area of Milan, Italy. 2022 , 9, 145		1
4	Seasonal variation of driving factors of ambient PM2.5 oxidative potential in Shenzhen, China. 2023 , 862, 160771		0
3	ROS-Generating Hyaluronic Acid-Modified Zirconium Dioxide-Acetylacetonate Nanoparticles as a Theranostic Platform for the Treatment of Osteosarcoma. 2023 , 13, 54		0

- 2 Inter-comparison of oxidative potential metrics for airborne particles identifies differences between acellular chemical assays. **2022**, 13, 101596 ○
- 1 Seasonal and Spatial Variations of the Oxidative Properties of Ambient PM2.5 in the Po Valley, Italy, before and during COVID-19 Lockdown Restrictions. **2023**, 20, 1797 ○