Shruti Khanna

List of Publications by Year
in descending order

27 papers	1,015 citations	567281 15 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	1264 citing authors

#	ARTICLE	IF	CITATIONS
1	Genus-Level Mapping of Invasive Floating Aquatic Vegetation Using Sentinel-2 Satellite Remote Sensing. Remote Sensing, 2022, 14, 3013.	4.0	9
2	Efficacy and Fate of Fluridone Applications for Control of Invasive Submersed Aquatic Vegetation in the Estuarine Environment of the Sacramento-San Joaquin Delta. Estuaries and Coasts, 2022, 45, 1842-1860.	2.2	1
3	Resistance and resilience of pelagic and littoral fishes to drought in the San Francisco Estuary. Ecological Applications, 2021, 31, e02243.	3.8	10
4	Carbon storage and sediment trapping by Egeria densa Planch., a globally invasive, freshwater macrophyte. Science of the Total Environment, 2021, 755, 142602.	8.0	13
5	Performance and Feasibility of Drone-Mounted Imaging Spectroscopy for Invasive Aquatic Vegetation Detection. Remote Sensing, 2021, 13, 582.	4.0	13
6	Remote Detection of Invasive Alien Species. , 2020, , 267-307.		17
7	Impacts of water hyacinth treatment on water quality in a tidal estuarine environment. Biological Invasions, 2019, 21, 3479-3490.	2.4	23
8	Effects of Drought and the Emergency Drought Barrier on the Ecosystem of the California Delta. San Francisco Estuary and Watershed Science, 2019, 17, .	0.4	10
9	Water primrose invasion changes successional pathways in an estuarine ecosystem. Ecosphere, 2018, 9, e02418.	2.2	18
10	Comparing the Potential of Multispectral and Hyperspectral Data for Monitoring Oil Spill Impact. Sensors, 2018, 18, 558.	3.8	26
11	Invasive Aquatic Vegetation Management in the Sacramento–San Joaquin River Delta: Status and Recommendations. San Francisco Estuary and Watershed Science, 2017, 15, .	0.4	11
12	Marsh Loss Due to Cumulative Impacts of Hurricane Isaac and the Deepwater Horizon Oil Spill in Louisiana. Remote Sensing, 2017, 9, 169.	4.0	11
13	Vegetation Impact and Recovery from Oil-Induced Stress on Three Ecologically Distinct Wetland Sites in the Gulf of Mexico. Journal of Marine Science and Engineering, 2016, 4, 33.	2.6	16
14	Mapping changing distributions of dominant species in oil-contaminated salt marshes of Louisiana using imaging spectroscopy. Remote Sensing of Environment, 2016, 182, 192-207.	11.0	19
15	Measuring landscape‐scale spread and persistence of an invaded submerged plant community from airborne remote sensing. Ecological Applications, 2016, 26, 1733-1744.	3.8	22
16	Spectroscopic remote sensing of the distribution and persistence of oil from the Deepwater Horizon spill in Barataria Bay marshes. Remote Sensing of Environment, 2013, 129, 210-230.	11.0	115
17	Detection of Salt Marsh Vegetation Stress and Recovery after the Deepwater Horizon Oil Spill in Barataria Bay, Gulf of Mexico Using AVIRIS Data. PLoS ONE, 2013, 8, e78989.	2.5	59
18	Derivation of phenological metrics by function fitting to time-series of Spectral Shape Indexes AS1 and AS2: Mapping cotton phenological stages using MODIS time series. Remote Sensing of Environment, 2012, 126, 148-159.	11.0	35

#	Article	IF	Citations
19	Image spectroscopy and stable isotopes elucidate functional dissimilarity between native and nonnative plant species in the aquatic environment. New Phytologist, 2012, 193, 683-695.	7.3	65
20	Plant community dynamics relative to the changing distribution of a highly invasive species, Eichhornia crassipes: a remote sensing perspective. Biological Invasions, 2012, 14, 717-733.	2.4	33
21	An integrated approach to a biophysiologically based classification of floating aquatic macrophytes. International Journal of Remote Sensing, 2011, 32, 1067-1094.	2.9	68
22	Use of Hyperspectral Remote Sensing to Evaluate Efficacy of Aquatic Plant Management. Invasive Plant Science and Management, 2009, 2, 216-229.	1.1	33
23	Identification of invasive vegetation using hyperspectral remote sensing in the California Delta ecosystem. Remote Sensing of Environment, 2008, 112, 4034-4047.	11.0	272
24	Mapping Wetlands Cover Types with Directional Polarization Signatures. , 2008, , .		0
25	Development of angle indexes for soil moisture estimation, dry matter detection and land-cover discrimination. Remote Sensing of Environment, 2007, 109, 154-165.	11.0	102
26	Impact of pixel size on mapping surface water in subsolar imagery. Remote Sensing of Environment, 2007, 109, 1-9.	11.0	8
27	Identifying and classifying water hyacinth (Eichhornia crassipes) using the HyMap sensor. , 2006, 6298, 35.		4