E Raymond Hunt Jr

List of Publications by Year
in descending order

26 papers	2,370 citations	430874 18 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	2749 citing authors

#	Article	IF	Citations
1	Generalization of a Forest Ecosystem Process Model for Other Biomes, BIOME-BGC, and an Application for Global-Scale Models. , 1993, , 141-158.		448
2	Estimating near-infrared leaf reflectance from leaf structural characteristics. American Journal of Botany, 2001, 88, 278-284.	1.7	318
3	Measurement of leaf relative water content by infrared reflectance. Remote Sensing of Environment, 1987, 22, 429-435.	11.0	267
4	A global review of remote sensing of live fuel moisture content for fire danger assessment: Moving towards operational products. Remote Sensing of Environment, 2013, 136, 455-468.	11.0	251
5	Remote sensing of vegetation water content from equivalent water thickness using satellite imagery. Remote Sensing of Environment, 2008, 112, 2514-2522.	11.0	172
6	Global net carbon exchange and intra-annual atmospheric CO2concentrations predicted by an ecosystem process model and three-dimensional atmospheric transport model. Global Biogeochemical Cycles, 1996, 10, 431-456.	4.9	170
7	Relationship between woody biomass and PAR conversion efficiency for estimating net primary production from NDVI. International Journal of Remote Sensing, 1994, 15, 1725-1729.	2.9	96
8	An Improved ASTER Index for Remote Sensing of Crop Residue. Remote Sensing, 2009, 1, 971-991.	4.0	95
9	Vegetation water content during SMEX04 from ground data and Landsat 5 Thematic Mapper imagery. Remote Sensing of Environment, 2008, 112, 350-362.	11.0	91
10	Simulated Dry Matter Yields for Aspen and Spruce Stands in the North American Boreal Forest. Canadian Journal of Remote Sensing, 1992, 18, 126-133.	2.4	74
11	Remote sensing of fuel moisture content from ratios of narrow-band vegetation water and dry-matter indices. Remote Sensing of Environment, 2013, 129, 103-110.	11.0	64
12	Comparison of vegetation water contents derived from shortwave-infrared and passive-microwave sensors over central Iowa. Remote Sensing of Environment, 2011, 115, 2376-2383.	11.0	56
13	Airborne remote sensing of canopy water thickness scaled from leaf spectrometer data. International Journal of Remote Sensing, 1991, 12, 643-649.	2.9	49
14	Estimating canopy water content from spectroscopy. Israel Journal of Plant Sciences, 2012, 60, 9-23.	0.5	43
15	Comparison of Stocking Rates From Remote Sensing and Geospatial Data. Rangeland Ecology and Management, 2006, 59, 11-18.	2.3	37
16	Towards estimation of canopy foliar biomass with spectral reflectance measurements. Remote Sensing of Environment, 2011, 115, 836-840.	11.0	37
17	Feasibility of estimating leaf water content using spectral indices from WorldView-3â€™s near-infrared and shortwave infrared bands. International Journal of Remote Sensing, 2016, 37, 388-402.	2.9	34
18	Estimation of Carbon Sequestration by Combining Remote Sensing and Net Ecosystem Exchange Data for Northern Mixed-Grass Prairie and Sagebrushâ€“Steppe Ecosystems. Environmental Management, 2004, 33, S432-S441.	2.7	28

#	Article	IF	Citations
19	Estimating vegetation water content during the Soil Moisture Active Passive Validation Experiment 2016. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	19
20	Remote sensing of fuel moisture content from canopy water indices and normalized dry matter index. Journal of Applied Remote Sensing, 2012, 6, 061705.	1.3	9
21	Incorporation of Stem Water Content into Vegetation Optical Depth for Crops and Woodlands. Remote Sensing, 2018, 10, 273.	4.0	8
22	Remote Sensing of Leaf, Canopy, and Vegetation Water Contents for Satellite Environmental Data Records. , 2013, , 335-357.		3
23	Vegetation water content of crops and woodlands for improving soil moisture retrievals from coriolis windsat. , 2017, , .		1
24	Remote Sensing of Canopy Water Content During SMEX'04 and SMEX'05 Using Shortwave-Infrared Reflectances. , 2008, , .		0
25	Comparison of vegetation water content estimates from WindSAT AND MODIS. , 2010, , .		0
26	Regional Implications of the Throughfall Displacement Experiment on Forest Productivity. Ecological Studies, 2003, , 447-460.	1.2	0