Iván Y Hernández-Paniagua

List of Publications by Year
in descending order

15	167	1307366	1125617
papers	citations	7	13
		h-index	g-index

15	15	15	275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of the COVID-19 Lockdown on Air Quality and Resulting Public Health Benefits in the Mexico City Metropolitan Area. Frontiers in Public Health, 2021, 9, 642630.	1.3	31
2	Evaluation of MODIS Aerosol Optical Depth and Surface Data Using an Ensemble Modeling Approach to Assess PM2.5 Temporal and Spatial Distributions. Remote Sensing, 2021, 13, 3102.	1.8	5
3	Explicit Modeling of Meteorological Explanatory Variables in Short-Term Forecasting of Maximum Ozone Concentrations via a Multiple Regression Time Series Framework. Atmosphere, 2020, 11, 1304.	1.0	3
4	Studying human exposure to vehicular emissions using computational fluid dynamics and an urban mobility simulator: The effect of sidewalk residence time, vehicular technologies and a traffic-calming device. Science of the Total Environment, 2019, 687, 720-731.	3.9	9
5	Inspiratory Capacity and Vital Capacity of Healthy Subjects 9–81 Years of Age at Moderate-High Altitude. Respiratory Care, 2019, 64, 153-160.	0.8	6
6	EVALUATION OF CONFINEMENT CONDITIONS AND CONTENT OF LIGNOCELLULOSIC COMPOUNDS ON URBAN SOLID WASTE BIODEGRADATION RATES. Revista Internacional De Contaminacion Ambiental, 2019, 35, 91-100.	0.1	3
7	Diurnal, seasonal, and annual trends in tropospheric CO in Southwest London during 2000–2015: Wind sector analysis and comparisons with urban and remote sites. Atmospheric Environment, 2018, 177, 262-274.	1.9	3
8	Increasing Weekend Effect in Ground-Level O3 in Metropolitan Areas of Mexico during 1988–2016. Sustainability, 2018, 10, 3330.	1.6	4
9	Personal Exposure to PM2.5 in the Megacity of Mexico: A Multi-Mode Transport Study. Atmosphere, 2018, 9, 57.	1.0	10
10	Atmospheric Distribution of PAHs and Quinones in the Gas and PM1 Phases in the Guadalajara Metropolitan Area, Mexico: Sources and Health Risk. Atmosphere, 2018, 9, 137.	1.0	9
11	Observed trends in ground-level O<sub>3</sub> in Monterrey, Mexico, during 1993–2014: comparison with Mexico City and Guadalajara. Atmospheric Chemistry and Physics, 2017, 17, 9163-9185.	1.9	15
12	Use of Combined Observational- and Model-Derived Photochemical Indicators to Assess the O3-NOx-VOC System Sensitivity in Urban Areas. Atmosphere, 2017, 8, 22.	1.0	23
13	Diurnal, seasonal, and annual trends in atmospheric CO2 at southwest London during 2000–2012: Wind sector analysis and comparison with Mace Head, Ireland. Atmospheric Environment, 2015, 105, 138-147.	1.9	31
14	Use of genetic algorithms to improve the solid waste collection service in an urban area. Waste Management, 2015, 41, 20-27.	3.7	15
15	Transient traffic energy‐use analysis employing video‐tracking and microscopic modeling techniques: A case study using electric and combustion engine vehicles. Energy Science and Engineering, 0, , .	1.9	0