

# Forrest S Melton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9708118/publications.pdf>

Version: 2024-02-01

9  
papers

857  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1631  
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 | Satellite Irrigation Management Support With the Terrestrial Observation and Prediction System: A Framework for Integration of Satellite and Surface Observations to Support Improvements in Agricultural Water Resource Management. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 1709-1721. | 4.9  | 74        |
| 3 | OpenET: Filling a Critical Data Gap in Water Management for the Western United States. <i>Journal of the American Water Resources Association</i> , 2022, 58, 971-994.   | 2.4  | 65        |
| 4 | 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        |
| 5 | Communicating Local Climate Risks Online Through an Interactive Data Visualization. <i>Environmental Communication</i> , 2017, 11, 90-105.   | 2.5  | 35        |
| 6 | IrrMapper: A Machine Learning Approach for High Resolution Mapping of Irrigated Agriculture Across the Western U.S.. <i>Remote Sensing</i> , 2020, 12, 2328.   | 4.0  | 33        |
| 7 | 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        |
| 8 | Water Use Data in the United States: Challenges and Future Directions. <i>Journal of the American Water Resources Association</i> , 2022, 58, 485-495.   | 2.4  | 8         |
| 9 | 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         |