Feng R Zhao

List of Publications by Year
in descending order

23 papers	856 citations	623734 14 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	987 citing authors

#	Article	IF	Citations
1	Monthly mapping of forest harvesting using dense time series Sentinel-1 SAR imagery and deep learning. Remote Sensing of Environment, 2022, 269, 112822.	11.0	49
2	Landsat-based monitoring of southern pine beetle infestation severity and severity change in a temperate mixed forest. Remote Sensing of Environment, 2022, 269, 112847.	11.0	19
3	Comparison of UAV-based LiDAR and digital aerial photogrammetry for measuring crown-level canopy height in the urban environment. Urban Forestry and Urban Greening, 2022, 69, 127489.	5.3	12
4	An improved approach to estimate ratoon rice aboveground biomass by integrating UAV-based spectral, textural and structural features. Precision Agriculture, 2022, 23, 1276-1301.	6.0	27
5	Assessing Landsat-8 and Sentinel-2 spectral-temporal features for mapping tree species of northern plantation forests in Heilongjiang Province, China. Forest Ecosystems, 2022, 9, 100032.	3.1	10
6	Characterizing the provision and inequality of primary school greenspaces in Chinaâ€™s major cities based on multi-sensor remote sensing. Urban Forestry and Urban Greening, 2022, , 127670.	5.3	3
7	Increased burning in a warming climate reduces carbon uptake in the Greater Yellowstone Ecosystem despite productivity gains. Journal of Ecology, 2021, 109, 1148-1169.	4.0	7
8	Modeling of winter wheat fAPAR by integrating Unmanned Aircraft Vehicle-based optical, structural and thermal measurement. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102407.	2.8	11
9	Mapping essential urban land use categories in China (EULUC-China): preliminary results for 2018. Science Bulletin, 2020, 65, 182-187.	9.0	247
10	Development of Spectral Disease Indices for Southern Corn Rust Detection and Severity Classification. Remote Sensing, 2020, 12, 3233.	4.0	28
11	Assessing Post-Fire Tree Mortality and Biomass Change by Integrating Lidar and Hyperspectral data. , 2019, , .		0
12	Mapping forest disturbance intensity in North and South Carolina using annual Landsat observations and field inventory data. Remote Sensing of Environment, 2019, 221, 351-362.	11.0	17
13	Measuring short-term post-fire forest recovery across a burn severity gradient in a mixed pine-oak forest using multi-sensor remote sensing techniques. Remote Sensing of Environment, 2018, 210, 282-296.	11.0	76
14	Tracking annual cropland changes from 1984 to 2016 using time-series Landsat images with a change-detection and post-classification approach: Experiments from three sites in Africa. Remote Sensing of Environment, 2018, 218, 13-31.	11.0	71
15	Mapping canopy defoliation by herbivorous insects at the individual tree level using bi-temporal airborne imaging spectroscopy and LiDAR measurements. Remote Sensing of Environment, 2018, 215, 170-183.	11.0	58
16	Assessing the Effects of Fire Disturbances and Timber Management on Carbon Storage in the Greater Yellowstone Ecosystem. Environmental Management, 2018, 62, 766-776.	2.7	3
17	Using high spatial resolution satellite imagery to map forest burn severity across spatial scales in a Pine Barrens ecosystem. Remote Sensing of Environment, 2017, 191, 95-109.	11.0	92
18	Remote Sensing of Fire Effects. , 2017, , 261-283.		8

#	Article	IF	Citations
19	High-resolution mapping of time since disturbance and forest carbon flux from remote sensing and inventory data to assess harvest, fire, and beetle disturbance legacies in the Pacific Northwest. Biogeosciences, 2016, 13, 6321-6337.	3.3	14
20	Long-Term Post-Disturbance Forest Recovery in the Greater Yellowstone Ecosystem Analyzed Using Landsat Time Series Stack. Remote Sensing, 2016, 8, 898.	4.0	37
21	Analysis of the 2014 â€œAPEC Blueâ€•in Beijing Using More than One Decade of Satellite Observations: Lessons Learned from Radical Emission Control Measures. Remote Sensing, 2015, 7, 15224-15243.	4.0	26
22	Use of Vegetation Change Tracker and Support Vector Machine to Map Disturbance Types in Greater Yellowstone Ecosystems in a 1984â€“2010 Landsat Time Series. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1650-1654.	3.1	35
23	Comparing historical and current wildfire regimes in the Northern Rocky Mountains using a landscape succession model. Forest Ecology and Management, 2015, 343, 9-21.	3.2	6