

# Chandana Gangodagamage

## List of Publications by Year in descending order

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Version: 2024-02-01

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