John W Coulston

List of Publications by Year
in descending order

18 papers	1,226 citations	777949 13 h-index	993246 17 g-index
21 all docs	21 docs citations	21 times ranked	1707 citing authors

#	Article	IF	Citations
1	Estimating tree canopy cover using harmonic regression coefficients derived from multitemporal Landsat data. International Journal of Applied Earth Observation and Geoinformation, 2020, 86, 101985.	1.4	17
2	Estimation of Forest Disturbance from Retrospective Observations in a Broad-Scale Inventory. Forests, 2020, 11, 1298.	0.9	6
3	Improving the precision of dynamic forest parameter estimates using Landsat. Remote Sensing of Environment, 2016, 179, 162-169.	4.6	13
4	Random forests and stochastic gradient boosting for predicting tree canopy cover: comparing tuning processes and model performance. Canadian Journal of Forest Research, 2016, 46, 323-339.	0.8	113
5	Assessing Independent Variables Used in Econometric Modeling Forest Land Use or Land Cover Change: A Meta-Analysis. Forests, 2014, 5, 1532-1564.	0.9	0
6	Fitting the Multitemporal Curve: A Fourier Series Approach to the Missing Data Problem in Remote Sensing Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3340-3353.	2.7	100
7	Fragmentation of forest communities in the eastern United States. Forest Ecology and Management, 2012, 263, 85-93.	1.4	70
8	A primer for nonresponse in the US forest inventory and analysis program. Environmental Monitoring and Assessment, 2012, 184, 1423-1433.	1.3	26
9	Modeling Percent Tree Canopy Cover. Photogrammetric Engineering and Remote Sensing, 2012, 78, 715-727.	0.3	210
10	Status and future of the forest health indicators program of the USA. Environmental Monitoring and Assessment, 2011, 177, 419-436.	1.3	80
11	True versus perturbed forest inventory plot locations for modeling: a simulation study. Canadian Journal of Forest Research, 2006, 36, 801-807.	0.8	13
12	Preserving biodiversity under current and future climates: a case study. Global Ecology and Biogeography, 2005, 14, 31-38.	2.7	17
13	Hot Spots of Perforated Forest in the Eastern United States. Environmental Management, 2005, 35, 483-492.	1.2	43
14	A Preliminary Assessment of Montréal Process Indicators of Forest Fragmentation for the United States. Environmental Monitoring and Assessment, 2004, 91, 257-276.	1.3	41
15	A Preliminary Assessment of the Montréal Process Indicators of Air Pollution for the United States. Environmental Monitoring and Assessment, 2004, 95, 57-74.	1.3	10
16	Regional assessment of ozone sensitive tree species using bioindicator plants. Environmental Monitoring and Assessment, 2003, 83, 113-127.	1.3	49
17	Geographic Analysis of Forest Health Indicators Using Spatial Scan Statistics. Environmental Management, 2003, 31, 764-773.	1.2	54
18	Fragmentation of Continental United States Forests. Ecosystems, 2002, 5, 815-822.	1.6	302