

Hamed Gholizadeh

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

667
citations

687363

13
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. <i>Remote Sensing of Environment</i> , 2021, 257, 112349.	11.0	148
2	A climatic deconstruction of recent drought trends in the United States. <i>Environmental Research Letters</i> , 2015, 10, 044009.	5.2	84
3	Remote sensing of biodiversity: Soil correction and data dimension reduction methods improve assessment of α -diversity (species richness) in prairie ecosystems. <i>Remote Sensing of Environment</i> , 2018, 206, 240-253.	11.0	84
4	Detecting prairie biodiversity with airborne remote sensing. <i>Remote Sensing of Environment</i> , 2019, 221, 38-49.	11.0	72
5	Comparing PlanetScope to Landsat-8 and Sentinel-2 for Sensing Water Quality in Reservoirs in Agricultural Watersheds. <i>Remote Sensing</i> , 2021, 13, 1847.	4.0	36
6	Multi-temporal assessment of grassland α - and β -diversity using hyperspectral imaging. <i>Ecological Applications</i> , 2020, 30, e02145.	3.8	33
7	The role of topography, soil, and remotely sensed vegetation condition towards predicting crop yield. <i>Field Crops Research</i> , 2020, 252, 107788.	5.1	30
8	Canopy spectral reflectance detects oak wilt at the landscape scale using phylogenetic discrimination. <i>Remote Sensing of Environment</i> , 2022, 273, 112961.	11.0	24
9	Incorporation of the Penman-Monteith potential evapotranspiration method into a Palmer Drought Severity Index Tool. <i>Computers and Geosciences</i> , 2015, 85, 136-141.	4.2	23
10	Comparing the performance of multispectral vegetation indices and machine-learning algorithms for remote estimation of chlorophyll content: a case study in the Sundarbans mangrove forest. <i>International Journal of Remote Sensing</i> , 2015, 36, 3114-3133.	2.9	21
11	Capturing species-level drought responses in a temperate deciduous forest using ratios of photochemical reflectance indices between sunlit and shaded canopies. <i>Remote Sensing of Environment</i> , 2017, 199, 350-359.	11.0	21
12	Remotely detected aboveground plant function predicts belowground processes in two prairie diversity experiments. <i>Ecological Monographs</i> , 2022, 92, e1488.	5.4	19
13	Consideration of Scale in Remote Sensing of Biodiversity. , 2020, , 425-447.		18
14	Mapping invasive alien species in grassland ecosystems using airborne imaging spectroscopy and remotely observable vegetation functional traits. <i>Remote Sensing of Environment</i> , 2022, 271, 112887.	11.0	16
15	Coupling spectral and resource-use complementarity in experimental grassland and forest communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211290.	2.6	9
16	A Decision Fusion Framework for Hyperspectral Subpixel Target Detection. <i>Photogrammetrie, Fernerkundung, Geoinformation</i> , 2012, 2012, 267-280.	1.2	5
17	Revisiting empirical ocean-colour algorithms for remote estimation of chlorophyll- <i>a</i> content on a global scale. <i>International Journal of Remote Sensing</i> , 2016, 37, 2682-2705.	2.9	5
18	Inspecting the Food-Water Nexus in the Ogallala Aquifer Region Using Satellite Remote Sensing Time Series. <i>Remote Sensing</i> , 2020, 12, 2257.	4.0	5

#	ARTICLE	IF	CITATIONS
19	A decision fusion approach for clustering of hyperspectral data using spectral unmixing methods. , 2012, , .		2
20	Impact of informative band selection on target detection performance. Proceedings of SPIE, 2011, , .	0.8	1
21	A novel hyperspectral image clustering method based on spectral unmixing. , 2012, , .		1
22	Band selection for hyperspectral remote sensing data through correlation matrix to improve image clustering. Proceedings of SPIE, 2013, , .	0.8	1
23	Local Prototype Space-based Band Selection for Hyperspectral Subpixel Analysis. Photogrammetrie, Fernerkundung, Geoinformation, 2015, 2015, 373-380.	1.2	1
24	Imaging Spectrometry and Fluorometry in Support of Flex: What Can We Learn from Multi-Scale Experiments?. , 2018, , .		0