

Feng R Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

856
citations

623734

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713466

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all docs

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docs citations

23
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping essential urban land use categories in China (EULUC-China): preliminary results for 2018. <i>Science Bulletin</i> , 2020, 65, 182-187.	9.0	247
2	Using high spatial resolution satellite imagery to map forest burn severity across spatial scales in a Pine Barrens ecosystem. <i>Remote Sensing of Environment</i> , 2017, 191, 95-109.	11.0	92
3	Measuring short-term post-fire forest recovery across a burn severity gradient in a mixed pine-oak forest using multi-sensor remote sensing techniques. <i>Remote Sensing of Environment</i> , 2018, 210, 282-296.	11.0	76
4	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. <i>Remote Sensing of Environment</i> , 2018, 218, 13-31.	11.0	71
5	Mapping canopy defoliation by herbivorous insects at the individual tree level using bi-temporal airborne imaging spectroscopy and LiDAR measurements. <i>Remote Sensing of Environment</i> , 2018, 215, 170-183.	11.0	58
6	Monthly mapping of forest harvesting using dense time series Sentinel-1 SAR imagery and deep learning. <i>Remote Sensing of Environment</i> , 2022, 269, 112822.	11.0	49
7	Long-Term Post-Disturbance Forest Recovery in the Greater Yellowstone Ecosystem Analyzed Using Landsat Time Series Stack. <i>Remote Sensing</i> , 2016, 8, 898.	4.0	37
8	Use of Vegetation Change Tracker and Support Vector Machine to Map Disturbance Types in Greater Yellowstone Ecosystems in a 1984–2010 Landsat Time Series. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1650-1654.	3.1	35
9	Development of Spectral Disease Indices for Southern Corn Rust Detection and Severity Classification. <i>Remote Sensing</i> , 2020, 12, 3233.	4.0	28
10	An improved approach to estimate ratoon rice aboveground biomass by integrating UAV-based spectral, textural and structural features. <i>Precision Agriculture</i> , 2022, 23, 1276-1301.	6.0	27
11	Analysis of the 2014 “APEC Blue” in Beijing Using More than One Decade of Satellite Observations: Lessons Learned from Radical Emission Control Measures. <i>Remote Sensing</i> , 2015, 7, 15224-15243.	4.0	26
12	Landsat-based monitoring of southern pine beetle infestation severity and severity change in a temperate mixed forest. <i>Remote Sensing of Environment</i> , 2022, 269, 112847.	11.0	19
13	Mapping forest disturbance intensity in North and South Carolina using annual Landsat observations and field inventory data. <i>Remote Sensing of Environment</i> , 2019, 221, 351-362.	11.0	17
14	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. <i>Biogeosciences</i> , 2016, 13, 6321-6337.	3.3	14
15	Comparison of UAV-based LiDAR and digital aerial photogrammetry for measuring crown-level canopy height in the urban environment. <i>Urban Forestry and Urban Greening</i> , 2022, 69, 127489.	5.3	12
16	Modeling of winter wheat fAPAR by integrating Unmanned Aircraft Vehicle-based optical, structural and thermal measurement. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102407.	2.8	11
17	Assessing Landsat-8 and Sentinel-2 spectral-temporal features for mapping tree species of northern plantation forests in Heilongjiang Province, China. <i>Forest Ecosystems</i> , 2022, 9, 100032.	3.1	10
18	<i>Remote Sensing of Fire Effects</i> . , 2017, , 261-283.		8

#	ARTICLE	IF	CITATIONS
19	Increased burning in a warming climate reduces carbon uptake in the Greater Yellowstone Ecosystem despite productivity gains. <i>Journal of Ecology</i> , 2021, 109, 1148-1169.	4.0	7
20	Comparing historical and current wildfire regimes in the Northern Rocky Mountains using a landscape succession model. <i>Forest Ecology and Management</i> , 2015, 343, 9-21.	3.2	6
21	Assessing the Effects of Fire Disturbances and Timber Management on Carbon Storage in the Greater Yellowstone Ecosystem. <i>Environmental Management</i> , 2018, 62, 766-776.	2.7	3
22	Characterizing the provision and inequality of primary school greenspaces in China's major cities based on multi-sensor remote sensing. <i>Urban Forestry and Urban Greening</i> , 2022, , 127670.	5.3	3
23	Assessing Post-Fire Tree Mortality and Biomass Change by Integrating Lidar and Hyperspectral data. , 2019, , .		0