

Sergio Ibarra

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

265
citations

9
h-index

16
g-index

32
ext. papers

397
ext. citations

5.7
avg, IF

3.34
L-index

#	Paper	IF	Citations
22	Spread of SARS-CoV-2 through Latin America and the Caribbean region: A look from its economic conditions, climate and air pollution indicators. <i>Environmental Research</i> , 2020 , 191, 109938	7.9	59
21	Air quality forecasting system for Southeastern Brazil. <i>Frontiers in Environmental Science</i> , 2015 , 3,	4.8	39
20	VEIN v0.2.2: an R package for bottom-up vehicular emissions inventories. <i>Geoscientific Model Development</i> , 2018 , 11, 2209-2229	6.3	32
19	A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. <i>Environment International</i> , 2021 , 157, 106818	12.9	30
18	High spatial and temporal resolution vehicular emissions in south-east Brazil with traffic data from real-time GPS and travel demand models. <i>Atmospheric Environment</i> , 2020 , 222, 117136	5.3	20
17	Multimodel simulations of a springtime dust storm over northeastern China: implications of an evaluation of four commonly used air quality models (CMAQ v5.2.1, CAMx v6.50, CHIMERE v2017r4, and WRF-Chem v3.9.1). <i>Geoscientific Model Development</i> , 2019 , 12, 4603-4625	6.3	15
16	A two decades study on ozone variability and trend over the main urban areas of the Sã Paulo state, Brazil. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 31699-31716	5.1	12
15	Kriging method application and traffic behavior profiles from local radar network database: A proposal to support traffic solutions and air pollution control strategies. <i>Sustainable Cities and Society</i> , 2020 , 56, 102062	10.1	12
14	Air Quality Standards and Extreme Ozone Events in the Sã Paulo Megacity. <i>Sustainability</i> , 2019 , 11, 3725	3.6	11
13	Generating traffic flow and speed regional model data using internet GPS vehicle records. <i>MethodsX</i> , 2019 , 6, 2065-2075	1.9	9
12	Negative-Binomial and quasi-poisson regressions between COVID-19, mobility and environment in Sã Paulo, Brazil. <i>Environmental Research</i> , 2022 , 204, 112369	7.9	5
11	export: An R package to export emissions to atmospheric models. <i>Journal of Open Source Software</i> , 2018 , 3, 607	5.2	3
10	A comprehensive spatial and temporal vehicular emissions for northeast China. <i>Atmospheric Environment</i> , 2021 , 244, 117952	5.3	3
9	VEIN v0.2.2: an R package for bottom-up Vehicular Emissions Inventories 2017 , 1-29		2
8	Atmospheric pollution and mortality. A comparative study between two Latin American cities: Buenos Aires (Argentina) and Santiago (Chile). <i>International Journal of Environment and Health</i> , 2013 , 6, 363	1.3	2
7	Evolution of Vehicle Emission Factors in a Megacity Affected by Extensive Biofuel Use: Results of Tunnel Measurements in Sã Paulo, Brazil. <i>Environmental Science & Technology</i> , 2021 , 55, 6677-6687	10.3	2
6	Coupled models using radar network database to assess vehicular emissions in current and future scenarios. <i>Science of the Total Environment</i> , 2021 , 761, 143207	10.2	2

5	Multi-model simulations of springtime dust storms in East Asia: Implications of an evaluation of four commonly used air quality models (CMAQv5.2.1, CAMxv6.50, CHIMEREv2017r4, and WRF-Chem v3.9.1) 2019 ,		1
4	EmissV: an R package to create vehicular and other emissions for air quality models. <i>Journal of Open Source Software</i> , 2018 , 3, 662	5.2	1
3	Effects of Evaporative Emissions Control Measurements on Ozone Concentrations in Brazil. <i>Atmosphere</i> , 2022 , 13, 82	2.7	0
2	Simulation of O ₃ and NO _x in Sã Paulo street urban canyons with VEIN (v0.2.2) and MUNICH (v1.0). <i>Geoscientific Model Development</i> , 2021 , 14, 3251-3268	6.3	0
1	Vehicle emissions measurement and modeling 2020 , 75-109		