

# Luis Inostroza

## 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.

46  
papers

1,264  
citations

18  
h-index

35  
g-index

54  
ext. papers

1,615  
ext. citations

4.4  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
46	Urban sprawl and fragmentation in Latin America: a dynamic quantification and characterization of spatial patterns. <i>Journal of Environmental Management</i> , <b>2013</b> , 115, 87-97	7.9	175
45	Indicators of Cultural Ecosystem Services for urban planning: A review. <i>Ecological Indicators</i> , <b>2016</b> , 61, 74-89	5.8	110
44	From urban climate to energy consumption. Enhancing building performance simulation by including the urban heat island effect. <i>Energy and Buildings</i> , <b>2017</b> , 145, 107-120	7	90
43	A Heat Vulnerability Index: Spatial Patterns of Exposure, Sensitivity and Adaptive Capacity for Santiago de Chile. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162464	3.7	79
42	Integrating ecosystem services supply potential from future land-use scenarios in protected area management: A Bangladesh case study. <i>Ecosystem Services</i> , <b>2017</b> , 26, 355-364	6.1	76
41	. <i>Journal of Lightwave Technology</i> , <b>1992</b> , 10, 539-543	4	70
40	Evaluating the role of ecosystem services in participatory land use planning: proposing a balanced score card. <i>Landscape Ecology</i> , <b>2014</b> , 29, 1435-1446	4.3	59
39	Six fundamental aspects for conceptualizing multidimensional urban form: A spatial mapping perspective. <i>Landscape and Urban Planning</i> , <b>2018</b> , 179, 55-62	7.7	58
38	Monitoring ecosystem dynamics in northwestern Ethiopia using NDVI and climate variables to assess long term trends in dryland vegetation variability. <i>Applied Geography</i> , <b>2017</b> , 79, 167-178	4.4	57
37	Informal urban development in Latin American urban peripheries. Spatial assessment in Bogotá, Lima and Santiago de Chile. <i>Landscape and Urban Planning</i> , <b>2017</b> , 165, 267-279	7.7	51
36	Measuring urban ecosystem functions through Technomass, a novel indicator to assess urban metabolism. <i>Ecological Indicators</i> , <b>2014</b> , 42, 10-19	5.8	46
35	Last of the wild revisited: assessing spatial patterns of human impact on landscapes in Southern Patagonia, Chile. <i>Regional Environmental Change</i> , <b>2016</b> , 16, 2071-2085	4.3	28
34	Monitoring the effects of land cover change on the supply of ecosystem services in an urban region: A study of Santiago-Valparaíso, Chile. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188117	3.7	27
33	Ecosystem services appreciation of urban lakes in Romania. Synergies and trade-offs between multiple users. <i>Ecosystem Services</i> , <b>2019</b> , 37, 100937	6.1	25
32	Putting ecosystem services into practice: Trade-off assessment tools, indicators and decision support systems. <i>Ecosystem Services</i> , <b>2017</b> , 26, 303-305	6.1	23
31	The global homogenization of urban form. An assessment of 194 cities across time. <i>Landscape and Urban Planning</i> , <b>2020</b> , 204, 103949	7.7	22
30	Beyond urban-rural dichotomies: Measuring urbanisation degrees in central European landscapes using the technomass as an explicit indicator. <i>Ecological Indicators</i> , <b>2019</b> , 96, 466-476	5.8	22

29	And the winner is? Comparing urban green space provision and accessibility in eight European metropolitan areas using a spatially explicit approach. <i>Urban Forestry and Urban Greening</i> , <b>2020</b> , 49, 1266-1303	5.4	18
28	Urban Flood Risk Reduction by Increasing Green Areas for Adaptation to Climate Change. <i>Procedia Engineering</i> , <b>2016</b> , 161, 2241-2246		18
27	Matches and mismatches between the supply of and demand for cultural ecosystem services in rapidly urbanizing watersheds: A case study in the Guanting Reservoir basin, China. <i>Ecosystem Services</i> , <b>2020</b> , 45, 101156	6.1	16
26	Technomass and cooling demand in South America: a superlinear relationship?. <i>Building Research and Information</i> , <b>2018</b> , 46, 864-880	4.3	15
25	Linking ecosystem services and subjective well-being in rapidly urbanizing watersheds: Insights from a multilevel linear model. <i>Ecosystem Services</i> , <b>2020</b> , 43, 101106	6.1	14
24	Key Parameters for Urban Heat Island Assessment in A Mediterranean Context: A Sensitivity Analysis Using the Urban Weather Generator Model. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 245, 082055	0.4	13
23	From urban sprawl to compact green cities: Advancing multi-scale and multi-dimensional analysis. <i>Ecological Indicators</i> , <b>2019</b> , 96, 1-2	5.8	12
22	The circularity of the urban ecosystem material productivity: The transformation of biomass into technomass in Southern Patagonia. <i>Sustainable Cities and Society</i> , <b>2018</b> , 39, 335-343	10.1	10
21	Ecosystem services deficits in cross-boundary landscapes: spatial mismatches between green and grey systems. <i>Urban Ecosystems</i> , <b>2019</b> , 22, 37-47	2.8	10
20	Urban weather data and building models for the inclusion of the urban heat island effect in building performance simulation. <i>Data in Brief</i> , <b>2017</b> , 14, 671-675	1.2	8
19	Informal Urban Development in the Greater Buenos Aires Area: A Quantitative-Spatial Assessment Based On Households' Physical Features Using GIS and Principal Component Analysis. <i>Procedia Engineering</i> , <b>2016</b> , 161, 2138-2146		6
18	Urban Heat Island Effect on the Energy Consumption of Institutional Buildings in Rome. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 245, 082015	0.4	4
17	The metabolic urban network: Urbanisation as hierarchically ordered space of flows. <i>Cities</i> , <b>2021</b> , 109, 103029	5.6	4
16	Ecosystem Services and Urbanisation. A Spatially Explicit Assessment in Upper Silesia, Central Europe. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 471, 092028	0.4	3
15	Urban form datasets of 194 cities delineated based on the contiguous urban fabric for 1990 and 2015. <i>Data in Brief</i> , <b>2020</b> , 33, 106369	1.2	3
14	Does building development in Dhaka comply with land use zoning? An analysis using nighttime light and digital building heights. <i>Sustainability Science</i> , <b>2021</b> , 16, 1323-1340	6.4	3
13	Natural Ventilation: A Mitigation Strategy to Reduce Overheating In Buildings under Urban Heat Island Effect in South American Cities. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 245, 072046	0.4	2
12	El mito de pristinidad y los usos efectivos del territorio de la regi3n de Magallanes, Patagonia Chilena: Forestal, miner3 y acuicultura. <i>Estudios Geograficos</i> , <b>2015</b> , 76, 141-175	0.4	2

11	Measuring Urban Informality in Latin America. GIS Spatial Assessment of Informal Urban Development in Santiago De Chile. <i>Procedia Engineering</i> , <b>2016</b> , 161, 1631-1638		2
10	Urban Climate in the South American Coastal Cities of Guayaquil, Lima, Antofagasta, and Valparaíso, and Its Impacts on the Energy Efficiency of Buildings <b>2019</b> , 33-62		2
9	Neighbourhood Environmental Contribution and Health. A novel indicator integrating urban form and urban green. <i>Change and Adaptation in Socio-Ecological Systems</i> , <b>2018</b> , 4, 46-51	1.3	2
8	Intraurban heterogeneity of space-time land surface temperature trends in six climate-diverse cities. <i>Science of the Total Environment</i> , <b>2022</b> , 804, 150037	10.2	2
7	Does urban climate follow urban form? Analyzing intraurban LST trajectories versus urban form trends in 3 cities with different background climates.. <i>Science of the Total Environment</i> , <b>2022</b> , 154570	10.2	2
6	Urban Parks and Social Inequalities in the Access to Ecosystem Services in Santiago, Chile. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 471, 102042	0.4	1
5	Clustering Spatially Explicit Bundles of Ecosystem Services in A Central European Region. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 471, 092027	0.4	1
4	Who Pays the Bill? Assessing Ecosystem Services Losses in an Urban Planning Context. <i>Land</i> , <b>2021</b> , 10, 369	3.5	1
3	The role of spatial planning in land change: An assessment of urban planning and nature conservation efficiency at the southeastern coast of Brazil. <i>Land Use Policy</i> , <b>2021</b> , 105771	5.6	1
2	The varying roles of ecosystem services in poverty alleviation among rural households in urbanizing watersheds. <i>Landscape Ecology</i> ,1	4.3	1
1	Urban Heat Island of Valparaíso, Chile - A Comparison between 2007 and 2016. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 245, 072036	0.4	0