Walter Musakwa

List of Publications by Year
in descending order

42 papers	670 citations	687363 13 h-index	610901 24 g-index
44 all docs	44 docs citations	44 times ranked	784 citing authors

#	Article	IF	Citations
1	Urban sprawl and its impact on sustainable urban development: a combination of remote sensing and social media data. Geo-Spatial Information Science, 2021, 24, 241-255.	5.3	130
2	Past, current, and future perspectives on eco-tourism: a bibliometric review between 2001 and 2018. Environmental Science and Pollution Research, 2020, 27, 23514-23528.	5.3	62
3	Implications of land use change for the sustainability of urban areas: A case study of Stellenbosch, South Africa. Cities, 2013, 32, 143-156.	5.6	56
4	How to build science-action partnerships for local land-use planning and management: lessons from Durban, South Africa. Ecology and Society, 2016, 21, .	2.3	47
5	Mapping cycling patterns and trends using Strava Metro data in the city of Johannesburg, South Africa. Data in Brief, 2016, 9, 898-905.	1.0	42
6	Identifying land suitable for agricultural land reform using GIS-MCDA in South Africa. Environment, Development and Sustainability, 2018, 20, 2281-2299.	5.0	41
7	A Synthesizing Land-cover Classification Method Based on Google Earth Engine: A Case Study in Nzhelele and Levhuvu Catchments, South Africa. Chinese Geographical Science, 2020, 30, 397-409.	3.0	27
8	Monitoring sustainable urban development using built-up area indicators: a case study of Stellenbosch, South Africa. Environment, Development and Sustainability, 2015, 17, 547-566.	5.0	21
9	Monitoring Urban Sprawl and Sustainable Urban Development Using the Moran Index. International Journal of Applied Geospatial Research, 2014, 5, 1-20.	0.3	17
10	Earth Observation for Sustainable Urban Planning in Developing Countries. Journal of Planning Literature, 2015, 30, 149-160.	3.5	17
11	The strategically located land index support system for human settlements land reform in South Africa. Cities, 2017, 60, 91-101.	5.6	16
12	Perspectives on geospatial information science education: an example of urban planners in Southern Africa. Geo-Spatial Information Science, 2017, 20, 201-208.	5.3	15
13	Spatiotemporal Analysis of Precipitation in the Sparsely Gauged Zambezi River Basin Using Remote Sensing and Google Earth Engine. Remote Sensing, 2019, 11, 2977.	4.0	15
14	Landscape change and its drivers: a Southern African perspective. Current Opinion in Environmental Sustainability, 2018, 33, 80-86.	6.3	14
15	Detecting land degradation in Southern Africa using Time Series Segment and Residual Trend (TSS-RESTREND). Journal of Arid Environments, 2021, 184, 104314.	2.4	14
16	THE POTENTIAL OF STRAVA DATA TO CONTRIBUTE IN NON-MOTORISED TRANSPORT (NMT) PLANNING IN JOHANNESBURG. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 587-594.	0.2	12
17	Partnerships and Stakeholder Participation in the Management of National Parks: Experiences of the Gonarezhou National Park in Zimbabwe. Land, 2020, 9, 399.	2.9	11
18	Local Community Perceptions on Landscape Change, Ecosystem Services, Climate Change, and Livelihoods in Gonarezhou National Park, Zimbabwe. Sustainability, 2020, 12, 4610.	3.2	11

#	Article	IF	Citations
19	Survey of Community Livelihoods and Landscape Change along the Nzhelele and Levuvhu River Catchments in Limpopo Province, South Africa. Land, 2020, 9, 91.	2.9	11
20	Revitalizing indigenous ways of maintaining food security in a changing climate: review of the evidence base from Africa. International Journal of Climate Change Strategies and Management, 2022, 14, 252-271.	2.9	10
21	Could Mapping Initiatives Catalyze the Interpretation of Customary Land Rights in Ways that Secure Women's Land Rights?. Land, 2020, 9, 344.	2.9	9
22	Estimation of woody plant species diversity during a dry season in a savanna environment using the spectral and textural information derived from WorldView-2 imagery. PLoS ONE, 2020, 15, e0234158.	2.5	7
23	Perspectives of GIS Education in High Schools: An Evaluation of uMgungundlovu District, KwaZulu-Natal, South Africa. Education Sciences, 2020, 10, 131.	2.6	7
24	"Trees Are Our Relatives" Local Perceptions on Forestry Resources and Implications for Climate Change Mitigation. Sustainability, 2021, 13, 5885.	3.2	7
25	Indigenous practices of ecosystem management in a changing climate: Prospects for ecosystem-based adaptation. Environmental Science and Policy, 2021, 126, 142-151.	4.9	7
26	Societal context-dependent multi-modal transportation network augmentation in Johannesburg, South Africa. PLoS ONE, 2021, 16, e0249014.	2.5	6
27	Impact of Urban Policy on Public Transportation in Gauteng, South Africa: Smart or Dumb City Systems Is the Question. Green Energy and Technology, 2017, , 339-356.	0.6	6
28	Mobile GIS occupancy audit of Ulana informal settlement in Ekurhuleni municipality, South Africa. Geo-Spatial Information Science, 2018, 21, 322-330.	5.3	4
29	Developing the Well-Located Land Index to Establish Smart Human Settlements for the Ekurhuleni Municipality, South Africa. Lecture Notes in Geoinformation and Cartography, 2017, , 95-112.	1.0	4
30	Ecosystem Services in Southern Africa: Current and Emerging Trends—A Bibliometric Review. Diversity, 2022, 14, 359.	1.7	4
31	Ecological and Hydrological Indicators of Climate Change Observed by Dryland Communities of Malipati in Chiredzi, Zimbabwe. Diversity, 2022, 14, 541.	1.7	4
32	Status of geoinformatics education and training in Sub-Saharan Africa: initiatives taken and challenges. Journal of Geography in Higher Education, 2019, 43, 224-243.	2.6	3
33	Indigenous local observations and experiences can give useful indicators of climate change in data-deficient regions. Journal of Environmental Studies and Sciences, 2022, 12, 534-546.	2.0	3
34	Inclusivity insights: two urban development projects in Johannesburg. Journal of Housing and the Built Environment, 2022, 37, 1835-1858.	1.8	3
35	Applicability of R statistics in analyzing landslides spatial patterns in Northern Turkey. , 2017, , .		2
36	Developing a decision support system to identify strategically located land for land reform in South Africa. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-2, 197-203.	0.2	2

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37	Data on strategically located land and spatially integrated urban human settlements in South Africa. Data in Brief, 2017, 15, 805-808.	1.0	1
38	Landscape change in the Levuvhu and Nzhelele River catchments, Venda Limpopo Province South Africa. IOP Conference Series: Earth and Environmental Science, 2020, 467, 012211.	0.3	0
39	TWEETS AND FACEBOOK POSTS, THE NOVELTY TECHNIQUES IN THE CREATION OF ORIGIN-DESTINATION MODELS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 555-562.	0.2	0
40	Title is missing!. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-2, 143-150.	0.0	0
41	MOBILE GIS: A TOOL FOR INFORMAL SETTLEMENT OCCUPANCY AUDIT TO IMPROVE INTEGRATED HUMAN SETTLEMENT IMPLEMENTATION IN EKURHULENI, SOUTH AFRICA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 735-740.	0.2	0
42	Monitoring Urban Sprawl and Sustainable Urban Development Using the Moran Index. , 2018, , 561-581.		0