

Surya Prakash Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

211
citations

1040056

9
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the Potential Dam Sites to Avert the Risk of Catastrophic Floods in the Jhelum Basin, Kashmir, NW Himalaya, India. Remote Sensing, 2022, 14, 1538.	4.0	21
2	Water-Energy-Food Nexus Approach to Assess Crop Trading in Saudi Arabia. Sustainability, 2022, 14, 3494.	3.2	6
3	Large-Scale Debris Cover Glacier Mapping Using Multisource Object-Based Image Analysis Approach. Remote Sensing, 2022, 14, 3202.	4.0	9
4	Modeling ocean surface chlorophyll-a concentration from ocean color remote sensing reflectance in global waters using machine learning. Science of the Total Environment, 2022, 844, 157191.	8.0	13
5	Climate Change Mitigation Pathways for the Aviation Sector. Sustainability, 2021, 13, 3656.	3.2	28
6	Hybrid Inversion Algorithms for Retrieval of Absorption Subcomponents from Ocean Colour Remote Sensing Reflectance. Remote Sensing, 2021, 13, 1726.	4.0	1
7	An Assessment of the Hydrological Trends Using Synergistic Approaches of Remote Sensing and Model Evaluations over Global Arid and Semi-Arid Regions. Remote Sensing, 2020, 12, 3973.	4.0	10
8	Synergistic Use of Remote Sensing and Modeling for Estimating Net Primary Productivity in the Red Sea With VGPM, Eppley-VGPM, and CbPM Models Intercomparison. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8717-8734.	6.3	8
9	Characterization of light absorption by chromophoric dissolved organic matter (CDOM) in the upper layer of the Red Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 133, 72-84.	1.4	9
10	Seasonal variability in bio-optical properties along the coastal waters off Cochin. International Journal of Applied Earth Observation and Geoinformation, 2018, 66, 184-195.	2.8	10
11	Particulate absorption properties in the Red Sea from hyperspectral particulate absorption spectra. Remote Sensing Applications: Society and Environment, 2018, 10, 70-81.	1.5	1
12	An Optical Algorithm to Estimate Downwelling Diffuse Attenuation Coefficient in the Red Sea. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7174-7182.	6.3	9
13	Evaluation of downwelling diffuse attenuation coefficient algorithms in the Red Sea. , 2016, , .		0
14	Multi-band algorithms for the estimation of chlorophyll concentration in the Chesapeake Bay. , 2015, , .		0
15	An Evaluation of Models for the Satellite-Estimation of Phytoplankton Absorption Coefficients in Coastal/ Oceanic Waters. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 364-371.	4.9	7
16	A Robust Algorithm to Determine Diffuse Attenuation Coefficient of Downwelling Irradiance From Satellite Data in Coastal Oceanic Waters. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1616-1622.	4.9	10
17	An optical model for deriving the spectral particulate backscattering coefficients in oceanic waters. Ocean Science, 2013, 9, 987-1001.	3.4	17
18	AN EVALUATION OF MODIS/AQUA BIO-OPTICAL ALGORITHMS IN ARCTIC WATERS. Environmental Engineering and Management Journal, 2013, 12, 2219-2232.	0.6	2

#	ARTICLE	IF	CITATIONS
19	An Optical Model for the Remote-Sensing of Absorption Coefficients of Phytoplankton in Oceanic/Coastal Waters. <i>Advances in Remote Sensing</i> , 2012, 01, 19-34.	0.9	5
20	An optical model for the remote sensing of coloured dissolved organic matter in coastal/ocean waters. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 93, 396-402.	2.1	45