

Darren J Turner

List of Publications by Year in descending order

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26
papers

4,041
citations

567281

15
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

5005
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of terrestrial and UAS sensors for measuring fuel hazard in a dry sclerophyll forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 95, 102261.	2.8	10
2	Individual tree detection and crown delineation from Unmanned Aircraft System (UAS) LiDAR in structurally complex mixed species eucalypt forests. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 171, 171-187.	11.1	40
3	High-Resolution Estimates of Fire Severity—An Evaluation of UAS Image and LiDAR Mapping Approaches on a Sedgeland Forest Boundary in Tasmania, Australia. <i>Fire</i> , 2021, 4, 14.	2.8	17
4	Thermal Sensor Calibration for Unmanned Aerial Systems Using an External Heated Shutter. <i>Drones</i> , 2021, 5, 119.	4.9	11
5	From communities to individuals: Using remote sensing to inform and monitor woodland restoration. <i>Ecological Management and Restoration</i> , 2021, 22, 127-139.	1.5	4
6	A Calibration Procedure for Field and UAV-Based Uncooled Thermal Infrared Instruments. <i>Sensors</i> , 2020, 20, 3316.	3.8	47
7	Modeling realized gains in Douglas-fir (<i>Pseudotsuga menziesii</i>) using laser scanning data from unmanned aircraft systems (UAS). <i>Forest Ecology and Management</i> , 2020, 473, 118284.	3.2	12
8	Characterizing variations in growth characteristics between Douglas-fir with different genetic gain levels using airborne laser scanning. <i>Trees - Structure and Function</i> , 2020, 34, 649-664.	1.9	15
9	Automated Georectification and Mosaicking of UAV-Based Hyperspectral Imagery from Push-Broom Sensors. <i>Remote Sensing</i> , 2020, 12, 34.	4.0	29
10	Optimizing Spectral and Spatial Resolutions of Unmanned Aerial System Imaging Sensors for Monitoring Antarctic Vegetation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 3813-3825.	4.9	17
11	Assessment of Antarctic moss health from multi-sensor UAS imagery with Random Forest Modelling. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 68, 168-179.	2.8	37
12	Using Digital Surface Models from UAS Imagery of Fire Damaged Sphagnum Peatlands for Monitoring and Hydrological Restoration. <i>Drones</i> , 2018, 2, 45.	4.9	11
13	Near-coincident mapping of sea ice from above and below with UAS and AUV. , 2018, , .		0
14	Assessment of Forest Structure Using Two UAV Techniques: A Comparison of Airborne Laser Scanning and Structure from Motion (SfM) Point Clouds. <i>Forests</i> , 2016, 7, 62.	2.1	448
15	Snow Depth Retrieval with UAS Using Photogrammetric Techniques. <i>Geosciences (Switzerland)</i> , 2015, 5, 264-285.	2.2	139
16	Time Series Analysis of Landslide Dynamics Using an Unmanned Aerial Vehicle (UAV). <i>Remote Sensing</i> , 2015, 7, 1736-1757.	4.0	309
17	Spatial Co-Registration of Ultra-High Resolution Visible, Multispectral and Thermal Images Acquired with a Micro-UAV over Antarctic Moss Beds. <i>Remote Sensing</i> , 2014, 6, 4003-4024.	4.0	168
18	Mapping landslide displacements using Structure from Motion (SfM) and image correlation of multi-temporal UAV photography. <i>Progress in Physical Geography</i> , 2014, 38, 97-116.	3.2	562

#	ARTICLE	IF	CITATIONS
19	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
20	Direct Georeferencing of Ultrahigh-Resolution UAV Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2738-2745.	6.3	299
21	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
22	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
23	Development of a UAV-LiDAR System with Application to Forest Inventory. Remote Sensing, 2012, 4, 1519-1543.	4.0	511
24	A satellite-based climatology of UV-B irradiance for Antarctic coastal regions. International Journal of Climatology, 1997, 17, 1029-1054.	3.5	15
25	PUSHBROOM HYPERSPECTRAL IMAGING FROM AN UNMANNED AIRCRAFT SYSTEM (UAS) – GEOMETRIC PROCESSING WORKFLOW 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
26	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