Chandana Gangodagamage

List of Publications by Year
in descending order

16 papers	1,975 citations	1039406 9 h-index	1058022 14 g-index
16 all docs	16 docs citations	16 times ranked	3636 citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature as a potent driver of regional forest drought stress and tree mortality. Nature Climate Change, 2013, 3, 292-297.	8.1	1,487
2	Global satellite monitoring of climate-induced vegetation disturbances. Trends in Plant Science, 2015, 20, 114-123.	4.3	183
3	A morphology independent methodology for quantifying planview river change and characteristics from remotely sensed imagery. Remote Sensing of Environment, 2016, 184, 212-228.	4.6	68
4	Quantifying tree mortality in a mixed species woodland using multitemporal high spatial resolution satellite imagery. Remote Sensing of Environment, 2013, 129, 54-65.	4.6	56
5	Extrapolating active layer thickness measurements across Arctic polygonal terrain using LiDAR and *NDVI* data sets. Water Resources Research, 2014, 50, 6339-6357.	1.7	51
6	Revisiting scaling laws in river basins: New considerations across hillslope and fluvial regimes. Water Resources Research, 2011, 47, .	1.7	29
7	Scaling in river corridor widths depicts organization in valley morphology. Geomorphology, 2007, 91, 198-215.	1.1	28
8	Arctic tundra ice-wedge landscape characterization by active contours without edges and structural analysis using high-resolution satellite imagery. Remote Sensing Letters, 2013, 4, 1077-1086.	0.6	15
9	Assimilation of NASA's Airborne Snow Observatory Snow Measurements for Improved Hydrological Modeling: A Case Study Enabled by the Coupled LIS/WRFâ€Hydro System. Water Resources Research, 2022, 58, .	1.7	12
10	Autocorrelation, Spatial. , 2008, , 32-37.		9
11	Wavelet-Compressed Representation of Landscapes for Hydrologic and Geomorphologic Applications. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 480-484.	1.4	8
12	Unsupervised land cover classification in multispectral imagery with sparse representations on learned dictionaries. , 2012, , .		7
13	Undercomplete learned dictionaries for land cover classification in multispectral imagery of Arctic landscapes using CoSA: clustering of sparse approximations. Proceedings of SPIE, 2013, , .	0.8	6
14	The analysis of using satellite soil moisture observations for flood detection, evaluating over the Thailandâ€™s Great Flood of 2011. Natural Hazards, 2021, 108, 2879-2904.	1.6	6
15	Learning sparse discriminative representations for land cover classification in the Arctic. Proceedings of SPIE, 2012, , .	0.8	5
16	River basin organization around the main stem: Scale invariance in tributary branching and the incremental area function. Journal of Geophysical Research F: Earth Surface, 2014, 119, 2174-2193.	1.0	5