John F Weishampel

List of Publications by Year
in descending order

33 papers	2,172 citations	279798 23 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	2555 citing authors

#	Article	IF	Citations
1	Estimation of tropical forest structural characteristics using large-footprint lidar. Remote Sensing of Environment, 2002, 79, 305-319.	11.0	555
2	Airborne LiDAR, archaeology, and the ancient Maya landscape at Caracol, Belize. Journal of Archaeological Science, 2011, 38, 387-398.	2.4	392
3	Earlier nesting by loggerhead sea turtles following sea surface warming. Global Change Biology, 2004, 10, 1424-1427.	9.5	155
4	A coupled, two-dimensional hydrodynamic-marsh model with biological feedback. Ecological Modelling, 2016, 327, 29-43.	2.5	85
5	Ancient Maya Regional Settlement and Inter-Site Analysis: The 2013 West-Central Belize LiDAR Survey. Remote Sensing, 2014, 6, 8671-8695.	4.0	74
6	Spatiotemporal patterns of annual sea turtle nesting behaviors along an East Central Florida beach. Biological Conservation, 2003, 110, 295-303.	4.1	71
7	Coastal wetland response to sea€level rise in a fluvial estuarine system. Earth's Future, 2016, 4, 483-497.	6.3	71
8	The Use of LiDAR in Understanding the Ancient Maya Landscape. Advances in Archaeological Practice, 2014, 2, 208-221.	1.2	65
9	Pantropical dynamics of â€˜intactâ€™ rain forest canopy texture. Global Ecology and Biogeography, 2001, 10, 389-397.	5.8	59
10	Adjusting Lidar-Derived Digital Terrain Models in Coastal Marshes Based on Estimated Aboveground Biomass Density. Remote Sensing, 2015, 7, 3507-3525.	4.0	56
11	Structural diversity indices based on airborne LiDAR as ecological indicators for managing highly dynamic landscapes. Ecological Indicators, 2015, 57, 268-279.	6.3	52
12	Modeling and mapping isotopic patterns in the Northwest Atlantic derived from loggerhead sea turtles. Ecosphere, 2014, 5, 1-24.	2.2	46
13	Forest canopy recovery from the 1938 hurricane and subsequent salvage damage measured with airborne LiDAR. Remote Sensing of Environment, 2007, 109, 142-153.	11.0	45
14	Quantifying Ancient Maya Land Use Legacy Effects on Contemporary Rainforest Canopy Structure. Remote Sensing, 2014, 6, 10716-10732.	4.0	44
15	Foraging and recruitment hotspot dynamics for the largest Atlantic loggerhead turtle rookery. Scientific Reports, 2017, 7, 16894.	3.3	43
16	Multifractal analysis of canopy height measures in a longleaf pine savanna. Forest Ecology and Management, 2000, 128, 121-127.	3.2	40
17	Spatial pattern analysis of pre- and post-hurricane forest canopy structure in North Carolina, USA. Landscape Ecology, 2003, 18, 553-559.	4.2	35
18	Sea-Level Rise Impact on a Salt Marsh System of the Lower St. Johns River. Journal of Waterway, Port, Coastal and Ocean Engineering, 2013, 139, 118-125.	1.2	35

#	Article	IF	Citations
19	Sea turtle nesting patterns in Florida visàvis satellitederived measures of artificial lighting. Remote Sensing in Ecology and Conservation, 2016, 2, 59-72.	4.3	32
20	Effects of future sea level rise on coastal habitat. Journal of Wildlife Management, 2019, 83, 694-704.	1.8	32
21	Use of Airborne LiDAR to Delineate Canopy Degradation and Encroachment along the Guatemala-Belize Border. Tropical Conservation Science, 2012, 5, 12-24.	1.2	28
22	Forest textural properties from simulated microwave backscatter: The influence of spatial resolution. Remote Sensing of Environment, 1994, 47, 120-131.	11.0	25
23	LiDAR-derived measures of hurricane- and restoration-generated beach morphodynamics in relation to sea turtle nesting behaviour. International Journal of Remote Sensing, 2011, 32, 231-241.	2.9	24
24	Quantifying spatial structure of volumetric neutral models. Ecological Modelling, 2005, 186, 312-325.	2.5	23
25	Portable and Airborne Small Footprint LiDAR: Forest Canopy Structure Estimation of Fire Managed Plots. Remote Sensing, 2011, 3, 1284-1307.	4.0	18
26	Quantifying the impacts of future sea level rise on nesting sea turtles in the southeastern United States. Ecological Applications, 2020, 30, e02100.	3.8	17
27	MULTIPLE SOURCE POOLS AND DISPERSAL BARRIERS FOR GALÃPAGOS PLANT SPECIES DISTRIBUTION. Ecology, 2000, 81, 893-898.	3.2	12
28	A Random Forest Model Based on Lidar and Field Measurements for Parameterizing Surface Roughness in Coastal Modeling. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1582-1590.	4.9	9
29	Suspended sediment projections in Apalachicola Bay in response to altered river flow and sediment loads under climate change and sea level rise. Earth's Future, 2016, 4, 428-439.	6.3	9
30	Remote sensing of live and dead intertidal oyster reefs using aerial photo interpretation in Northeast Florida. Journal of Coastal Conservation, 2020, 24, 1.	1.6	8
31	Title is missing!. Landscape Ecology, 1999, 14, 121-135.	4.2	6
32	Scaling lidar-derived rainforest canopy metrics across a Mesoamerican landscape. International Journal of Remote Sensing, 2019, 40, 9181-9207.	2.9	5
33	Why do sea turtle nests fail? Modeling clutch loss across the southeastern United States. Ecosphere, 2022, 13, .	2.2	1