

Forrest Melton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10423159/publications.pdf>

Version: 2024-02-01

18
papers

1,906
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

3572
citing authors

#	ARTICLE	IF	CITATIONS
1	The future of evapotranspiration: Global requirements for ecosystem functioning, carbon and climate feedbacks, agricultural management, and water resources. <i>Water Resources Research</i> , 2017, 53, 2618-2626.	4.2	552
2	The impacts of climate change on ecosystem structure and function. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 474-482.	4.0	433
3	Downscaled Climate Projections Suitable for Resource Management. <i>Eos</i> , 2013, 94, 321-323.	0.1	148
4	Daily Mapping of 30 m LAI and NDVI for Grape Yield Prediction in California Vineyards. <i>Remote Sensing</i> , 2017, 9, 317.	4.0	126
5	Monitoring and forecasting ecosystem dynamics using the Terrestrial Observation and Prediction System (TOPS). <i>Remote Sensing of Environment</i> , 2009, 113, 1497-1509.	11.0	117
6	Generating global Leaf Area Index from Landsat: Algorithm formulation and demonstration. <i>Remote Sensing of Environment</i> , 2012, 122, 185-202.	11.0	115
7	The Grape Remote Sensing Atmospheric Profile and Evapotranspiration Experiment. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 1791-1812.	3.3	88
8	Delineating the Ecosystems Containing Protected Areas for Monitoring and Management. <i>BioScience</i> , 2011, 61, 363-373.	4.9	77
9	Forecasting river temperatures in real time using a stochastic dynamics approach. <i>Water Resources Research</i> , 2013, 49, 5168-5182.	4.2	61
10	Long-term monitoring of evapotranspiration using the SEBAL algorithm and Google Earth Engine cloud computing. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 178, 81-96.	11.1	59
11	Communicating Local Climate Risks Online Through an Interactive Data Visualization. <i>Environmental Communication</i> , 2017, 11, 90-105.	2.5	35
12	Seasonal cultivated and fallow cropland mapping using MODIS-based automated cropland classification algorithm. <i>Journal of Applied Remote Sensing</i> , 2014, 8, 083685.	1.3	29
13	Relationship between community prevalence of obesity and associated behavioral factors and community rates of influenza-related hospitalizations in the United States. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 718-728.	3.4	26
14	Forecasting Distributional Responses of Limber Pine to Climate Change at Management-Relevant Scales in Rocky Mountain National Park. <i>PLoS ONE</i> , 2013, 8, e83163.	2.5	24
15	flux-data-qaqc: A Python Package for Energy Balance Closure and Post-Processing of Eddy Flux Data. <i>Journal of Open Source Software</i> , 2021, 6, 3418.	4.6	7
16	Potential Impacts of Climate and Land Use Change on Ecosystem Processes in the Great Northern and Appalachian Landscape Conservation Cooperatives. , 2016, , 119-150.		5
17	Remote Sensing for Inventory and Monitoring of U.S. National Parks. <i>Taylor & Francis Series in Remote Sensing Applications</i> , 2011, , 29-56.	0.0	3
18	Monitoring and Forecasting Climate Impacts on Ecosystem Dynamics in Protected Areas Using the Terrestrial Observation and Prediction System. <i>Taylor & Francis Series in Remote Sensing Applications</i> , 2011, , 525-542.	0.0	1