Eric Vaz

List of Publications by Year
in descending order

68 papers	1,560 citations	304368 22 h-index	329751 37 g-index
73 all docs	73 docs citations	73 times ranked	1448 citing authors

#	Article	IF	Citations
1	Spatiotemporal simulation of urban growth patterns using agent-based modeling: The case of Tehran. Cities, 2013, 32, 33-42.	2.7	165
2	Spatial Heterogeneity in Hedonic House Price Models: The Case of Austria. Urban Studies, 2014, 51, 390-411.	2.2	133
3	GlobeLand30 as an alternative fine-scale global land cover map: Challenges, possibilities, and implications for developing countries. Habitat International, 2016, 55, 25-31.	2.3	86
4	Exploring expert perception towards brownfield redevelopment benefits according to their typology. Habitat International, 2018, 72, 66-76.	2.3	70
5	An assessment of a collaborative mapping approach for exploring land use patterns for several European metropolises. International Journal of Applied Earth Observation and Geoinformation, 2015, 35, 329-337.	1.4	69
6	Gravitational forces in the spatial impacts of urban sprawl: An investigation of the region of Veneto, Italy. Habitat International, 2015, 45, 99-105.	2.3	62
7	Investigating urban heat island through spatial analysis of New York City streetscapes. Journal of Cleaner Production, 2019, 233, 972-992.	4.6	57
8	The future of landscapes and habitats: The regional science contribution to the understanding of geographical space. Habitat International, 2016, 51, 70-78.	2.3	56
9	Managing urban coastal areas through landscape metrics: An assessment of Mumbai's mangrove system. Ocean and Coastal Management, 2014, 98, 27-37.	2.0	55
10	Predicting Urban Growth of the Greater Toronto Area - Coupling a Markov Cellular Automata with Document Meta-Analysis. Journal of Environmental Informatics, 2015, 25, 71-80.	6.0	51
11	Urban heritage endangerment at the interface of future cities and past heritage: A spatial vulnerability assessment. Habitat International, 2012, 36, 287-294.	2.3	45
12	Spatial data for slum upgrading: Volunteered Geographic Information and the role of citizen science. Habitat International, 2018, 72, 18-26.	2.3	43
13	Modelling innovation support systems for regional development â€“ analysis of cluster structures in innovation in Portugal. Entrepreneurship and Regional Development, 2014, 26, 23-46.	2.0	41
14	Regional challenges in tourist wetland systems: an integrated approach to the Ria Formosa in the Algarve, Portugal. Regional Environmental Change, 2013, 13, 33-42.	1.4	35
15	Exploratory Landscape Metrics for Agricultural Sustainability. Agroecology and Sustainable Food Systems, 2014, 38, 92-108.	1.0	33
16	Spatiotemporal monitoring of Bakhtegan Lake's areal fluctuations and an exploration of its future status by applying a cellular automata model. Computers and Geosciences, 2015, 78, 37-43.	2.0	32
17	Crowdsourced mapping of land use in urban dense environments: An assessment of Toronto. Canadian Geographer / Geographie Canadien, 2015, 59, 246-255.	1.0	31
18	Framing urban habitats: The small and medium towns in the peripheries. Habitat International, 2015, 45, 147-155.	2.3	31

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19	Is the heritage really important? A theoretical framework for heritage reputation using citizen sensing. Habitat International, 2015, 45, 156-162.	2.3	29
20	The geography of environmental injustice. Habitat International, 2017, 59, 118-125.	2.3	27
21	Urban change in Goa, India. Habitat International, 2017, 68, 24-29.	2.3	25
22	COVID-19 in Toronto: A Spatial Exploratory Analysis. Sustainability, 2021, 13, 498.	1.6	25
23	Land use perception of self-reported health: Exploratory analysis of anthropogenic land use phenotypes. Land Use Policy, 2015, 46, 232-240.	2.5	24
24	Development of a cellular automata model using open source technologies for monitoring urbanisation in the global south: The case of Maputo, Mozambique. Habitat International, 2018, 71, 38-48.	2.3	22
25	An Application for Regional Coastal Erosion Processes in Urban Areas: A Case Study of the Golden Horseshoe in Canada. Land, 2013, 2, 595-608.	1.2	21
26	Linking Agricultural Policies with Decision-Making: A Spatial Approach. European Planning Studies, 2015, 23, 733-745.	1.6	18
27	Sustainability in the trans-border regions? The case of Andalusia - Algarve. International Journal of Global Environmental Issues, 2015, 14, 151.	0.1	16
28	A multi-level spatial urban pressure analysis of the Giza pyramid plateau in Egypt. Journal of Heritage Tourism, 2011, 6, 99-108.	1.6	14
29	Trapped between antiquity and urbanism â€“ a multi-criteria assessment model of the greater Cairo Metropolitan area. Journal of Land Use Science, 2011, 6, 283-299.	1.0	14
30	Analyzing crop change scenario with the SmartScapeâ„¢ spatial decision support system. Land Use Policy, 2016, 51, 41-53.	2.5	14
31	Urban Sprawl and Growth Prediction for Lagos Using GlobeLand30 Data and Cellular Automata Model. Sci, 2021, 3, 23.	1.8	14
32	Data Analysis of Land Use Change and Urban and Rural Impacts in Lagos State, Nigeria. Data, 2020, 5, 72.	1.2	13
33	Innovative firms behind the regions: Analysis of regional innovation performance in Portugal by external logistic biplots. European Urban and Regional Studies, 2015, 22, 329-344.	1.8	12
34	How Corporations Deal with Reporting Sustainability: Assessment Using the Multicriteria Logistic Biplot Approach. Systems, 2015, 3, 6-26.	1.2	12
35	Urban habitats and the injury landscape. Habitat International, 2016, 56, 52-62.	2.3	12
36	Crossroads of tourism: a complex spatial systems analysis of tourism and urban sprawl in the Algarve. International Journal of Sustainable Development, 2011, 14, 225.	0.1	11

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37	Theoretical Foundations in Support of Small and Medium Towns. Sustainability, 2020, 12, 5312.	1.6	11
38	Spatio-temporal assessment of COVID-19 lockdown impact on beach litter status and composition in Goa, India. Marine Pollution Bulletin, 2022, 174, 113293.	2.3	11
39	Does Land Use and Landscape Contribute to Self-Harm? A Sustainability Cities Framework. Data, 2020, 5, 9.	1.2	10
40	Potential of Geographic Information Systems for Refugee Crisis: Syrian Refugee Relocation in Urban Habitats. Habitat International, 2018, 72, 39-47.	2.3	9
41	A geographical exploration of environmental and land use characteristics of suicide in the greater Toronto area. Psychiatry Research, 2020, 287, 112790.	1.7	9
42	Rethinking agricultural land use in Algiers: A spatial analysis of the Eastern Mitidja Plain. Habitat International, 2020, 104, 102239.	2.3	8
43	Archaeological Sites in Small Townsâ€"A Sustainability Assessment of Northumberland County. Sustainability, 2020, 12, 2018.	1.6	8
44	Analysis of 200Âyears of change in ontario wetland systems. Applied Geography, 2022, 138, 102625.	1.7	8
45	Analysis of Wetland Landcover Change in Great Lakes Urban Areas Using Self-Organizing Maps. Remote Sensing, 2021, 13, 4960.	1.8	7
46	Using GIS towards the Characterization and Soil Mapping of the Caia Irrigation Perimeter. Sustainability, 2016, 8, 368.	1.6	6
47	The use of gravity concepts for agricultural land-use dynamics: a case study on the Algarve. International Journal of Foresight and Innovation Policy, 2012, 8, 262.	0.2	5
48	Diversifying Mediterranean Tourism as a Strategy for Regional Resilience Enhancement. Advances in Spatial Science, 2018, , 105-127.	0.3	5
49	Open data and injuries in urban areasâ€"A spatial analytical framework of Toronto using machine learning and spatial regressions. PLoS ONE, 2021, 16, e0248285.	1.1	4
50	Recovering Ancient Landscapes in Coastal Zones for Cultural Tourism: A Spatial Analysis. , 2020, , 9-28.		4
51	Special Issue Editorial: Earth Observation and Geoinformation Technologies for Sustainable Development. Sustainability, 2017, 9, 760.	1.6	3
52	Mars Terraforming: A Geographic Information Systems Framework. Life Sciences in Space Research, 2020, 24, 50-63.	1.2	3
53	Machine learning for analysis of wealth in cities: A spatial-empirical examination of wealth in Toronto. Habitat International, 2021, 108, 102319.	2.3	3
54	Mumbai's business landscape: A spatial analytical approach to urbanisation. Heliyon, 2021, 7, e07522.	1.4	3

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55	Pollen sleuthing for terrestrial plant surveys: Locating plant populations by exploiting pollen movement. Applications in Plant Sciences, 2018, 6, e1020.	0.8	2
56	Regional Science. , 2020, , 357-361.		2
57	Sensing World Heritage. Lecture Notes in Computer Science, 2014, , 404-419.	1.0	2
58	Dynamic Sustainability: Back to History to Advocate for Small- and Medium-Sized Towns. New Frontiers in Regional Science: Asian Perspectives, 2021, , 47-65.	0.1	1
59	Canadian Regional Science 2.0. New Frontiers in Regional Science: Asian Perspectives, 2021, , 37-46.	0.1	1
60	Merging Entropy in Self-Organisation: A Geographical Approach. Advances in Spatial Science, 2018, , 171-186.	0.3	1
61	Regional Opportunities in Southern Europe. , 2020, , 23-36.		1
62	Why a multidisciplinary agenda for Southern Europe?. Region, 2019, 6, E1-E5.	0.3	1
63	Coupling Agent-Based Modelling with Geographic Information Systems for Environmental Studiesâ€"A Review. , 2020, , 225-249.		1
64	Urban Sprawl and Growth Prediction for Lagos Using GlobeLand30 Data and Cellular Automata Model. Sci, 2020, 2, 80.	1.8	0
65	Landscape and Heritage in Southern Europe. , 2020, , 37-55.		0
66	Spatial Association of Agricultural Land Loss in Southern Europe. , 2020, , 123-136.		0
67	Introduction: Regional Intelligenceâ€"A New Kind of Science. , 2020, , 1-6.		0
68	Diversity and Country Performance. , 2020, , 1-22.		0