

Richard Sliuzas

List of Publications by Year in descending order

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78
papers

3,081
citations

136950
32
h-index

168389
53
g-index

87
all docs

87
docs citations

87
times ranked

2592
citing authors

#	ARTICLE	IF	CITATIONS
1	The unintended consequences of Egypt's institutional land regime on unplanned settlement growth in the Nile Valley. <i>Land Use Policy</i> , 2022, 113, 105887.	5.6	4
2	Urban induced-displacement of informal settlement dwellers: A comparison of affected households' and planning officials' preferences for resettlement site attributes in Kigali, Rwanda. <i>Habitat International</i> , 2022, 119, 102489.	5.8	8
3	Wildland urban interface of the City of Cape Town 1990–2019. <i>Geographical Research</i> , 2022, 60, 395-413.	1.8	4
4	Identifying degrees of deprivation from space using deep learning and morphological spatial analysis of deprived urban areas. <i>Computers, Environment and Urban Systems</i> , 2022, 95, 101820.	7.1	15
5	The Missing Millions in Maps: Exploring Causes of Uncertainties in Global Gridded Population Datasets. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 403.	2.9	9
6	EO-Based Low-Cost Frameworks to Address Global Urban Data GAPS on Deprivation and Multiple Hazards. , 2021, , .		0
7	Enhanced data and methods for improving open and free global population grids: putting "leaving no one behind" into practice. <i>International Journal of Digital Earth</i> , 2020, 13, 61-77.	3.9	42
8	Measuring and understanding global human settlements patterns and processes: innovation, progress and application. <i>International Journal of Digital Earth</i> , 2020, 13, 2-8.	3.9	8
9	Spatial and Temporal Human Settlement Growth Differentiation with Symbolic Machine Learning for Verifying Spatial Policy Targets: Assiut Governorate, Egypt as a Case Study. <i>Remote Sensing</i> , 2020, 12, 3799.	4.0	3
10	Assessment of cascading effects of typhoons on water and sanitation services: A case study of informal settlements in Malabon, Philippines. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101755.	3.9	11
11	Need for an Integrated Deprived Area "Slum" Mapping System (IDEAMAPS) in Low- and Middle-Income Countries (LMICs). <i>Social Sciences</i> , 2020, 9, 80.	1.4	38
12	Evaluating Spatial Scenarios for Sustainable Development in Quito, Ecuador. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 141.	2.9	14
13	From Closed to Claimed Spaces for Participation: Contestation in Urban Redevelopment Induced-Displacements and Resettlement in Kigali, Rwanda. <i>Land</i> , 2020, 9, 212.	2.9	9
14	The influence of governance rearrangements on flood risk management in Kampala, Uganda. <i>Environmental Policy and Governance</i> , 2020, 30, 151-163.	3.7	6
15	An extended briefing and debriefing technique to enhance data quality in cross-national/language mixed-method research. <i>International Journal of Social Research Methodology: Theory and Practice</i> , 2020, 23, 661-675.	4.4	4
16	Monitoring household upgrading in unplanned settlements with unmanned aerial vehicles. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 90, 102117.	2.8	10
17	Making Use of Fuzzy Cognitive Maps in Agent-Based Modeling. <i>Springer Proceedings in Complexity</i> , 2020, , 307-313.	0.3	3
18	Policy Option Simulation in Socio-ecological Systems. <i>Springer Proceedings in Complexity</i> , 2020, , 315-320.	0.3	0

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19	Climate vulnerability mapping: A systematic review and future prospects. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e600.	8.1	60
20	Do we underestimate the global slum population?. , 2019, , .		2
21	An Improved Global Analysis of Population Distribution in Proximity to Active Volcanoes, 1975â€“2015. ISPRS International Journal of Geo-Information, 2019, 8, 341.	2.9	41
22	From individual Fuzzy Cognitive Maps to Agent Based Models: Modeling multi-factorial and multi-stakeholder decision-making for water scarcity. Journal of Environmental Management, 2019, 250, 109482.	7.8	38
23	Because space matters: conceptual framework to help distinguish slum from non-slum urban areas. BMJ Global Health, 2019, 4, e001267.	4.7	60
24	Livelihood impacts of displacement and resettlement on informal households - A case study from Kigali, Rwanda. Habitat International, 2019, 86, 38-47.	5.8	83
25	The exposure of slums to high temperature: Morphology-based local scale thermal patterns. Science of the Total Environment, 2019, 650, 1805-1817.	8.0	32
26	Context-Based Filtering of Noisy Labels for Automatic Basemap Updating From UAV Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2731-2741.	4.9	12
27	Open spaces and risk perception in post-earthquake Kathmandu city. Applied Geography, 2018, 93, 81-91.	3.7	42
28	The Scope of Earth-Observation to Improve the Consistency of the SDG Slum Indicator. ISPRS International Journal of Geo-Information, 2018, 7, 428.	2.9	71
29	Machine Learning-Based Slum Mapping in Support of Slum Upgrading Programs: The Case of Bandung City, Indonesia. Remote Sensing, 2018, 10, 1522.	4.0	47
30	Evaluating the Societal Impact of Using Drones to Support Urban Upgrading Projects. ISPRS International Journal of Geo-Information, 2018, 7, 91.	2.9	27
31	Capturing the Urban Divide in Nighttime Light Images From the International Space Station. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2578-2586.	4.9	23
32	Informal settlement classification using point-cloud and image-based features from UAV data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 125, 225-236.	11.1	66
33	A structured participatory method to support policy option analysis in a social-ecological system. Journal of Environmental Management, 2017, 197, 360-372.	7.8	32
34	City nighttime light variations using ISS images. , 2017, , .		3
35	Developing a cellular automata model of urban growth to inform spatial policy for flood mitigation: A case study in Kampala, Uganda. Computers, Environment and Urban Systems, 2017, 65, 53-65.	7.1	33
36	An automated technique for basemap updating using UAV data. , 2017, , .		0

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37	Assessing the quality of Global Human Settlement Layer products for Kampala, Uganda. , 2017, , .		4
38	Slum mapping. , 2017, , .		6
39	Spatial patterns of slums: Comparing African and Asian cities. , 2017, , .		13
40	Capturing the Diversity of Deprived Areas with Image-Based Features: The Case of Mumbai. Remote Sensing, 2017, 9, 384.	4.0	46
41	Slums from Space—15 Years of Slum Mapping Using Remote Sensing. Remote Sensing, 2016, 8, 455.	4.0	234
42	Extraction of Slum Areas From VHR Imagery Using GLCM Variance. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1830-1840.	4.9	114
43	Participatory Local Governance in Asian Cities. Environment and Urbanization ASIA, 2016, 7, 1-21.	1.8	20
44	Urban slum detection using texture and spatial metrics derived from satellite imagery. Journal of Spatial Science, 2016, 61, 405-426.	1.5	62
45	Uncertainty analysis for image interpretations of urban slums. Computers, Environment and Urban Systems, 2016, 60, 37-49.	7.1	48
46	Integration of 2D and 3D features from UAV imagery for informal settlement classification using Multiple Kernel Learning. , 2016, , .		3
47	Modelling the impacts of urban upgrading on population dynamics. Environmental Modelling and Software, 2016, 78, 150-162.	4.5	14
48	The Socio-Ecological analytical framework of water scarcity in rafsanjan township, Iran. International Journal of Safety and Security Engineering, 2016, 6, 764-776.	1.0	10
49	AESOP Thematic Groups: Resilience and Risk Mitigation Strategies. Disp, 2015, 51, 90-92.	0.4	0
50	The utility of the co-occurrence matrix to extract slum areas from VHR imagery. , 2015, , .		2
51	The risk of impoverishment in urban development-induced displacement and resettlement in Ahmedabad. Environment and Urbanization, 2015, 27, 231-256.	2.6	64
52	The water crisis and socio-ecological development profile of Rafsanjan Township, Iran. WIT Transactions on Ecology and the Environment, 2015, , .	0.0	10
53	The development of a morphological unplanned settlement index using very-high-resolution (VHR) imagery. Computers, Environment and Urban Systems, 2014, 48, 138-152.	7.1	65
54	An integrated framework to evaluate the equity of urban public facilities using spatial multi-criteria analysis. Cities, 2014, 40, 56-69.	5.6	110

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55	Spatial Analyses of the Urban Village Development Process in Shenzhen, China. International Journal of Urban and Regional Research, 2013, 37, 2177-2197.	2.4	73
56	Beijing. Cities, 2013, 31, 491-506.	5.6	61
57	What Drives the Spatial Development of Urban Villages in China?. Urban Studies, 2013, 50, 3394-3411.	3.7	45
58	Transferability of Object-Oriented Image Analysis Methods for Slum Identification. Remote Sensing, 2013, 5, 4209-4228.	4.0	74
59	The Land-Use Diversity in Urban Villages in Shenzhen. Environment and Planning A, 2012, 44, 2742-2764.	3.6	53
60	Exploring spatial evolution of economic clusters: A case study of Beijing. International Journal of Applied Earth Observation and Geoinformation, 2012, 19, 252-265.	2.8	16
61	Simulating urban development scenarios for Wuhan. , 2012, , .		2
62	An ontology of slums for image-based classification. Computers, Environment and Urban Systems, 2012, 36, 154-163.	7.1	205
63	The development and redevelopment of urban villages in Shenzhen. Habitat International, 2011, 35, 214-224.	5.8	190
64	Spatio-temporal modelling of informal settlement development in Sancaktepe district, Istanbul, Turkey. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 235-246.	11.1	130
65	A GIS-based method to assess the shortage areas of community health service — Case study in Wuhan, China. , 2011, , .		4
66	Understanding heterogeneity in metropolitan India: The added value of remote sensing data for analyzing sub-standard residential areas. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, 359-374.	2.8	90
67	Spatial impact of urban expansion on surface water bodies—A case study of Wuhan, China. Landscape and Urban Planning, 2010, 94, 175-185.	7.5	145
68	Agro-tourism enterprises as a form of multi-functional urban agriculture for peri-urban development in China. Habitat International, 2010, 34, 374-385.	5.8	119
69	The Spatial and Temporal Nature of Urban Objects. Remote Sensing and Digital Image Processing, 2010, , 67-84.	0.7	15
70	Study on spatial structure of large scale retail stores based on space syntax: case study in Wuhan. Proceedings of SPIE, 2009, , .	0.8	1
71	Trends in urban and slum indicators across developing world cities, 1990—2003. Habitat International, 2008, 32, 86-108.	5.8	43
72	Quantifying changes in land use and surface water bodies in Wuhan, China. , 2008, , 83-89.		0

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73	Evaluating the compatibility of multi-functional and intensive urban land uses. International Journal of Applied Earth Observation and Geoinformation, 2007, 9, 375-391.	2.8	86
74	Opportunities for enhancing communication in settlement upgrading with geographic information technology-based support tools. Habitat International, 2003, 27, 613-628.	5.8	10
75	Balanced training for GIS users. Journal of the Indian Society of Remote Sensing, 1989, 17, 133-139.	2.4	0
76	CLASSIFICATION OF INFORMAL SETTLEMENTS THROUGH THE INTEGRATION OF 2D AND 3D FEATURES EXTRACTED FROM UAV DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 317-324.	0.0	8
77	CLASSIFICATION OF INFORMAL SETTLEMENTS THROUGH THE INTEGRATION OF 2D AND 3D FEATURES EXTRACTED FROM UAV DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 317-324.	0.0	6
78	Monitoring the land consumption rate of urban growth from the Urban Footprint of Mexico, an online national cartographic platform. Terra Digitalis, 0, , .	0.5	0