Sergio Ibarra

List of Publications by Year in Descending Order

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	Effects of Evaporative Emissions Control Measurements on Ozone Concentrations in Brazil. *Atmosphere*, **2022**, 13, 82	2.7	0
21	Negative-Binomial and quasi-poisson regressions between COVID-19, mobility and environment in São Paulo, Brazil. *Environmental Research*, **2022**, 204, 112369	7.9	5
20	Evolution of Vehicle Emission Factors in a Megacity Affected by Extensive Biofuel Use: Results of Tunnel Measurements in São Paulo, Brazil. *Environmental Science & Technology*, **2021**, 55, 6677-6687	10.3	2
19	Simulation of O₃ and NO_{<i>x</i>} in São Paulo street urban canyons with VEIN (v0.2.2) and MUNICH (v1.0). *Geoscientific Model Development*, **2021**, 14, 3251-3268	6.3	0
18	A comprehensive spatial and temporal vehicular emissions for northeast China. *Atmospheric Environment*, **2021**, 244, 117952	5.3	3
17	Coupled models using radar network database to assess vehicular emissions in current and future scenarios. *Science of the Total Environment*, **2021**, 761, 143207	10.2	2
16	A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. *Environment International*, **2021**, 157, 106818	12.9	30
15	Vehicle emissions measurement and modeling **2020**, 75-109		
14	Kriging method application and traffic behavior profiles from local radar network database: A proposal to support traffic solutions and air pollution control strategies. *Sustainable Cities and Society*, **2020**, 56, 102062	10.1	12
13	High spatial and temporal resolution vehicular emissions in south-east Brazil with traffic data from real-time GPS and travel demand models. *Atmospheric Environment*, **2020**, 222, 117136	5.3	20
12	Spread of SARS-CoV-2 through Latin America and the Caribbean region: A look from its economic conditions, climate and air pollution indicators. *Environmental Research*, **2020**, 191, 109938	7.9	59
11	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
10	A two decades study on ozone variability and trend over the main urban areas of the São Paulo state, Brazil. *Environmental Science and Pollution Research*, **2019**, 26, 31699-31716	5.1	12
9	Generating traffic flow and speed regional model data using internet GPS vehicle records. *MethodsX*, **2019**, 6, 2065-2075	1.9	9
8	Air Quality Standards and Extreme Ozone Events in the São Paulo Megacity. *Sustainability*, **2019**, 11, 3725	3.6	11
7	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). *Geoscientific Model Development*, **2019**, 12, 4603-4625	6.3	15
6	eixport: An R package to export emissions to atmospheric models. *Journal of Open Source Software*, **2018**, 3, 607	5.2	3

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5	EmissV: an R package to create vehicular and other emissions for air quality models. *Journal of Open Source Software*, **2018**, 3, 662	5.2	1
4	VEIN v0.2.2: an R package for bottom‐up vehicular emissions inventories. *Geoscientific Model Development*, **2018**, 11, 2209-2229	6.3	32
3	VEIN v0.2.2: an R package for bottom-up Vehicular Emissions Inventories **2017**, 1-29		2
2	Air quality forecasting system for Southeastern Brazil. *Frontiers in Environmental Science*, **2015**, 3,	4.8	39
1	Atmospheric pollution and mortality. A comparative study between two Latin American cities: Buenos Aires (Argentina) and Santiago (Chile). *International Journal of Environment and Health*, **2013**, 6, 363	1.3	2