

Richard Toro Araya

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

480
citations

759055

12
h-index

713332

21
g-index

27
all docs

27
docs citations

27
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term airborne particle pollution assessment in the city of Coyhaique, Patagonia, Chile. <i>Urban Climate</i> , 2022, 43, 101144.	2.4	6
2	Local Air Quality Issues and Research Priorities Through the Lenses of Chilean Experts: An Ontological Analysis. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 273-281.	1.6	6
3	Short-term air pollution events in the Atacama desert, Chile. <i>Journal of South American Earth Sciences</i> , 2021, 105, 103010.	0.6	3
4	Exploring the oxidative potential and respiratory deposition of size-segregated particulate matter at an urban site. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102957.	0.6	6
5	The Effect of COVID-19 Lockdowns on the Air Pollution of Urban Areas of Central and Southern Chile. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200677.	0.9	13
6	Effects of COVID-19 pandemic control measures on air pollution in Lima metropolitan area, Peru in South America. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 925-933.	1.5	20
7	Air pollution and COVID-19 lockdown in a large South American city: Santiago Metropolitan Area, Chile. <i>Urban Climate</i> , 2021, 36, 100803.	2.4	39
8	Urban atmospheric particle size distribution in Santiago, Chile. <i>Atmospheric Pollution Research</i> , 2021, 12, 101201.	1.8	2
9	Airborne Aerosols and Human Health: Leapfrogging from Mass Concentration to Oxidative Potential. <i>Atmosphere</i> , 2020, 11, 917.	1.0	35
10	Dithiothreitol-based oxidative potential for airborne particulate matter: an estimation of the associated uncertainty. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29672-29680.	2.7	15
11	Exploring atmospheric stagnation during a severe particulate matter air pollution episode over complex terrain in Santiago, Chile. <i>Environmental Pollution</i> , 2019, 244, 705-714.	3.7	48
12	Potential local and regional impacts of particulate matter emitted from one of the world's largest open-pit coal mines. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 601-610.	1.5	12
13	Landfill fire and airborne aerosols in a large city: lessons learned and future needs. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 111-121.	1.5	35
14	Trend and recovery of the total ozone column in South America and Antarctica. <i>Climate Dynamics</i> , 2017, 49, 3735-3752.	1.7	8
15	Particulate matter in urban areas of south-central Chile exceeds air quality standards. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 653-667.	1.5	50
16	Particulate matter levels in a South American megacity: the metropolitan area of Lima-Callao, Peru. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 635.	1.3	44
17	Accuracy and reliability of Chile's National Air Quality Information System for measuring particulate matter: Beta attenuation monitoring issue. <i>Environment International</i> , 2015, 82, 101-109.	4.8	14
18	Trends and threshold exceedances analysis of airborne pollen concentrations in Metropolitan Santiago Chile. <i>PLoS ONE</i> , 2015, 10, e0123077.	1.1	10

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19	Ozone, nitrogen oxides, and volatile organic compounds in a central zone of Chile. <i>Air Quality, Atmosphere and Health</i> , 2015, 8, 545-557.	1.5	11
20	Carbonaceous Aerosols in Fine Particulate Matter of Santiago Metropolitan Area, Chile. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	0.8	11
21	Urban Atmospheric Ammonia in Santiago City, Chile. <i>Aerosol and Air Quality Research</i> , 2014, 14, 33-44.	0.9	22
22	Inhaled and inspired particulates in Metropolitan Santiago Chile exceed air quality standards. <i>Building and Environment</i> , 2014, 79, 115-123.	3.0	25
23	A study of water-soluble inorganic ions in size-segregated aerosols in atmospheric pollution episode. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 437-448.	1.8	13
24	Photochemical ozone pollution in the Valparaiso Region, Chile. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 1-11.	1.5	16
25	Estimating the uncertainty in the atmospheric ammonia concentration in an urban area by Ogawa passive samplers. <i>Microchemical Journal</i> , 2013, 110, 340-349.	2.3	8
26	DETERMINATION OF MINING ACTIVITY OF RIVER SEDIMENTS OF THREE CHILEAN BASINS BY PARTICLE INDUCED X-RAY EMISSION (PIXE). <i>Journal of the Chilean Chemical Society</i> , 2012, 57, 1400-1403.	0.5	4