Noel J Aquilina

List of Publications by Year
in descending order

26 papers	686 citations	687363 13 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	1047 citing authors

#	Article	IF	Citations
1	Thirdhand Smoke: New Evidence, Challenges, and Future Directions. Chemical Research in Toxicology, 2017, 30, 270-294.	3.3	178
2	Environmental and biological monitoring of exposures to PAHs and ETS in the general population. Environment International, 2010, 36, 763-771.	10.0	92
3	Relationship of personal exposure to volatile organic compounds to home, work and fixed site outdoor concentrations. Science of the Total Environment, 2011, 409, 478-488.	8.0	84
4	Measurement of Personal Exposure to Volatile Organic Compounds and Particle Associated PAH in Three UK Regions. Environmental Science & Technology, 2009, 43, 4582-4588.	10.0	44
5	Determination of atmospheric particulate-phase polycyclic aromatic hydrocarbons from low volume air samples. Analytical Methods, 2010, 2, 231.	2.7	41
6	Model Development and Validation of Personal Exposure to Volatile Organic Compound Concentrations. Environmental Health Perspectives, 2009, 117, 1571-1579.	6.0	31
7	Trends in ambient ozone, nitrogen dioxide, and particulate matter concentrations over the Maltese Islands and the corresponding health impacts. Science of the Total Environment, 2020, 700, 134527.	8.0	28
8	Characteristics and toxicological effects of commuter exposure to black carbon and metal components of fine particles (PM2.5) in Hong Kong. Science of the Total Environment, 2020, 742, 140501.	8.0	26
9	Ubiquitous atmospheric contamination by tobacco smoke: Nicotine and a new marker for tobacco smoke-derived particulate matter, nicotelline. Environment International, 2021, 150, 106417.	10.0	20
10	Evaluation of the Operational Street Pollution Model Using Data from European Cities. Environmental Monitoring and Assessment, 2004, 95, 75-96.	2.7	18
11	Coupling Mesoscale Modelling with a Simple Urban Model: The Lisbon Case Study. Boundary-Layer Meteorology, 2010, 137, 441-457.	2.3	15
12	Comparison of Machine Learning Approaches with a General Linear Model To Predict Personal Exposure to Benzene. Environmental Science & Technology, 2018, 52, 11215-11222.	10.0	15
13	Measurement and modeling of exposure to selected air toxics for health effects studies and verification by biomarkers. Research Report (health Effects Institute), 2009, , 3-96; discussion 97-100.	1.6	14
14	Impact of daily household activities on indoor PM2.5 and Black Carbon concentrations in Malta. Building and Environment, 2022, 207, 108422.	6.9	13
15	Typical Weather Years and the Effect of Urban Microclimate on the Energy Behaviour of Buildings and HVAC Systems. Advances in Building Energy Research, 2007, 1, 89-103.	2.3	12
16	Comparative Modeling Approaches for Personal Exposure to Particle-Associated PAH. Environmental Science & Technology, 2010, 44, 9370-9376.	10.0	12
17	COVID-19-Related Changes in NO2 and O3 Concentrations and Associated Health Effects in Malta. Frontiers in Sustainable Cities, 2021, 3, .	2.4	9
18	Source apportionment of indoor PM2.5 at a residential urban background site in Malta. Atmospheric Environment, 2022, 278, 119093.	4.1	8

#	Article	IF	Citations
19	An analysis of teleconnections in the Mediterranean region using <scp>RegCM4</scp>. International Journal of Climatology, 2016, 36, 797-808.	3.5	6
20	A photometric mapping of the night sky brightness of the Maltese islands. Journal of Environmental Management, 2020, 261, 110196.	7.8	6
21	Assessing oxidative stress resulting from environmental exposure to metals (Oids) in a middle Eastern population. Environmental Geochemistry and Health, 2022, 44, 2649-2668.	3.4	6
22	Estimation of the NO2 population exposure in the Northern Harbour district of Malta. Atmospheric Environment, 2021, 244, 117918.	4.1	4
23	Determination of 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone (NNK) arising from tobacco smoke in airborne particulate matter. Environment International, 2022, 158, 106992.	10.0	2
24	Tobacco-specific and combustion pollutants in settled house dust in Malta. , 2022, 1, .		2
25	Linking Chamber Derived Emission Factors to Indoor Exposure Concentrations. Epidemiology, 2011, 22, S162.	2.7	0
26	Secondhand smoke exposure in school children in Malta assessed through urinary biomarkers. Environmental Research, 2021, 204, 112405.	7.5	0