

Mahlatse Kganyago

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

397
citations

840776
11
h-index

794594
19
g-index

22
all docs

22
docs citations

22
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing capacity for impactful use of Earth Observation data: Lessons from the AfriCultuReS project. Environmental Development, 2022, 42, 100695.	4.1	2
2	Testing the utility of the resampled nSight-2 spectral configurations in discriminating wetland plant species using Random Forest classifier. Geocarto International, 2022, 37, 11830-11845.	3.5	1
3	Designing AfriCultuReS services to support food security in Africa. Transactions in GIS, 2021, 25, 692-720.	2.3	9
4	Temporal Analysis of Changes in Anthropogenic Emissions and Urban Heat Islands during COVID-19 Restrictions in Gauteng Province, South Africa. Aerosol and Air Quality Research, 2021, 21, 200437.	2.1	20
5	Study on blazing wildfires at the outeniqua pass in South Africa during the october/november 2018 period. Remote Sensing Applications: Society and Environment, 2021, 21, 100464.	1.5	3
6	Did COVID-19 Lockdown Restrictions have an Impact on Biomass Burning Emissions in Sub-Saharan Africa?. Aerosol and Air Quality Research, 2021, 21, 200470.	2.1	10
7	Assessing the Relationship between Economic Growth and Emissions Levels in South Africa between 1994 and 2019. Sustainability, 2021, 13, 2645.	3.2	28
8	Using sentinel-2 observations to assess the consequences of the COVID-19 lockdown on winter cropping in Bothaville and Harrismith, South Africa. Remote Sensing Letters, 2021, 12, 827-837.	1.4	6
9	UAV-Supported Forest Regeneration: Current Trends, Challenges and Implications. Remote Sensing, 2021, 13, 2596.	4.0	53
10	Observations of Emissions and the Influence of Meteorological Conditions during Wildfires: A Case Study in the USA, Brazil, and Australia during the 2018/19 Period. Atmosphere, 2021, 12, 11.	2.3	11
11	Assessing the Responses of Aviation-Related SO ₂ and NO ₂ Emissions to COVID-19 Lockdown Regulations in South Africa. Remote Sensing, 2021, 13, 4156.	4.0	8
12	Estimating Crop Biophysical Parameters Using Machine Learning Algorithms and Sentinel-2 Imagery. Remote Sensing, 2021, 13, 4314.	4.0	23
13	Assessment of the Characteristics of Recent Major Wildfires in the USA, Australia and Brazil in 2018–2019 Using Multi-Source Satellite Products. Remote Sensing, 2020, 12, 1803.	4.0	39
14	Validation of sentinel-2 leaf area index (LAI) product derived from SNAP toolbox and its comparison with global LAI products in an African semi-arid agricultural landscape. Remote Sensing Letters, 2020, 11, 883-892.	1.4	50
15	Trends in atmospheric pollutants from oil refinery processes: a case study over the United Arab Emirates. Remote Sensing Letters, 2020, 11, 590-597.	1.4	4
16	Validation of atmospheric correction approaches for Sentinel-2 under partly-cloudy conditions in an African agricultural landscape. , 2020, , .		2
17	The Role of African Emerging Space Agencies in Earth Observation Capacity Building for Facilitating the Implementation and Monitoring of the African Development Agenda: The Case of African Earth Observation Program. ISPRS International Journal of Geo-Information, 2019, 8, 292.	2.9	19
18	Integrating geostatistics and remote sensing for mapping the spatial distribution of cattle hoofprints in relation to malaria vector control. International Journal of Remote Sensing, 2019, 40, 5917-5937.	2.9	3

#	ARTICLE	IF	CITATIONS
19	Assessing Spatio-Temporal Variability of Wildfires and their Impact on Sub-Saharan Ecosystems and Air Quality Using Multisource Remotely Sensed Data and Trend Analysis. Sustainability, 2019, 11, 6811.	3.2	20
20	Evaluating the capability of Landsat 8 OLI and SPOT 6 for discriminating invasive alien species in the African Savanna landscape. International Journal of Applied Earth Observation and Geoinformation, 2018, 67, 10-19.	2.8	36
21	Selecting a subset of spectral bands for mapping invasive alien plants: a case of discriminating <i>Parthenium hysterophorus</i> using field spectroscopy data. International Journal of Remote Sensing, 2017, 38, 5608-5625.	2.9	19
22	A comparison of Normalised Difference Snow Index (NDSI) and Normalised Difference Principal Component Snow Index (NDPCSI) techniques in distinguishing snow from related land cover types. South African Journal of Geomatics, 2014, 3, 197.	0.4	31