Stacy A C Nelson

List of Publications by Year
in descending order

37 papers	536 citations	932766 10 h-index	676716 22 g-index
40 all docs	40 docs citations	40 times ranked	759 citing authors

#	Article	IF	Citations
1	Inter‐Basin Transfers Extend the Benefits of Water From Forests to Population Centers Across the Conterminous U.S.. Water Resources Research, 2022, 58, .	1.7	8
2	Forested lands dominate drinking water supply in the conterminous United States. Environmental Research Letters, 2021, 16, 084008.	2.2	34
3	Recent Immigrant Insect Fauna—Another Look at a Classic Analysis. Journal of Integrated Pest Management, 2021, 12, .	0.9	0
4	Terrestrial Protected Areas and Food Security: A Systematic Review of Research Approaches. Environments - MDPI, 2020, 7, 83.	1.5	9
5	Migratory gauntlets on oceanic islands: Watershed disturbance increases the cost of amphidromy. Ecology of Freshwater Fish, 2019, 28, 446-458.	0.7	6
6	Using regional scale flow–ecology modeling to identify catchments where fish assemblages are most vulnerable to changes in water availability. Freshwater Biology, 2018, 63, 928-945.	1.2	21
7	Fundamentals of Remote Sensing Imaging and Preliminary Analysis. , 2017, , 981-1016.		0
8	Spread of common native and invasive grasses and ruderal trees following anthropogenic disturbances in a tropical dry forest. Ecological Processes, 2017, 6, .	1.6	1
9	Processing and Applications of Remotely Sensed Data. , 2017, , 1017-1046.		1
10	Comparison of Visual Survey and Mark–Recapture Population Estimates of a Benthic Fish in Hawaii. Transactions of the American Fisheries Society, 2016, 145, 878-887.	0.6	6
11	Tissue Extraction Methods for Metabolic Profiling of a Freshwater Bivalve,<i>Elliptio complanata</i>(Lightfoot, 1786). American Malacological Bulletin, 2016, 33, 185-194.	0.2	3
12	Principles of Applied Remote Sensing. , 2016, , .		27
13	Fundamentals of Remote Sensing Imaging and Preliminary Analysis. , 2016, , 1-36.		0
14	Processing and Applications of Remotely Sensed Data. , 2016, , 1-30.		0
15	Data Processing Tools. , 2016, , 69-124.		0
16	Use of Limited Data to Model Lake Water Clarity from Remote Sensed Data in Lake Mattamuskeet, North Carolina. Journal of Earth Science Research, 2016, , 43-54.	0.1	0
17	Predicting fine‐scale distributions of peripheral aquatic species in headwater streams. Ecology and Evolution, 2015, 5, 152-163.	0.8	9
18	Continental U.S. streamflow trends from 1940 to 2009 and their relationships with watershed spatial characteristics. Water Resources Research, 2015, 51, 6262-6275.	1.7	64

#	Article	IF	Citations
19	Key metabolites in tissue extracts of *Elliptio complanata* identified using ^{1}H nuclear magnetic resonance spectroscopy. , 2015, 3, cov023.		8
20	A comparison of hydrologic models for ecological flows and water availability. Ecohydrology, 2015, 8, 1525-1546.	1.1	62
21	Digital Image Acquisition: Preprocessing and Data Reduction. , 2013, , 809-837.		3
22	Digital Image Processing: Post-processing and Data Integration. , 2013, , 839-864.		3
23	Using Remote Sensing for Terrestrial Applications. SpringerBriefs in Space Development, 2012, , 63-80.	0.1	0
24	Application of GIS Techniques for Developing a Fish Index of Biotic Integrity for an Ecoregion with Low Species Richness. Southeastern Naturalist, 2012, 11, 711-732.	0.2	6
25	Data Processing Tools. SpringerBriefs in Space Development, 2012, , 39-62.	0.1	1
26	Data Acquisition. SpringerBriefs in Space Development, 2012, , 17-37.	0.1	1
27	Using Remote Sensing in Atmospheric Applications. SpringerBriefs in Space Development, 2012, , 81-94.	0.1	0
28	Oceanographic and Planetary Applications. SpringerBriefs in Space Development, 2012, , 95-112.	0.1	0
29	International Agreements and Policies. SpringerBriefs in Space Development, 2012, , 113-124.	0.1	0
30	The influence of land cover composition and groundwater on thermal habitat availability for brook charr (*Salvelinus fontinalis*) populations in the United States of America. Ecology of Freshwater Fish, 2011, 20, 431-437.	0.7	10
31	High-resolution land cover change detection based on fuzzy uncertainty analysis and change reasoning. International Journal of Remote Sensing, 2010, 31, 455-475.	1.3	25
32	An Object Extraction Approach for Impervious Surface Classification with Very-High-Resolution Imagery. Professional Geographer, 2009, 61, 250-264.	1.0	19
33	Per-pixel Classification of High Spatial Resolution Satellite Imagery for Urban Land-cover Mapping. Photogrammetric Engineering and Remote Sensing, 2008, 74, 463-471.	0.3	41
34	Satellite remote sensing of freshwater macrophytes and the influence of water clarity. Aquatic Botany, 2006, 85, 289-298.	0.8	40
35	Correspondence analysis for detecting land cover change. Remote Sensing of Environment, 2006, 102, 306-317.	4.6	77
36	Land-Cover Change in Upper Barataria Basin Estuary, Louisiana, 1972-1992: Increases in Wetland Area. Environmental Management, 2002, 29, 716-727.	1.2	34

#	Article	IF	Citations
37	Image Processing and Data Analysis with ERDAS IMAGINEÂ®. , 0, , .		5