

Jonathan A Greenberg

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,390
citations

331670

21
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

4016
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Phenology-based classification of invasive annual grasses to the species level. Remote Sensing of Environment, 2021, 263, 112568. | 11.0 | 24 |
| 2 | Unraveling the Controls on Snow Disappearance in Montane Conifer Forests Using Multi-Site Lidar. Water Resources Research, 2021, 57, . | 4.2 | 11 |
| 3 | A spatialized classification approach for land cover mapping using hyperspatial imagery. Remote Sensing of Environment, 2019, 232, 111248. | 11.0 | 8 |
| 4 | Spatial scale affects novel and disappeared climate change projections in Alaska. Ecology and Evolution, 2019, 9, 12026-12044. | 1.9 | 6 |
| 5 | Measuring landscape-scale spread and persistence of an invaded submerged plant community from airborne remote sensing. Ecological Applications, 2016, 26, 1733-1744. | 3.8 | 22 |
| 6 | The Effect of Submerged Aquatic Vegetation Expansion on a Declining Turbidity Trend in the Sacramento-San Joaquin River Delta. Estuaries and Coasts, 2016, 39, 1100-1112. | 2.2 | 48 |
| 7 | Quantifying Environmental Limiting Factors on Tree Cover Using Geospatial Data. PLoS ONE, 2015, 10, e0114648. | 2.5 | 12 |
| 8 | Detection of foreclosure-related landscape management changes using Landsat. Applied Geography, 2015, 62, 217-224. | 3.7 | 8 |
| 9 | On the Feasibility of Characterizing Soil Properties From AVIRIS Data. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5133-5147. | 6.3 | 14 |
| 10 | Assessment of Floodplain Vulnerability during Extreme Mississippi River Flood 2011. Environmental Science & Technology, 2014, 48, 2619-2625. | 10.0 | 39 |
| 11 | The Theoretical Limit to Plant Productivity. Environmental Science & Technology, 2014, 48, 9471-9477. | 10.0 | 41 |
| 12 | Remote sensing the vulnerability of vegetation in natural terrestrial ecosystems. Remote Sensing of Environment, 2014, 154, 322-337. | 11.0 | 107 |
| 13 | The climate velocity of the contiguous United States during the 20th century. Global Change Biology, 2013, 19, 241-251. | 9.5 | 267 |
| 14 | Classification Trees for Aquatic Vegetation Community Prediction From Imaging Spectroscopy. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1572-1584. | 4.9 | 23 |
| 15 | Bioclimatic limitations on global forests as measured by a fused remote sensing-climate approach. , 2012, , . | | 0 |
| 16 | Spatial variability in wildfire probability across the western United States. International Journal of Wildland Fire, 2012, 21, 313. | 2.4 | 135 |
| 17 | Assessing levee stability with geometric parameters derived from airborne LiDAR. Remote Sensing of Environment, 2012, 117, 281-288. | 11.0 | 23 |
| 18 | Using LiDAR Data Analysis to Estimate Changes in Insolation Under Large-Scale Riparian Deforestation. Journal of the American Water Resources Association, 2012, 48, 939-948. | 2.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Changes in Climatic Water Balance Drive Downhill Shifts in Plant Species' Optimum Elevations. <i>Science</i> , 2011, 331, 324-327. | 12.6 | 466 |
| 20 | Modeling plant ranges over 75 years of climate change in California, USA: temporal transferability and species traits. <i>Ecological Monographs</i> , 2011, 81, 241-257. | 5.4 | 156 |
| 21 | Least cost distance analysis for spatial interpolation. <i>Computers and Geosciences</i> , 2011, 37, 272-276. | 4.2 | 26 |
| 22 | Response to Comments on "Changes in Climatic Water Balance Drive Downhill Shifts in Plant Species' Optimum Elevations". <i>Science</i> , 2011, 334, 177-177. | 12.6 | 11 |
| 23 | Using hyperspectral remote sensing to detect and quantify southeastern pine senescence effects in red-cockaded woodpecker (<i>Picoides borealis</i>) habitat. <i>Remote Sensing of Environment</i> , 2010, 114, 1242-1250. | 11.0 | 21 |
| 24 | Limitations on maximum tree density using hyperspatial remote sensing and environmental gradient analysis. <i>Remote Sensing of Environment</i> , 2009, 113, 94-101. | 11.0 | 21 |
| 25 | How much influence does landscape-scale physiography have on air temperature in a mountain environment?. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 1751-1758. | 4.8 | 144 |
| 26 | Use of Hyperspectral Remote Sensing to Evaluate Efficacy of Aquatic Plant Management. <i>Invasive Plant Science and Management</i> , 2009, 2, 216-229. | 1.1 | 33 |
| 27 | Distribution of Y chromosomes among native North Americans: A study of Athapaskan population history. <i>American Journal of Physical Anthropology</i> , 2008, 137, 412-424. | 2.1 | 49 |
| 28 | Identification of invasive vegetation using hyperspectral remote sensing in the California Delta ecosystem. <i>Remote Sensing of Environment</i> , 2008, 112, 4034-4047. | 11.0 | 272 |
| 29 | Introduction to special section on Remote Characterization of Vegetation Structure: New Methods and Applications to Landscape-Regional-Globa Scale Processes. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 4 |
| 30 | Remote Sensing of Tropospheric Ozone Impacts on Bio-Indicator Species Using Imaging Spectroscopy. , 2006, , . | | 0 |
| 31 | A Bottom-up Approach to Vegetation Mapping of the Lake Tahoe Basin Using Hyperspatial Image Analysis. <i>Photogrammetric Engineering and Remote Sensing</i> , 2006, 72, 581-589. | 0.6 | 22 |
| 32 | Mapping Invasive Aquatic Vegetation in the Sacramento-San Joaquin Delta using Hyperspectral Imagery. <i>Environmental Monitoring and Assessment</i> , 2006, 121, 47-64. | 2.7 | 74 |
| 33 | Improving image derived vegetation maps with regression based distribution modeling. <i>Ecological Modelling</i> , 2006, 192, 126-142. | 2.5 | 15 |
| 34 | Survival analysis of a neotropical rainforest using multitemporal satellite imagery. <i>Remote Sensing of Environment</i> , 2005, 96, 202-211. | 11.0 | 28 |
| 35 | Shadow allometry: Estimating tree structural parameters using hyperspatial image analysis. <i>Remote Sensing of Environment</i> , 2005, 97, 15-25. | 11.0 | 74 |
| 36 | Remotely sensed estimates of crop water demand. , 2004, 5544, 230. | | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The Structure of Diversity within New World Mitochondrial DNA Haplogroups: Implications for the Prehistory of North America. <i>American Journal of Human Genetics</i> , 2002, 70, 905-919. | 6.2 | 85 |
| 38 | Do gorilla females join males to avoid infanticide? A quantitative model. <i>Animal Behaviour</i> , 2001, 62, 905-915. | 1.9 | 66 |