

Surya Prakash Tiwari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1836669/publications.pdf>

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

#	ARTICLE	IF	CITATIONS
19	Multi-band algorithms for the estimation of chlorophyll concentration in the Chesapeake Bay. , 2015, ,		0
20	Evaluation of downwelling diffuse attenuation coefficient algorithms in the Red Sea. , 2016, ,		0