

# Carolina Leticia Zilli Vieira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6589027/publications.pdf>

Version: 2024-02-01

23  
papers

520  
citations

933447

10  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on the treatment of organic pollutants in water by ultrasonic technology. <i>Ultrasonics Sonochemistry</i> , 2019, 55, 273-278.	8.2	137
2	The urban lead (Pb) burden in humans, animals and the natural environment. <i>Environmental Research</i> , 2021, 193, 110377.	7.5	82
3	Method of ultrasound-assisted liquid-phase exfoliation to prepare graphene. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104630.	8.2	74
4	Lead seasonality in humans, animals, and the natural environment. <i>Environmental Research</i> , 2020, 180, 108797.	7.5	40
5	Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study. <i>Environment International</i> , 2018, 121, 1210-1216.	10.0	27
6	Effect modification of ambient particle mortality by radon: A time series analysis in 108 U.S. cities. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 266-276.	1.9	26
7	Geomagnetic disturbances driven by solar activity enhance total and cardiovascular mortality risk in 263 U.S. cities. <i>Environmental Health</i> , 2019, 18, 83.	4.0	23
8	Short-term effects of particle gamma radiation activities on pulmonary function in COPD patients. <i>Environmental Research</i> , 2019, 175, 221-227.	7.5	13
9	Sources of indoor PM <sub>2.5</sub> gross $\dot{I}$ and $\dot{I}^2$ activities measured in 340 homes. <i>Environmental Research</i> , 2021, 197, 111114.	7.5	13
10	Predicting Monthly Community-Level Domestic Radon Concentrations in the Greater Boston Area with an Ensemble Learning Model. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7157-7166.	10.0	12
11	Residential radon exposure and hypertensive disorders of pregnancy in Massachusetts, USA: A cohort study. <i>Environment International</i> , 2021, 146, 106285.	10.0	11
12	Levels of Polonium-210 in brain and pulmonary tissues: Preliminary study in autopsies conducted in the city of Sao Paulo, Brazil. <i>Scientific Reports</i> , 2020, 10, 180.	3.3	9
13	The impact of solar activity on ambient ultrafine particle concentrations: An analysis based on 19-year measurements in Boston, USA. <i>Environmental Research</i> , 2021, 201, 111532.	7.5	8
14	Short-term exposure to ambient particle gamma radioactivity is associated with increased risk for all-cause non-accidental and cardiovascular mortality. <i>Science of the Total Environment</i> , 2020, 721, 137793.	8.0	7
15	Solar Activity Is Associated With Diastolic and Systolic Blood Pressure in Elderly Adults. <i>Journal of the American Heart Association</i> , 2021, 10, e021006.	3.7	7
16	Short-term exposures to particulate matter gamma radiation activities and biomarkers of systemic inflammation and endothelial activation in COPD patients. <i>Environmental Research</i> , 2020, 180, 108841.	7.5	6
17	Association between ambient beta particle radioactivity and lower hemoglobin concentrations in a cohort of elderly men. <i>Environment International</i> , 2020, 139, 105735.	10.0	6
18	Solar and geomagnetic activity enhance the effects of air pollutants on atrial fibrillation. <i>Europace</i> , 2022, 24, 713-720.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Predictors of indoor radon levels in the Midwest United States. Journal of the Air and Waste Management Association, 2021, 71, 1515-1528.	1.9	4
20	Effects of particulate matter gamma radiation on oxidative stress biomarkers in COPD patients. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 727-735.	3.9	4
21	Accumulation of trace element content in the lungs of Sao Paulo city residents and its correlation to lifetime exposure to air pollution. Scientific Reports, 2022, 12, .	3.3	3
22	Geomagnetic disturbances reduce heart rate variability in the Normative Aging Study. Science of the Total Environment, 2022, , 156235.	8.0	2
23	Solar activity and number of live births in Massachusetts neonates 2000-2015. ISEE Conference Abstracts, 2021, 2021, .	0.0	0