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	Estimating vegetation water content during the Soil Moisture Active Passive Validation Experiment 2016. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	19
2	Incorporation of Stem Water Content into Vegetation Optical Depth for Crops and Woodlands. Remote Sensing, 2018, 10, 273.	4.0	8
3	Vegetation water content of crops and woodlands for improving soil moisture retrievals from coriolis windsat. , 2017, , .		1
4	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
5	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
6	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
7	Remote Sensing of Leaf, Canopy, and Vegetation Water Contents for Satellite Environmental Data Records. , 2013, , 335-357.		3
8	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
9	Estimating canopy water content from spectroscopy. Israel Journal of Plant Sciences, 2012, 60, 9-23.	0.5	43
10	Towards estimation of canopy foliar biomass with spectral reflectance measurements. Remote Sensing of Environment, 2011, 115, 836-840.	11.0	37
11	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
12	Comparison of vegetation water content estimates from WindSAT AND MODIS. , 2010, , .		0
13	An Improved ASTER Index for Remote Sensing of Crop Residue. Remote Sensing, 2009, 1, 971-991.	4.0	95
14	Remote sensing of vegetation water content from equivalent water thickness using satellite imagery. Remote Sensing of Environment, 2008, 112, 2514-2522.	11.0	172
15	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
16	Remote Sensing of Canopy Water Content During SMEX'04 and SMEX'05 Using Shortwave-Infrared Reflectances. , 2008, , .		0
17	Comparison of Stocking Rates From Remote Sensing and Geospatial Data. Rangeland Ecology and Management, 2006, 59, 11-18.	2.3	37
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	Regional Implications of the Throughfall Displacement Experiment on Forest Productivity. Ecological Studies, 2003, , 447-460.	1.2	0
20	Estimating near-infrared leaf reflectance from leaf structural characteristics. American Journal of Botany, 2001, 88, 278-284.	1.7	318
21	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
22	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
23	Generalization of a Forest Ecosystem Process Model for Other Biomes, BIOME-BGC, and an Application for Global-Scale Models. , 1993, , 141-158.		448
24	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
25	Airborne remote sensing of canopy water thickness scaled from leaf spectrometer data. International Journal of Remote Sensing, 1991, 12, 643-649.	2.9	49
26	Measurement of leaf relative water content by infrared reflectance. Remote Sensing of Environment, 1987, 22, 429-435.	11.0	267