

# Susan L Ustin

## List of Publications by Citations

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250  
papers

16,037  
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66  
h-index

122  
g-index

270  
ext. papers

18,255  
ext. citations

7.3  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
250	Mapping Chaparral in the Santa Monica Mountains Using Multiple Endmember Spectral Mixture Models. <i>Remote Sensing of Environment</i> , <b>1998</b> , 65, 267-279	13.2	917
249	PROSPECT + SAIL models: A review of use for vegetation characterization. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, S56-S66	13.2	893
248	PROSPECT-4 and 5: Advances in the leaf optical properties model separating photosynthetic pigments. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 3030-3043	13.2	583
247	Vegetation in deserts: I. A regional measure of abundance from multispectral images. <i>Remote Sensing of Environment</i> , <b>1990</b> , 31, 1-26	13.2	562
246	Estimating leaf biochemistry using the PROSPECT leaf optical properties model. <i>Remote Sensing of Environment</i> , <b>1996</b> , 56, 194-202	13.2	455
245	Retrieval of foliar information about plant pigment systems from high resolution spectroscopy. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, S67-S77	13.2	453
244	Remote sensing of plant functional types. <i>New Phytologist</i> , <b>2010</b> , 186, 795-816	9.8	387
243	Water content estimation in vegetation with MODIS reflectance data and model inversion methods. <i>Remote Sensing of Environment</i> , <b>2003</b> , 85, 109-124	13.2	381
242	Using Imaging Spectroscopy to Study Ecosystem Processes and Properties. <i>BioScience</i> , <b>2004</b> , 54, 523	5.7	369
241	Remote sensing of nitrogen and lignin in Mediterranean vegetation from AVIRIS data: Decomposing biochemical from structural signals. <i>Remote Sensing of Environment</i> , <b>2002</b> , 81, 355-364	13.2	295
240	Mapping nonnative plants using hyperspectral imagery. <i>Remote Sensing of Environment</i> , <b>2003</b> , 86, 150-161	13.2	286
239	Earth system science related imaging spectroscopy: An assessment. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, S123-S137	13.2	276
238	Steady-state chlorophyll a fluorescence detection from canopy derivative reflectance and double-peak red-edge effects. <i>Remote Sensing of Environment</i> , <b>2003</b> , 84, 283-294	13.2	240
237	An introduction to the NASA Hyperspectral InfraRed Imager (HyspIRI) mission and preparatory activities. <i>Remote Sensing of Environment</i> , <b>2015</b> , 167, 6-19	13.2	231
236	Identification of invasive vegetation using hyperspectral remote sensing in the California Delta ecosystem. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 4034-4047	13.2	227
235	Simple reflectance indices track heat and water stress-induced changes in steady-state chlorophyll fluorescence at the canopy scale. <i>Remote Sensing of Environment</i> , <b>2005</b> , 97, 403-414	13.2	208
234	Critique of stepwise multiple linear regression for the extraction of leaf biochemistry information from leaf reflectance data. <i>Remote Sensing of Environment</i> , <b>1996</b> , 56, 182-193	13.2	206

233	Deriving Water Content of Chaparral Vegetation from AVIRIS Data. <i>Remote Sensing of Environment</i> , <b>2000</b> , 74, 570-581	13.2	204
232	Modeling airborne laser scanning data for the spatial generation of critical forest parameters in fire behavior modeling. <i>Remote Sensing of Environment</i> , <b>2003</b> , 86, 177-186	13.2	193
231	Predicting water content using Gaussian model on soil spectra. <i>Remote Sensing of Environment</i> , <b>2004</b> , 89, 535-552	13.2	188
230	Winter rainfall interception by two mature open-grown trees in Davis, California. <i>Hydrological Processes</i> , <b>2000</b> , 14, 763-784	3.3	170
229	Detection of stress in tomatoes induced by late blight disease in California, USA, using hyperspectral remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2003</b> , 4, 295-310	7.3	169
228	Estimating Canopy Water Content of Chaparral Shrubs Using Optical Methods. <i>Remote Sensing of Environment</i> , <b>1998</b> , 65, 280-291	13.2	167
227	Monitoring plant functional diversity from space. <i>Nature Plants</i> , <b>2016</b> , 2, 16024	11.5	164
226	Spectral and Structural Measures of Northwest Forest Vegetation at Leaf to Landscape Scales. <i>Ecosystems</i> , <b>2004</b> , 7, 545	3.9	163
225	Evaluation of the potential of Hyperion for fire danger assessment by comparison to the Airborne Visible/Infrared Imaging Spectrometer. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2003</b> , 41, 1297-1310	8.1	155
224	Improving estimation of summer maize nitrogen status with red edge-based spectral vegetation indices. <i>Field Crops Research</i> , <b>2014</b> , 157, 111-123	5.5	146
223	Temporal and Spatial Relationships between Within-Field Yield Variability in Cotton and High-Spatial Hyperspectral Remote Sensing Imagery. <i>Agronomy Journal</i> , <b>2005</b> , 97, 641-653	2.2	145
222	Mapping the land surface for global atmosphere-biosphere models: Toward continuous distributions of vegetation's functional properties. <i>Journal of Geophysical Research</i> , <b>1995</b> , 100, 20867		142
221	The role of environmental context in mapping invasive plants with hyperspectral image data. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 4301-4317	13.2	138
220	Hyperspectral canopy sensing of paddy rice aboveground biomass at different growth stages. <i>Field Crops Research</i> , <b>2014</b> , 155, 42-55	5.5	136
219	Reflectance properties and physiological responses of <i>Salicornia virginica</i> to heavy metal and petroleum contamination. <i>Environmental Pollution</i> , <b>2005</b> , 137, 241-52	9.3	136
218	Estimation of fuel moisture content by inversion of radiative transfer models to simulate equivalent water thickness and dry matter content: analysis at leaf and canopy level. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2005</b> , 43, 819-826	8.1	136
217	Spectral sensing of foliar water conditions in two co-occurring conifer species: <i>Pinus edulis</i> and <i>Juniperus monosperma</i> . <i>Remote Sensing of Environment</i> , <b>2005</b> , 96, 108-118	13.2	135
216	Remote Sensing of Soil Properties in the Santa Monica Mountains I. Spectral Analysis. <i>Remote Sensing of Environment</i> , <b>1998</b> , 65, 170-183	13.2	128

215	Estimating vegetation water content with hyperspectral data for different canopy scenarios: Relationships between AVIRIS and MODIS indexes. <i>Remote Sensing of Environment</i> , <b>2006</b> , 105, 354-366	13.2	125
214	Effects of salinity on growth and photosynthesis of three California tidal marsh species. <i>Oecologia</i> , <b>1984</b> , 62, 68-73	2.9	115
213	Assessment of vegetation regeneration after fire through multitemporal analysis of AVIRIS images in the Santa Monica Mountains. <i>Remote Sensing of Environment</i> , <b>2002</b> , 79, 60-71	13.2	114
212	Use of lidar to study changes associated with <i>Spartina</i> invasion in San Francisco Bay marshes. <i>Remote Sensing of Environment</i> , <b>2006</b> , 100, 295-306	13.2	112
211	Generation of crown bulk density for <i>Pinus sylvestris</i> L. from lidar. <i>Remote Sensing of Environment</i> , <b>2004</b> , 92, 345-352	13.2	110
210	Multi-temporal vegetation canopy water content retrieval and interpretation using artificial neural networks for the continental USA. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 203-215	13.2	108
209	Three-dimensional radiation transfer modeling in a dicotyledon leaf. <i>Applied Optics</i> , <b>1996</b> , 35, 6585-98	1.7	108
208	A new approach to modeling tree rainfall interception. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 29173-29188	0.5	
207	Monitoring of wildfires in Boreal Forests using large area AVHRR NDVI composite image data. <i>Remote Sensing of Environment</i> , <b>1993</b> , 45, 61-71	13.2	105
206	Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging. <i>International Journal of Wildland Fire</i> , <b>2007</b> , 16, 341	3.2	94
205	Modeling energy and carbon fluxes in a heterogeneous oak woodland: A three-dimensional approach. <i>Agricultural and Forest Meteorology</i> , <b>2012</b> , 152, 83-100	5.8	93
204	Spectroscopic remote sensing of the distribution and persistence of oil from the Deepwater Horizon spill in Barataria Bay marshes. <i>Remote Sensing of Environment</i> , <b>2013</b> , 129, 210-230	13.2	92
203	Biophysical controls of carbon flows in three successional Douglas-fir stands based on eddy-covariance measurements. <i>Tree Physiology</i> , <b>2002</b> , 22, 169-77	4.2	90
202	Development of angle indexes for soil moisture estimation, dry matter detection and land-cover discrimination. <i>Remote Sensing of Environment</i> , <b>2007</b> , 109, 154-165	13.2	85
201	Vegetation water content during SMEX04 from ground data and Landsat 5 Thematic Mapper imagery. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 350-362	13.2	81
200	Estimation of tree canopy leaf area index by gap fraction analysis. <i>Forest Ecology and Management</i> , <b>1993</b> , 61, 91-108	3.9	81
199	Habitat suitability modelling of an invasive plant with advanced remote sensing data. <i>Diversity and Distributions</i> , <b>2009</b> , 15, 627-640	5	78
198	Active canopy sensing of winter wheat nitrogen status: An evaluation of two sensor systems. <i>Computers and Electronics in Agriculture</i> , <b>2015</b> , 112, 54-67	6.5	77

197	Deriving leaf mass per area (LMA) from foliar reflectance across a variety of plant species using continuous wavelet analysis. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2014</b> , 87, 28-38	11.8	76
196	Carbon Dioxide Exchange Between an Old-growth Forest and the Atmosphere. <i>Ecosystems</i> , <b>2004</b> , 7, 513-520	3.9	76
195	Flux partitioning in an old-growth forest: seasonal and interannual dynamics. <i>Tree Physiology</i> , <b>2008</b> , 28, 509-20	4.2	75
194	Effects of invasive species on plant communities: an example using submersed aquatic plants at the regional scale. <i>Biological Invasions</i> , <b>2011</b> , 13, 443-457	2.7	74
193	Global spatial patterns and temporal trends of burned area between 1981 and 2000 using NOAA-NASA Pathfinder. <i>Global Change Biology</i> , <b>2007</b> , 13, 40-50	11.4	74
192	Simulation of photon transport in a three-dimensional leaf: implications for photosynthesis. <i>Plant, Cell and Environment</i> , <b>2001</b> , 24, 1095-1103	8.4	74
191	Estimation of water-related biochemical and biophysical vegetation properties using multitemporal airborne hyperspectral data and its comparison to MODIS spectral response. <i>Remote Sensing of Environment</i> , <b>2014</b> , 148, 28-41	13.2	73
190	Water content estimation from hyperspectral images and MODIS indexes in Southeastern Arizona. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 363-374	13.2	71
189	. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2007</b> , 4, 216-220	4.1	71
188	Application of AVIRIS data in detection of oil-induced vegetation stress and cover change at Jornada, New Mexico. <i>Remote Sensing of Environment</i> , <b>2005</b> , 94, 1-16	13.2	71
187	ISS observations offer insights into plant function. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 194	12.3	70
186	Predicting leaf gravimetric water content from foliar reflectance across a range of plant species using continuous wavelet analysis. <i>Journal of Plant Physiology</i> , <b>2012</b> , 169, 1134-42	3.6	68
185	Functional patterns in an annual grassland during an AVIRIS overflight. <i>Remote Sensing of Environment</i> , <b>1993</b> , 44, 239-253	13.2	67
184	Airborne Thermal Imagery to Detect the Seasonal Evolution of Crop Water Status in Peach, Nectarine and Saturn Peach Orchards. <i>Remote Sensing</i> , <b>2016</b> , 8, 39	5	66
183	A comparison of spatial and spectral image resolution for mapping invasive plants in coastal California. <i>Environmental Management</i> , <b>2007</b> , 39, 63-83	3.1	65
182	Mapping invasive aquatic vegetation in the Sacramento-San Joaquin Delta using hyperspectral imagery. <i>Environmental Monitoring and Assessment</i> , <b>2006</b> , 121, 47-64	3.1	65
181	Thematic Mapper Studies of Semiarid Shrub Communities. <i>BioScience</i> , <b>1986</b> , 36, 446-452	5.7	65
180	The influence of tidal channels on the distribution of salt marsh plant species in Petaluma Marsh, CA, USA. <i>Plant Ecology</i> , <b>2000</b> , 146, 29-41	1.7	64

179	Grapevine dormant pruning weight prediction using remotely sensed data. <i>Australian Journal of Grape and Wine Research</i> , <b>2003</b> , 9, 177-182	2.4	63
178	Shadow allometry: Estimating tree structural parameters using hyperspatial image analysis. <i>Remote Sensing of Environment</i> , <b>2005</b> , 97, 15-25	13.2	62
177	Retrieval of vegetation equivalent water thickness from reflectance using genetic algorithm (GA)-partial least squares (PLS) regression. <i>Advances in Space Research</i> , <b>2008</b> , 41, 1755-1763	2.4	60
176	Influence of atmospheric and sea-surface corrections on retrieval of bottom depth and reflectance using a semi-analytical model: a case study in Kaneohe Bay, Hawaii. <i>Applied Optics</i> , <b>2008</b> , 47, F1-F11	0.2	59
175	An integrated approach to a biophysiological based classification of floating aquatic macrophytes. <i>International Journal of Remote Sensing</i> , <b>2011</b> , 32, 1067-1094	3.1	57
174	Net Ecosystem Exchanges of Carbon, Water, and Energy in Young and Old-growth Douglas-Fir Forests. <i>Ecosystems</i> , <b>2004</b> , 7, 534	3.9	55
173	Remote sensing of biological soil crust under simulated climate change manipulations in the Mojave Desert. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 317-328	13.2	54
172	Image spectroscopy and stable isotopes elucidate functional dissimilarity between native and nonnative plant species in the aquatic environment. <i>New Phytologist</i> , <b>2012</b> , 193, 683-695	9.8	53
171	Remote sensing of canopy chemistry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 804-5	11.5	52
170	Modelling forest canopy height by integrating airborne LiDAR samples with satellite Radar and multispectral imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2018</b> , 66, 159-173	7.3	52
169	Detection of salt marsh vegetation stress and recovery after the Deepwater Horizon Oil Spill in Barataria Bay, Gulf of Mexico using AVIRIS data. <i>PLoS ONE</i> , <b>2013</b> , 8, e78989	3.7	51
168	Vegetation in deserts: II. Environmental influences on regional abundance. <i>Remote Sensing of Environment</i> , <b>1990</b> , 31, 27-52	13.2	51
167	Canopy clumping appraisal using terrestrial and airborne laser scanning. <i>Remote Sensing of Environment</i> , <b>2015</b> , 161, 78-88	13.2	49
166	Selective logging changes forest phenology in the Brazilian Amazon: Evidence from MODIS image time series analysis. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 2431-2440	13.2	48
165	Mapping mountain vegetation using species distribution modeling, image-based texture analysis, and object-based classification. <i>Applied Vegetation Science</i> , <b>2008</b> , 11, 499-508	3.3	47
164	Classification of benthic composition in a coral reef environment using spectral unmixing. <i>Journal of Applied Remote Sensing</i> , <b>2007</b> , 1, 011501	1.4	47
163	Multivariate statistical classification of soil spectra. <i>Remote Sensing of Environment</i> , <b>1996</b> , 57, 108-118	13.2	47
162	Remote Sensing of Soils in the Santa Monica Mountains. <i>Remote Sensing of Environment</i> , <b>1999</b> , 68, 138-151	13.2	44

161	Detecting diurnal and seasonal variation in canopy water content of nut tree orchards from airborne imaging spectroscopy data using continuous wavelet analysis. <i>Remote Sensing of Environment</i> , <b>2014</b> , 143, 39-53	13.2	43
160	Spectral characteristics of ozone-treated conifers. <i>Environmental and Experimental Botany</i> , <b>1990</b> , 30, 293-308	5.9	42
159	Prediction of leaf area index in almonds by vegetation indexes. <i>Computers and Electronics in Agriculture</i> , <b>2012</b> , 85, 24-32	6.5	40
158	A simple empirical model of salt marsh plant spatial distributions with respect to a tidal channel network. <i>Ecological Modelling</i> , <b>2001</b> , 139, 293-307	3	39
157	Detection of interannual vegetation responses to climatic variability using AVIRIS data in a coastal savanna in California. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2001</b> , 39, 1480-1490	8.1	38
156	Burned forest characterization at single-tree level with airborne laser scanning for assessing wildlife habitat. <i>Remote Sensing of Environment</i> , <b>2016</b> , 175, 231-241	13.2	37
155	Estimating canopy water content from spectroscopy. <i>Israel Journal of Plant Sciences</i> , <b>2012</b> , 60, 9-23	0.6	37
154	Mapping Downy Brome ( <i>Bromus tectorum</i> ) Using Multidate AVIRIS Data. <i>Weed Science</i> , <b>2008</b> , 56, 173-179		37
153	NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. <i>Remote Sensing of Environment</i> , <b>2021</b> , 257, 112349	13.2	37
152	Burned area mapping time series in Canada (1984-1999) from NOAA-AVHRR LTDR: A comparison with other remote sensing products and fire perimeters. <i>Remote Sensing of Environment</i> , <b>2012</b> , 117, 407-414	13.2	36
151	Remote estimation of vine canopy density in vertically shoot-positioned vineyards: determining optimal vegetation indices. <i>Australian Journal of Grape and Wine Research</i> , <b>2002</b> , 8, 117-125	2.4	36
150	The effects of temporally variable dispersal and landscape structure on invasive species spread <b>2010</b> , 20, 593-608		35
149	Assessing the Impact of Spatial Resolution on the Estimation of Leaf Nitrogen Concentration Over the Full Season of Paddy Rice Using Near-Surface Imaging Spectroscopy Data. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 964	6.2	35
148	Quantifying biomass consumption and carbon release from the California Rim fire by integrating airborne LiDAR and Landsat OLI data. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2017</b> , 122, 340-353	3.7	34
147	Leaf reflectance spectra capture the evolutionary history of seed plants. <i>New Phytologist</i> , <b>2020</b> , 228, 485-493	9.8	34
146	HIAPER: THE NEXT GENERATION NSF/NCAR RESEARCH AIRCRAFT. <i>Bulletin of the American Meteorological Society</i> , <b>2006</b> , 87, 896-910	6.1	34
145	Evaluating Endmember and Band Selection Techniques for Multiple Endmember Spectral Mixture Analysis using Post-Fire Imaging Spectroscopy. <i>Remote Sensing</i> , <b>2018</b> , 10, 389	5	33
144	Early fire detection using non-linear multitemporal prediction of thermal imagery. <i>Remote Sensing of Environment</i> , <b>2007</b> , 110, 18-28	13.2	33

143	Spectral and physiological uniqueness of perennial pepperweed ( <i>Lepidium latifolium</i> ). <i>Weed Science</i> , <b>2006</b> , 54, 1051-1062	2	33
142	The Effect of Submerged Aquatic Vegetation Expansion on a Declining Turbidity Trend in the Sacramento-San Joaquin River Delta. <i>Estuaries and Coasts</i> , <b>2016</b> , 39, 1100-1112	2.8	31
141	Investigation of leaf biochemistry by hierarchical foreground/background analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1998</b> , 36, 1913-1927	8.1	31
140	Oil detection in the coastal marshes of Louisiana using MESMA applied to band subsets of AVIRIS data. <i>Remote Sensing of Environment</i> , <b>2015</b> , 159, 222-231	13.2	30
139	Derivation of phenological metrics by function fitting to time-series of Spectral Shape Indexes AS1 and AS2: Mapping cotton phenological stages using MODIS time series. <i>Remote Sensing of Environment</i> , <b>2012</b> , 126, 148-159	13.2	30
138	Use of Hyperspectral Remote Sensing to Evaluate Efficacy of Aquatic Plant Management. <i>Invasive Plant Science and Management</i> , <b>2009</b> , 2, 216-229	1	30
137	Quantifying the spatial distribution of soil mass wasting processes after the 2008 earthquake in Wenchuan, China. <i>Remote Sensing of Environment</i> , <b>2010</b> , 114, 761-771	13.2	30
136	Classification of contamination in salt marsh plants using hyperspectral reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2004</b> , 42, 1088-1095	8.1	30
135	Land Cover Change Along Tropical and Subtropical Riparian Corridors Within the Makalu Barun National Park and Conservation Area, Nepal. <i>Mountain Research and Development</i> , <b>2001</b> , 21, 175-183	1.4	30
134	Improvement of Clay and Sand Quantification Based on a Novel Approach with a Focus on Multispectral Satellite Images. <i>Remote Sensing</i> , <b>2018</b> , 10, 1555	5	30
133	On timeliness and accuracy of wildfire detection by the GOES WF-ABBA algorithm over California during the 2006 fire season. <i>Remote Sensing of Environment</i> , <b>2012</b> , 127, 194-209	13.2	29
132	eDaRT: The Ecosystem Disturbance and Recovery Tracker system for monitoring landscape disturbances and their cumulative effects. <i>Remote Sensing of Environment</i> , <b>2020</b> , 238, 111482	13.2	29
131	Plant Water Relations in a San Francisco Bay Salt Marsh. <i>Botanical Gazette</i> , <b>1982</b> , 143, 368-373		28
130	Current and near-term advances in Earth observation for ecological applications. <i>Ecological Processes</i> , <b>2021</b> , 10, 1	3.6	28
129	Canopy structural attributes derived from AVIRIS imaging spectroscopy data in a mixed broadleaf/conifer forest. <i>Remote Sensing of Environment</i> , <b>2016</b> , 182, 208-226	13.2	26
128	Survival analysis of a neotropical rainforest using multitemporal satellite imagery. <i>Remote Sensing of Environment</i> , <b>2005</b> , 96, 202-211	13.2	26
127	Relationships Between Sunfleck Dynamics and Red Fir Seedling Distribution. <i>Ecology</i> , <b>1984</b> , 65, 1420-1428	1.6	26
126	Remote Sensing of Ecological Processes: A Strategy for Developing and Testing Ecological Models Using Spectral Mixture Analysis <b>1993</b> , 339-357		26



125	Impact of data model and point density on aboveground forest biomass estimation from airborne LiDAR. <i>Carbon Balance and Management</i> , <b>2017</b> , 12, 4	3.6	24
124	Detection of diurnal variation in orchard canopy water content using MODIS/ASTER airborne simulator (MASTER) data. <i>Remote Sensing of Environment</i> , <b>2013</b> , 132, 1-12	13.2	24
123	A step decrease in sediment concentration in a highly modified tidal river delta following the 1983 El Niño floods. <i>Marine Geology</i> , <b>2013</b> , 345, 304-313	3.3	24
122	Spectral reflectance characteristics of California subalpine marsh plant communities. <i>Wetlands</i> , <b>1998</b> , 18, 307-319	1.7	24
121	Arctic greening associated with lengthening growing seasons in Northern Alaska. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 125018	6.2	24
120	Plant community dynamics relative to the changing distribution of a highly invasive species, <i>Eichhornia crassipes</i> : a remote sensing perspective. <i>Biological Invasions</i> , <b>2012</b> , 14, 717-733	2.7	23
119	Burned area forecasting using past burned area records and Southern Oscillation Index for tropical Africa (1981-1999). <i>Remote Sensing of Environment</i> , <b>2007</b> , 107, 571-581	13.2	23
118	Globe-LFMC, a global plant water status database for vegetation ecophysiology and wildfire applications. <i>Scientific Data</i> , <b>2019</b> , 6, 155	8.2	22
117	Evaluated Crop Evapotranspiration over a Region of Irrigated Orchards with the Improved ACASA-WRF Model. <i>Journal of Hydrometeorology</i> , <b>2014</b> , 15, 744-758	3.7	21
116	Extrapolating Forest Canopy Fuel Properties in the California Rim Fire by Combining Airborne LiDAR and Landsat OLI Data. <i>Remote Sensing</i> , <b>2017</b> , 9, 394	5	21
115	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2012</b> , 5, 1572-1584	4.7	21
114	PESTICIDE OCCURRENCE IN GROUNDWATER IN TULARE COUNTY, CALIFORNIA. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 45, 101-127	3.1	21
113	Light-transmission Profiles in an Old-growth Forest Canopy: Simulations of Photosynthetically Active Radiation by Using Spatially Explicit Radiative Transfer Models. <i>Ecosystems</i> , <b>2004</b> , 7, 454	3.9	21
112	Assessing levee stability with geometric parameters derived from airborne LiDAR. <i>Remote Sensing of Environment</i> , <b>2012</b> , 117, 281-288	13.2	20
111	Least cost distance analysis for spatial interpolation. <i>Computers and Geosciences</i> , <b>2011</b> , 37, 272-276	4.5	20
110	Geostatistical scaling of canopy water content in a California salt marsh. <i>Landscape Ecology</i> , <b>1998</b> , 13, 79-92	4.3	20
109	Anisotropy of thermal infrared exitance in sunflower canopies. <i>Agricultural and Forest Meteorology</i> , <b>1989</b> , 48, 45-58	5.8	20
108	Leaf Optical Properties <b>2019</b> ,		20

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