Mathew Blackett

List of Publications by Year
in descending order

26	1,103	759233	580821
papers	citations	12 h-index	25 g-index

28	28	28	1380
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The International Urban Energy Balance Models Comparison Project: First Results from Phase 1. Journal of Applied Meteorology and Climatology, 2010, 49, 1268-1292.	1.5	397
2	Initial results from Phase 2 of the international urban energy balance model comparison. International Journal of Climatology, 2011, 31, 244-272.	3.5	284
3	Exploring land surface temperature earthquake precursors: A focus on the Gujarat (India) earthquake of 2001. Geophysical Research Letters, 2011, 38, .	4.0	71
4	Early Analysis of Landsat-8 Thermal Infrared Sensor Imagery of Volcanic Activity. Remote Sensing, 2014, 6, 2282-2295.	4.0	56
5	An Overview of Infrared Remote Sensing of Volcanic Activity. Journal of Imaging, 2017, 3, 13.	3.0	56
6	Some observations regarding the thermal flux from Earth's erupting volcanoes for the period of 2000 to 2014. Geophysical Research Letters, 2015, 42, 282-289.	4.0	48
7	An initial comparison of the thermal anomaly detection products of MODIS and VIIRS in their observation of Indonesian volcanic activity. Remote Sensing of Environment, 2015, 171, 75-82.	11.0	30
8	RANGE DEGRADATION AND LAND TENURE CHANGE: INSIGHTS FROM A â€˜RELEASEDâ€™ COMMUNAL AREA OF EASTERN CAPE PROVINCE, SOUTH AFRICA. Land Degradation and Development, 2012, 23, 557-568.	3.9	23
9	Physical activity patterns of ethnic children from low socio-economic environments within the UK. Journal of Sports Sciences, 2015, 33, 232-242.	2.0	19
10	Review of the utility of infrared remote sensing for detecting and monitoring volcanic activity with the case study of shortwave infrared data for Lascar Volcano from 2001â€“2005. Geological Society Special Publication, 2013, 380, 107-135.	1.3	18
11	Balancing water, religion and tourism on Redang Island, Malaysia. Environmental Research Letters, 2008, 3, 024005.	5.2	16
12	Evaluation of SWIR-based methods for quantifying active volcano radiant emissions using NASA EOS-ASTER data. Geomatics, Natural Hazards and Risk, 2011, 2, 51-78.	4.3	13
13	Deconstructing the Sustainable Drainage Management Train in Terms of Water Quantity â€“ Preliminary Results for Coventry, UK. Clean - Soil, Air, Water, 2014, 42, 187-192.	1.1	10
14	Correction to â€œExploring land surface temperature earthquake precursors: A focus on the Gujarat (India) earthquake of 2001â€• Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	9
15	Modelling the Role of SuDS Management Trains in Minimising Flood Risk, Using MicroDrainage. Water (Switzerland), 2020, 12, 2559.	2.7	8
16	Spatio-temporal surface temperature variations detected by satellite thermal infrared images at Merapi volcano, Indonesia. Journal of Volcanology and Geothermal Research, 2021, 420, 107405.	2.1	7
17	Modelling the Hydrological Effects of Woodland Planting on Infiltration and Peak Discharge Using HEC-HMS. Water (Switzerland), 2021, 13, 3039.	2.7	7
18	The potential of satellite remote sensing for monitoring the onset of volcanic activity on Taipeiâ€™s doorstep. International Journal of Remote Sensing, 2020, 41, 1372-1388.	2.9	6

#	Article	IF	Citations
19	The first evaluation of the FY-3D/MERSI-2 sensorâ€™s thermal infrared capabilities for deriving land surface temperature in volcanic regions: a case study of Mount Etna. International Journal of Remote Sensing, 2022, 43, 2777-2792.	2.9	6
20	The Potential to Address Disease Vectors in Favelas in Brazil Using Sustainable Drainage Systems: Zika, Drainage and Greywater Management. International Journal of Environmental Research and Public Health, 2022, 19, 2860.	2.6	5
21	Assessment of Nigeriasat-1 satellite data for urban land use/land cover analysis using object-based image analysis in Abuja, Nigeria. Geocarto International, 2018, 33, 893-911.	3.5	4
22	The co-incidence of earthquakes and volcanoes: assessing global volcanic radiant flux responses to earthquakes in the 21st century. Journal of Volcanology and Geothermal Research, 2020, 393, 106770.	2.1	3
23	Holocene coastal change at Luce Bay, South West Scotland. Journal of Quaternary Science, 2020, 35, 743-759.	2.1	2
24	Were Meteorological Conditions Related to the 2020 Siberia Wildfires Made More Likely by Anthropogenic Climate Change?. Bulletin of the American Meteorological Society, 2022, 103, S44-S49.	3.3	2
25	The Impact of Tree Planting on Infiltration Dependent on Tree Proximity and Maturity at a Clay Site in Warwickshire, England. Water (Switzerland), 2022, 14, 892.	2.7	2
26	Infrared Radiance of Mount Etna, Sicily. Journal of Maps, 2007, 3, 23-31.	2.0	0