Jonathan A Greenberg

List of Publications by Year
in descending order

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	Changes in Climatic Water Balance Drive Downhill Shifts in Plant Speciesâ€™ Optimum Elevations. Science, 2011, 331, 324-327.	12.6	466
2	Identification of invasive vegetation using hyperspectral remote sensing in the California Delta ecosystem. Remote Sensing of Environment, 2008, 112, 4034-4047.	11.0	272
3	The climate velocity of the contiguous <scp>U</scp>nited <scp>S</scp>tates during the 20th century. Global Change Biology, 2013, 19, 241-251.	9.5	267
4	Modeling plant ranges over 75 years of climate change in California, USA: temporal transferability and species traits. Ecological Monographs, 2011, 81, 241-257.	5.4	156
5	How much influence does landscape-scale physiography have on air temperature in a mountain environment?. Agricultural and Forest Meteorology, 2009, 149, 1751-1758.	4.8	144
6	Spatial variability in wildfire probability across the western United States. International Journal of Wildland Fire, 2012, 21, 313.	2.4	135
7	Remote sensing the vulnerability of vegetation in natural terrestrial ecosystems. Remote Sensing of Environment, 2014, 154, 322-337.	11.0	107
8	The Structure of Diversity within New World Mitochondrial DNA Haplogroups: Implications for the Prehistory of North America. American Journal of Human Genetics, 2002, 70, 905-919.	6.2	85
9	Shadow allometry: Estimating tree structural parameters using hyperspatial image analysis. Remote Sensing of Environment, 2005, 97, 15-25.	11.0	74
10	Mapping Invasive Aquatic Vegetation in the Sacramento-San Joaquin Delta using Hyperspectral Imagery. Environmental Monitoring and Assessment, 2006, 121, 47-64.	2.7	74
11	Do gorilla females join males to avoid infanticide? A quantitative model. Animal Behaviour, 2001, 62, 905-915.	1.9	66
12	Distribution of Y chromosomes among native North Americans: A study of Athapaskan population history. American Journal of Physical Anthropology, 2008, 137, 412-424.	2.1	49
13	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
14	The Theoretical Limit to Plant Productivity. Environmental Science & Technology, 2014, 48, 9471-9477.	10.0	41
15	Assessment of Floodplain Vulnerability during Extreme Mississippi River Flood 2011. Environmental Science & Technology, 2014, 48, 2619-2625.	10.0	39
16	Use of Hyperspectral Remote Sensing to Evaluate Efficacy of Aquatic Plant Management. Invasive Plant Science and Management, 2009, 2, 216-229.	1.1	33
17	Survival analysis of a neotropical rainforest using multitemporal satellite imagery. Remote Sensing of Environment, 2005, 96, 202-211.	11.0	28
18	Least cost distance analysis for spatial interpolation. Computers and Geosciences, 2011, 37, 272-276.	4.2	26

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19	Phenology-based classification of invasive annual grasses to the species level. Remote Sensing of Environment, 2021, 263, 112568.	11.0	24
20	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
21	Assessing levee stability with geometric parameters derived from airborne LiDAR. Remote Sensing of Environment, 2012, 117, 281-288.	11.0	23
22	A Bottom-up Approach to Vegetation Mapping of the Lake Tahoe Basin Using Hyperspatial Image Analysis. Photogrammetric Engineering and Remote Sensing, 2006, 72, 581-589.	0.6	22
23	Measuring landscapeâ€scale spread and persistence of an invaded submerged plant community from airborne remote sensing. Ecological Applications, 2016, 26, 1733-1744.	3.8	22
24	Limitations on maximum tree density using hyperspatial remote sensing and environmental gradient analysis. Remote Sensing of Environment, 2009, 113, 94-101.	11.0	21
25	Using hyperspectral remote sensing to detect and quantify southeastern pine senescence effects in red-cockaded woodpecker (Picoides borealis) habitat. Remote Sensing of Environment, 2010, 114, 1242-1250.	11.0	21
26	Improving image derived vegetation maps with regression based distribution modeling. Ecological Modelling, 2006, 192, 126-142.	2.5	15
27	Using LiDAR Data Analysis to Estimate Changes in Insolation Under Largeâ€Scale Riparian Deforestation¹. Journal of the American Water Resources Association, 2012, 48, 939-948.	2.4	15
28	On the Feasibility of Characterizing Soil Properties From AVIRIS Data. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5133-5147.	6.3	14
29	Remotely sensed estimates of crop water demand. , 2004, 5544, 230.		12
30	Quantifying Environmental Limiting Factors on Tree Cover Using Geospatial Data. PLoS ONE, 2015, 10, e0114648.	2.5	12
31	Response to Comments on â€œChanges in Climatic Water Balance Drive Downhill Shifts in Plant Speciesâ€™ Optimum Elevationsâ€. Science, 2011, 334, 177-177.	12.6	11
32	Unraveling the Controls on Snow Disappearance in Montane Conifer Forests Using Multiâ€Site Lidar. Water Resources Research, 2021, 57, .	4.2	11
33	Detection of foreclosure-related landscape management changes using Landsat. Applied Geography, 2015, 62, 217-224.	3.7	8
34	A spatialized classification approach for land cover mapping using hyperspatial imagery. Remote Sensing of Environment, 2019, 232, 111248.	11.0	8
35	Spatial scale affects novel and disappeared climate change projections in Alaska. Ecology and Evolution, 2019, 9, 12026-12044.	1.9	6
36	Introduction to special section on Remote Characterization of Vegetation Structure: New Methods and Applications to Landscapeâ€Regionalâ€Global Scale Processes. Journal of Geophysical Research, 2008, 113, .	3.3	4

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37	Remote Sensing of Tropospheric Ozone Impacts on Bio-Indicator Species Using Imaging Spectroscopy. , 2006, , .		0
38	Bioclimatic limitations on global forests as measured by a fused remote sensing-climate approach. , 2012, , .		0