

Mark E J Cutler

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,641
citations

361413
20
h-index

330143
37
g-index

41
all docs

41
docs citations

41
times ranked

3400
citing authors

#	ARTICLE	IF	CITATIONS
1	Aboveground biomass density models for NASA's Global Ecosystem Dynamics Investigation (GEDI) lidar mission. <i>Remote Sensing of Environment</i> , 2022, 270, 112845.	11.0	108
2	An Evaluation of Wind Turbine-Induced Topographic Change in the Offshore Intertidal Sandbank Using Remote Sensing-Constructed Digital Elevation Model Data. <i>Remote Sensing</i> , 2022, 14, 2255.	4.0	1
3	Retrieval of Tidal Flat Elevation Based on Remotely Sensed Moisture Approach. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 5357-5370.	4.9	2
4	Remote sensing liana infestation in an aseasonal tropical forest: addressing mismatch in spatial units of analyses. <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 397-410.	4.3	8
5	Estimating muddy intertidal flat slopes under varied coastal morphology using sequential satellite data and spatial analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 251, 107183.	2.1	2
6	Three decades of post-logging tree community recovery in naturally regenerating and actively restored dipterocarp forest in Borneo. <i>Forest Ecology and Management</i> , 2021, 488, 119036.	3.2	24
7	Spectral and Growth Characteristics of Willows and Maize in Soil Contaminated with a Layer of Crude or Refined Oil. <i>Remote Sensing</i> , 2021, 13, 3376.	4.0	5
8	Active restoration accelerates the carbon recovery of human-modified tropical forests. <i>Science</i> , 2020, 369, 838-841.	12.6	68
9	Global lake thermal regions shift under climate change. <i>Nature Communications</i> , 2020, 11, 1232.	12.8	96
10	Changes in leaf functional traits of rainforest canopy trees associated with an El Niño event in Borneo. <i>Environmental Research Letters</i> , 2019, 14, 085005.	5.2	18
11	The World's Tallest Tropical Tree in Three Dimensions. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	38
12	Exploring temporality in socio-ecological resilience through experiences of the 2015-16 El Niño across the Tropics. <i>Global Environmental Change</i> , 2019, 55, 1-14.	7.8	30
13	The role of remote sensing in the development of SMART indicators for ecosystem services assessment. <i>Biodiversity</i> , 2016, 17, 136-148.	1.1	5
14	Selection of a network of large lakes and reservoirs suitable for global environmental change analysis using Earth Observation. <i>International Journal of Remote Sensing</i> , 2016, 37, 3042-3060.	2.9	18
15	Assessing the utility of geospatial technologies to investigate environmental change within lake systems. <i>Science of the Total Environment</i> , 2016, 543, 791-806.	8.0	15
16	Evaluating the spatial transferability and temporal repeatability of remote-sensing-based lake water quality retrieval algorithms at the European scale: a meta-analysis approach. <i>International Journal of Remote Sensing</i> , 2015, 36, 2995-3023.	2.9	19
17	Ann Based Robust LULC Classification Technique Using Spectral, Texture and Elevation Data. <i>Journal of the Indian Society of Remote Sensing</i> , 2013, 41, 477-486.	2.4	7
18	A physically based method for estimating supraglacial debris thickness from thermal band remote-sensing data. <i>Journal of Glaciology</i> , 2012, 58, 677-691.	2.2	85

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19	Estimating tropical forest biomass with a combination of SAR image texture and Landsat TM data: An assessment of predictions between regions. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012, 70, 66-77.	11.1	167
20	Using the NOAA Advanced Very High Resolution Radiometer to characterise temporal and spatial trends in water temperature of large European lakes. <i>Remote Sensing of Environment</i> , 2012, 126, 1-11.	11.0	33
21	Meteorology and surface energy fluxes in the 2005â€“2007 ablation seasons at the Miage debrisâ€“covered glacier, Mont Blanc Massif, Italian Alps. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	134
22	Comparison of remotely sensed water stages from LiDAR, topographic contours and SRTM. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2008, 63, 283-296.	11.1	176
23	Estimating Foliar Nitrogen Concentration of Heather (<i>Calluna vulgaris</i>) from Field and Laboratory Spectra. <i>Water, Air, and Soil Pollution</i> , 2008, 194, 57-66.	2.4	10
24	Using ASTER satellite and ground-based surface temperature measurements to derive supraglacial debris cover and thickness patterns on Miage Glacier (Mont Blanc Massif, Italy). <i>Cold Regions Science and Technology</i> , 2008, 52, 341-354.	3.5	103
25	Evaluating Neural Networks and Evidence Pooling for Land Cover Mapping. <i>Photogrammetric Engineering and Remote Sensing</i> , 2008, 74, 1019-1032.	0.6	11
26	Evaluating uncertain flood inundation predictions with uncertain remotely sensed water stages. <i>International Journal of River Basin Management</i> , 2008, 6, 187-199.	2.7	17
27	Artificial neural networks for mapping regionalâ€“scale upland vegetation from high spatial resolution imagery. <i>International Journal of Remote Sensing</i> , 2006, 27, 2177-2195.	2.9	21
28	Mapping the species richness and composition of tropical forests from remotely sensed data with neural networks. <i>Ecological Modelling</i> , 2006, 195, 37-42.	2.5	96
29	Development of a technique for Lake Habitat Survey (LHS) with applications for the European Union Water Framework Directive. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2006, 16, 637-657.	2.0	58
30	Hyperspectral indices for characterizing upland peat composition. <i>International Journal of Remote Sensing</i> , 2004, 25, 313-325.	2.9	27
31	Remote sensing of upland vegetation: the potential of high spatial resolution satellite sensors. <i>Global Ecology and Biogeography</i> , 2004, 13, 359-369.	5.8	77
32	Predictive relations of tropical forest biomass from Landsat TM data and their transferability between regions. <i>Remote Sensing of Environment</i> , 2003, 85, 463-474.	11.0	442
33	Tree biodiversity in protected and logged Bornean tropical rain forests and its measurement by satellite remote sensing. <i>Journal of Biogeography</i> , 2003, 30, 1053-1066.	3.0	116
34	Mapping the biomass of Bornean tropical rain forest from remotely sensed data. <i>Global Ecology and Biogeography</i> , 2001, 10, 379-387.	5.8	223
35	Estimating Canopy Chlorophyll Concentration from Field and Airborne Spectra. <i>Remote Sensing of Environment</i> , 1999, 68, 217-224.	11.0	133
36	Mapping sub-pixel proportional land cover with AVHRR imagery. <i>International Journal of Remote Sensing</i> , 1997, 18, 917-935.	2.9	238

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37	Determining the extent and spectral separability of industrially despoiled land in South Wales from satellite sensor data. <i>Land Degradation and Development</i> , 1993, 4, 167-178.	3.9	4
38	Remote sensing of biodiversity: using neural networks to estimate the diversity and composition of a Bornean tropical rainforest from Landsat TM data. , 0, , .		2