

Temuulen Ts Sankey

List of Publications by Year
in descending order

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Version: 2024-02-01

36
papers

1,248
citations

471509

17
h-index

361022

35
g-index

39
all docs

39
docs citations

39
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	UAV lidar and hyperspectral fusion for forest monitoring in the southwestern USA. Remote Sensing of Environment, 2017, 195, 30-43.	11.0	321
2	<scp>UAV</scp> hyperspectral and lidar data and their fusion for arid and semi-arid land vegetation monitoring. Remote Sensing in Ecology and Conservation, 2018, 4, 20-33.	4.3	118
3	Climate, wildfire, and erosion ensemble foretells more sediment in western USA watersheds. Geophysical Research Letters, 2017, 44, 8884-8892.	4.0	95
4	Evaluating Unmanned Aerial Vehicle Images for Estimating Forest Canopy Fuels in a Ponderosa Pine Stand. Remote Sensing, 2018, 10, 1266.	4.0	67
5	Quantifying plant-soil-nutrient dynamics in rangelands: Fusion of UAV hyperspectral-LiDAR, UAV multispectral-photogrammetry, and ground-based LiDAR-digital photography in a shrub-encroached desert grassland. Remote Sensing of Environment, 2021, 253, 112223.	11.0	62
6	Mapping and measuring aeolian sand dunes with photogrammetry and LiDAR from unmanned aerial vehicles (UAV) and multispectral satellite imagery on the Paria Plateau, AZ, USA. Geomorphology, 2018, 319, 174-185.	2.6	50
7	Assessment of Juniper Encroachment With The Use of Satellite Imagery and Geospatial Data. Rangeland Ecology and Management, 2008, 61, 412-418.	2.3	44
8	Integrating cloud-based workflows in continental-scale cropland extent classification. Remote Sensing of Environment, 2018, 219, 162-179.	11.0	40
9	Invasive buffelgrass detection using high-resolution satellite and <scp>UAV</scp> imagery on Google Earth Engine. Remote Sensing in Ecology and Conservation, 2019, 5, 318-331.	4.3	38
10	<scp>UAV</scp>-derived estimates of forest structure to inform ponderosa pine forest restoration. Remote Sensing in Ecology and Conservation, 2020, 6, 181-197.	4.3	36
11	Characterizing Western Juniper Expansion via a Fusion of Landsat 5 Thematic Mapper and Lidar Data. Rangeland Ecology and Management, 2010, 63, 514-523.	2.3	32
12	Geospatial Assessment of Grazing Regime Shifts and Sociopolitical Changes in a Mongolian Rangeland. Rangeland Ecology and Management, 2009, 62, 522-530.	2.3	27
13	Multi-scale analysis of snow dynamics at the southern margin of the North American continental snow distribution. Remote Sensing of Environment, 2015, 169, 307-319.	11.0	26
14	Lidar-derived estimate and uncertainty of carbon sink in successional phases of woody encroachment. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1144-1155.	3.0	25
15	Unmanned Aerial Vehicle - Based Rangeland Monitoring: Examining a Century of Vegetation Changes. Rangeland Ecology and Management, 2019, 72, 858-863.	2.3	24
16	Landsat-5 TM and Lidar Fusion for Sub-pixel Juniper Tree Cover Estimates in a Western Rangeland. Photogrammetric Engineering and Remote Sensing, 2011, 77, 1241-1248.	0.6	23
17	Considerations for Achieving Cross-Platform Point Cloud Data Fusion across Different Dryland Ecosystem Structural States. Frontiers in Plant Science, 2017, 8, 2144.	3.6	22
18	Adaptive capacity in the foundation tree species Populus fremontii: implications for resilience to climate change and non-native species invasion in the American Southwest. , 2020, 8, coaa061.		20

#	ARTICLE	IF	CITATIONS
19	Regional-scale forest restoration effects on ecosystem resiliency to drought: a synthesis of vegetation and moisture trends on Google Earth Engine. <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 259-274.	4.3	16
20	Thinning increases forest resiliency during unprecedented drought. <i>Scientific Reports</i> , 2022, 12, .	3.3	15
21	Examining Forest Structure With Terrestrial Lidar: Suggestions and Novel Techniques Based on Comparisons Between Scanners and Forest Treatments. <i>Earth and Space Science</i> , 2018, 5, 753-776.	2.6	14
22	Remote sensing of tamarisk beetle (<i>Diorhabda carinulata</i>) impacts along 412 km of the Colorado River in the Grand Canyon, Arizona, USA. <i>Ecological Indicators</i> , 2018, 89, 365-375.	6.3	12
23	Post-socialist cropland changes and abandonment in Mongolia. <i>Land Degradation and Development</i> , 2018, 29, 2808-2821.	3.9	12
24	Soil moisture response to seasonal drought conditions and post-thinning forest structure. <i>Ecohydrology</i> , 2022, 15, .	2.4	12
25	Regional Assessment of Aspen Change and Spatial Variability on Decadal Time Scales. <i>Remote Sensing</i> , 2009, 1, 896-914.	4.0	10
26	Multi-sensor Analyses of Vegetation Indices in a Semi-arid Environment. <i>GIScience and Remote Sensing</i> , 2010, 47, 260-275.	5.9	10
27	WorldView-2 High Spatial Resolution Improves Desert Invasive Plant Detection. <i>Photogrammetric Engineering and Remote Sensing</i> , 2014, 80, 885-893.	0.6	10
28	Remote Sensing of Tamarisk Biomass, Insect Herbivory, and Defoliation: Novel Methods in the Grand Canyon Region, Arizona. <i>Photogrammetric Engineering and Remote Sensing</i> , 2016, 82, 645-652.	0.6	10
29	UAV-Based Estimate of Snow Cover Dynamics: Optimizing Semi-Arid Forest Structure for Snow Persistence. <i>Remote Sensing</i> , 2021, 13, 1036.	4.0	10
30	Integrating airborne and mobile lidar data with UAV photogrammetry for rapid assessment of changing forest snow depth and cover. <i>Science of Remote Sensing</i> , 2021, 4, 100029.	4.8	10
31	Hydrologic and geomorphic effects on riparian plant species occurrence and encroachment: Remote sensing of 360 km of the Colorado River in Grand Canyon. <i>Ecohydrology</i> , 2021, 14, e2344.	2.4	8
32	Decadal-scale aspen changes: evidence in remote sensing and tree ring data. <i>Applied Vegetation Science</i> , 2012, 15, no.	1.9	7
33	Vegetation structure controls on snow and soil moisture in restored ponderosa pine forests. <i>Hydrological Processes</i> , 2021, 35, e14432.	2.6	6
34	UAV thermal image detects genetic trait differences among populations and genotypes of Fremont cottonwood (<i>Populus fremontii</i> , Salicaceae). <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 245-258.	4.3	5
35	Carbon and ecohydrological priorities in managing woody encroachment: UAV perspective 63 years after a control treatment. <i>Environmental Research Letters</i> , 2021, 16, 124053.	5.2	3
36	Monitoring Tamarix Changes Using WorldView-2 Satellite Imagery in Grand Canyon National Park, Arizona. <i>Remote Sensing</i> , 2021, 13, 958.	4.0	2