

Noel J Aquilina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6319234/publications.pdf>

Version: 2024-02-01

26
papers

686
citations

687335

13
h-index

642715

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. <i>Chemical Research in Toxicology</i> , 2017, 30, 270-294.	3.3	178
2	Environmental and biological monitoring of exposures to PAHs and ETS in the general population. <i>Environment International</i> , 2010, 36, 763-771.	10.0	92
3	Relationship of personal exposure to volatile organic compounds to home, work and fixed site outdoor concentrations. <i>Science of the Total Environment</i> , 2011, 409, 478-488.	8.0	84
4	Measurement of Personal Exposure to Volatile Organic Compounds and Particle Associated PAH in Three UK Regions. <i>Environmental Science & Technology</i> , 2009, 43, 4582-4588.	10.0	44
5	Determination of atmospheric particulate-phase polycyclic aromatic hydrocarbons from low volume air samples. <i>Analytical Methods</i> , 2010, 2, 231.	2.7	41
6	Model Development and Validation of Personal Exposure to Volatile Organic Compound Concentrations. <i>Environmental Health Perspectives</i> , 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. <i>Science of the Total Environment</i> , 2020, 700, 134527.	8.0	28
8	Characteristics and toxicological effects of commuter exposure to black carbon and metal components of fine particles (PM _{2.5}) in Hong Kong. <i>Science of the Total Environment</i> , 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. <i>Environment International</i> , 2021, 150, 106417.	10.0	20
10	Evaluation of the Operational Street Pollution Model Using Data from European Cities. <i>Environmental Monitoring and Assessment</i> , 2004, 95, 75-96.	2.7	18
11	Coupling Mesoscale Modelling with a Simple Urban Model: The Lisbon Case Study. <i>Boundary-Layer Meteorology</i> , 2010, 137, 441-457.	2.3	15
12	Comparison of Machine Learning Approaches with a General Linear Model To Predict Personal Exposure to Benzene. <i>Environmental Science & Technology</i> , 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. <i>Research Report (health Effects Institute)</i> , 2009, , 3-96; discussion 97-100.	1.6	14
14	Impact of daily household activities on indoor PM _{2.5} and Black Carbon concentrations in Malta. <i>Building and Environment</i> , 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. <i>Advances in Building Energy Research</i> , 2007, 1, 89-103.	2.3	12
16	Comparative Modeling Approaches for Personal Exposure to Particle-Associated PAH. <i>Environmental Science & Technology</i> , 2010, 44, 9370-9376.	10.0	12
17	COVID-19-Related Changes in NO ₂ and O ₃ Concentrations and Associated Health Effects in Malta. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	2.4	9
18	Source apportionment of indoor PM _{2.5} at a residential urban background site in Malta. <i>Atmospheric Environment</i> , 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