

Mahlatse Kganyago

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

397
citations

840119

11
h-index

794141

19
g-index

22
all docs

22
docs citations

22
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	UAV-Supported Forest Regeneration: Current Trends, Challenges and Implications. <i>Remote Sensing</i> , 2021, 13, 2596.	1.8	53
2	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. <i>Remote Sensing Letters</i> , 2020, 11, 883-892.	0.6	50
3	Assessment of the Characteristics of Recent Major Wildfires in the USA, Australia and Brazil in 2018–2019 Using Multi-Source Satellite Products. <i>Remote Sensing</i> , 2020, 12, 1803.	1.8	39
4	Evaluating the capability of Landsat 8 OLI and SPOT 6 for discriminating invasive alien species in the African Savanna landscape. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 67, 10-19.	1.4	36
5	A comparison of Normalised Difference Snow Index (NDSI) and Normalised Difference Principal Component Snow Index (NDPCS) techniques in distinguishing snow from related land cover types. <i>South African Journal of Geomatics</i> , 2014, 3, 197.	0.1	31
6	Assessing the Relationship between Economic Growth and Emissions Levels in South Africa between 1994 and 2019. <i>Sustainability</i> , 2021, 13, 2645.	1.6	28
7	Estimating Crop Biophysical Parameters Using Machine Learning Algorithms and Sentinel-2 Imagery. <i>Remote Sensing</i> , 2021, 13, 4314.	1.8	23
8	Assessing Spatio-Temporal Variability of Wildfires and their Impact on Sub-Saharan Ecosystems and Air Quality Using Multisource Remotely Sensed Data and Trend Analysis. <i>Sustainability</i> , 2019, 11, 6811.	1.6	20
9	Temporal Analysis of Changes in Anthropogenic Emissions and Urban Heat Islands during COVID-19 Restrictions in Gauteng Province, South Africa. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200437.	0.9	20
10	Selecting a subset of spectral bands for mapping invasive alien plants: a case of discriminating <i>Parthenium hysterophorus</i> using field spectroscopy data. <i>International Journal of Remote Sensing</i> , 2017, 38, 5608-5625.	1.3	19
11	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. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 292.	1.4	19
12	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. <i>Atmosphere</i> , 2021, 12, 11.	1.0	11
13	Did COVID-19 Lockdown Restrictions have an Impact on Biomass Burning Emissions in Sub-Saharan Africa?. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200470.	0.9	10
14	Designing AfriCultuReS services to support food security in Africa. <i>Transactions in GIS</i> , 2021, 25, 692-720.	1.0	9
15	Assessing the Responses of Aviation-Related SO ₂ and NO ₂ Emissions to COVID-19 Lockdown Regulations in South Africa. <i>Remote Sensing</i> , 2021, 13, 4156.	1.8	8
16	Using sentinel-2 observations to assess the consequences of the COVID-19 lockdown on winter cropping in Bothaville and Harrismith, South Africa. <i>Remote Sensing Letters</i> , 2021, 12, 827-837.	0.6	6
17	Trends in atmospheric pollutants from oil refinery processes: a case study over the United Arab Emirates. <i>Remote Sensing Letters</i> , 2020, 11, 590-597.	0.6	4
18	Integrating geostatistics and remote sensing for mapping the spatial distribution of cattle hoofprints in relation to malaria vector control. <i>International Journal of Remote Sensing</i> , 2019, 40, 5917-5937.	1.3	3

#	ARTICLE	IF	CITATIONS
19	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.	0.8	3
20	Validation of atmospheric correction approaches for Sentinel-2 under partly-cloudy conditions in an African agricultural landscape. , 2020, , .		2
21	Developing capacity for impactful use of Earth Observation data: Lessons from the AfriCultuReS project. Environmental Development, 2022, 42, 100695.	1.8	2
22	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.	1.7	1