Darren J Turner

List of Publications by Year
in descending order

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Version: 2024-02-01

		567281	642732
26	4,041	15	23
papers	citations	h-index	g-index

26	26	26	5005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Automated Technique for Generating Georectified Mosaics from Ultra-High Resolution Unmanned Aerial Vehicle (UAV) Imagery, Based on Structure from Motion (SfM) Point Clouds. Remote Sensing, 2012, 4, 1392-1410.	4.0	563
2	Mapping landslide displacements using Structure from Motion (SfM) and image correlation of multi-temporal UAV photography. Progress in Physical Geography, 2014, 38, 97-116.	3.2	562
3	Ground-based and UAV-Based photogrammetry: A multi-scale, high-resolution mapping tool for structural geology and paleoseismology. Journal of Structural Geology, 2014, 69, 163-178.	2.3	529
4	Development of a UAV-LiDAR System with Application to Forest Inventory. Remote Sensing, 2012, 4, 1519-1543.	4.0	511
5	Assessment of Forest Structure Using Two UAV Techniques: A Comparison of Airborne Laser Scanning and Structure from Motion (SfM) Point Clouds. Forests, 2016, 7, 62.	2.1	448
6	Time Series Analysis of Landslide Dynamics Using an Unmanned Aerial Vehicle (UAV). Remote Sensing, 2015, 7, 1736-1757.	4.0	309
7	Direct Georeferencing of Ultrahigh-Resolution UAV Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2738-2745.	6.3	299
8	Using an Unmanned Aerial Vehicle (UAV) to capture micro-topography of Antarctic moss beds. International Journal of Applied Earth Observation and Geoinformation, 2014, 27, 53-62.	2.8	197
9	Spatial Co-Registration of Ultra-High Resolution Visible, Multispectral and Thermal Images Acquired with a Micro-UAV over Antarctic Moss Beds. Remote Sensing, 2014, 6, 4003-4024.	4.0	168
10	Snow Depth Retrieval with UAS Using Photogrammetric Techniques. Geosciences (Switzerland), 2015, 5, 264-285.	2.2	139
11	A Calibration Procedure for Field and UAV-Based Uncooled Thermal Infrared Instruments. Sensors, 2020, 20, 3316.	3.8	47
12	Individual tree detection and crown delineation from Unmanned Aircraft System (UAS) LiDAR in structurally complex mixed species eucalypt forests. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 171-187.	11.1	40
13	Assessment of Antarctic moss health from multi-sensor UAS imagery with Random Forest Modelling. International Journal of Applied Earth Observation and Geoinformation, 2018, 68, 168-179.	2.8	37
14	USING A MICRO-UAV FOR ULTRA-HIGH RESOLUTION MULTI-SENSOR OBSERVATIONS OF ANTARCTIC MOSS BEDS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B1, 429-433.	0.2	31
15	Automated Georectification and Mosaicking of UAV-Based Hyperspectral Imagery from Push-Broom Sensors. Remote Sensing, 2020, 12, 34.	4.0	29
16	PUSHBROOM HYPERSPECTRAL IMAGING FROM AN UNMANNED AIRCRAFT SYSTEM (UAS) â€“ GEOMETRIC PROCESSINGWORKFLOW AND ACCURACY ASSESSMENT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W6, 379-384.	0.2	20
17	Optimizing Spectral and Spatial Resolutions of Unmanned Aerial System Imaging Sensors for Monitoring Antarctic Vegetation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3813-3825.	4.9	17
18	High-Resolution Estimates of Fire Severityâ€”An Evaluation of UAS Image and LiDAR Mapping Approaches on a Sedgeland Forest Boundary in Tasmania, Australia. Fire, 2021, 4, 14.	2.8	17

#	Article	IF	Citations
19	A satellite-based climatology of UV-B irradiance for Antarctic coastal regions. International Journal of Climatology, 1997, 17, 1029-1054.	3.5	15
20	Characterizing variations in growth characteristics between Douglas-fir with different genetic gain levels using airborne laser scanning. Trees - Structure and Function, 2020, 34, 649-664.	1.9	15
21	Modeling realized gains in Douglas-fir (Pseudotsuga menziesii) using laser scanning data from unmanned aircraft systems (UAS). Forest Ecology and Management, 2020, 473, 118284.	3.2	12
22	Using Digital Surface Models from UAS Imagery of Fire Damaged Sphagnum Peatlands for Monitoring and Hydrological Restoration. Drones, 2018, 2, 45.	4.9	11
23	Thermal Sensor Calibration for Unmanned Aerial Systems Using an External Heated Shutter. Drones, 2021, 5, 119.	4.9	11
24	A comparison of terrestrial and UAS sensors for measuring fuel hazard in a dry sclerophyll forest. International Journal of Applied Earth Observation and Geoinformation, 2021, 95, 102261.	2.8	10
25	From communities to individuals: Using remote sensing to inform and monitor woodland restoration. Ecological Management and Restoration, 2021, 22, 127-139.	1.5	4
26	Near-coincident mapping of sea ice from above and below with UAS and AUV. , 2018, , .		0