Majid Nazeer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6047295/publications.pdf

Version: 2024-02-01

59	2,197	218677	233421
papers	citations	26	45
		h-index	g-index

60	60	60	1881
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Simplified high resolution MODIS Aerosol Retrieval Algorithm (SARA) for use over mixed surfaces. Remote Sensing of Environment, 2013, 136, 135-145.	11.0	143
2	Agricultural intensification and damages to human health in relation to agrochemicals: Application of artificial intelligence. Land Use Policy, 2019, 83, 461-474.	5.6	139
3	Evaluation of atmospheric correction models and Landsat surface reflectance product in an urban coastal environment. International Journal of Remote Sensing, 2014, 35, 6271-6291.	2.9	126
4	High-Resolution Satellite Mapping of Fine Particulates Based on Geographically Weighted Regression. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 495-499.	3.1	126
5	Comparison of Machine Learning Algorithms for Retrieval of Water Quality Indicators in Case-II Waters: A Case Study of Hong Kong. Remote Sensing, 2019, 11, 617.	4.0	119
6	Evaluation of MODIS aerosol retrieval algorithms over the Beijingâ€Tianjinâ€Hebei region during low to very high pollution events. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7941-7957.	3.3	103
7	Validation of MODIS 3 km Resolution Aerosol Optical Depth Retrievals Over Asia. Remote Sensing, 2016, 8, 328.	4.0	103
8	Validation of Aqua-MODIS C051 and C006 Operational Aerosol Products Using AERONET Measurements Over Pakistan. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2074-2080.	4.9	85
9	Validation and accuracy assessment of a Simplified Aerosol Retrieval Algorithm (SARA) over Beijing under low and high aerosol loadings and dust storms. Remote Sensing of Environment, 2014, 153, 50-60.	11.0	80
10	New customized methods for improvement of the MODIS C6 Dark Target and Deep Blue merged aerosol product. Remote Sensing of Environment, 2017, 197, 115-124.	11.0	79
11	Air pollution scenario over Pakistan: Characterization and ranking of extremely polluted cities using long-term concentrations of aerosols and trace gases. Remote Sensing of Environment, 2021, 264, 112617.	11.0	79
12	Air Pollution Scenario over China during COVID-19. Remote Sensing, 2020, 12, 2100.	4.0	68
13	Development and application of a remote sensing-based Chlorophyll-a concentration prediction model for complex coastal waters of Hong Kong. Journal of Hydrology, 2016, 532, 80-89.	5.4	67
14	A Simplified and Robust Surface Reflectance Estimation Method (SREM) for Use over Diverse Land Surfaces Using Multi-Sensor Data. Remote Sensing, 2019, 11, 1344.	4.0	58
15	A New Approach for Estimation of Fine Particulate Concentrations Using Satellite Aerosol Optical Depth and Binning of Meteorological Variables. Aerosol and Air Quality Research, 2017, 17, 356-367.	2.1	51
16	Global Validation of MODIS C6 and C6.1 Merged Aerosol Products over Diverse Vegetated Surfaces. Remote Sensing, 2018, 10, 475.	4.0	50
17	A New MODIS C6 Dark Target and Deep Blue Merged Aerosol Product on a 3 km Spatial Grid. Remote Sensing, 2018, 10, 463.	4.0	47
18	An operational MODIS aerosol retrieval algorithm at high spatial resolution, and its application over a complex urban region. Atmospheric Research, 2011, 99, 579-589.	4.1	43

#	Article	IF	Citations
19	Classification of aerosols over Saudi Arabia from 2004â€“2016. Atmospheric Environment, 2020, 241, 117785.	4.1	41
20	Evaluation of Terra-MODIS C6 and C6.1 Aerosol Products against Beijing, XiangHe, and Xinglong AERONET Sites in China during 2004-2014. Remote Sensing, 2019, 11, 486.	4.0	39
21	Coastline Vulnerability Assessment through Landsat and Cubesats in a Coastal Mega City. Remote Sensing, 2020, 12, 749.	4.0	34
22	Validation of MODIS and VIIRS derived aerosol optical depth over complex coastal waters. Atmospheric Research, 2017, 186, 43-50.	4.1	33
23	A new approach for the estimation of phytoplankton cell counts associated with algal blooms. Science of the Total Environment, 2017, 590-591, 125-138.	8.0	32
24	Empirical estimation of suspended solids concentration in the Indus Delta Region using Landsat-7 ETM+ imagery. Journal of Environmental Management, 2018, 209, 254-261.	7.8	32
25	Combining Landsat TM/ETM+ and HJ-1 A/B CCD Sensors for Monitoring Coastal Water Quality in Hong Kong. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1898-1902.	3.1	28
26	Evaluation of the NDVI-Based Pixel Selection Criteria of the MODIS C6 Dark Target and Deep Blue Combined Aerosol Product. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3448-3453.	4.9	26
27	Evaluation of Ordinary Least Square (OLS) and Geographically Weighted Regression (GWR) for Water Quality Monitoring: A Case Study for the Estimation of Salinity. Journal of Ocean University of China, 2018, 17, 305-310.	1.2	26
28	Evaluation of Empirical and Machine Learning Algorithms for Estimation of Coastal Water Quality Parameters. ISPRS International Journal of Geo-Information, 2017, 6, 360.	2.9	25
29	Evaluation and comparison of CMIP6 models and MERRA-2 reanalysis AOD against Satellite observations from 2000 to 2014 over China. Geoscience Frontiers, 2022, 13, 101325.	8.4	25
30	Improved water quality retrieval by identifying optically unique water classes. Journal of Hydrology, 2016, 541, 1119-1132.	5.4	23
31	Evaluation of atmospheric correction methods for low to high resolutions satellite remote sensing data. Atmospheric Research, 2021, 249, 105308.	4.1	23
32	Landsat ETM+ Secchi Disc Transparency (SDT) retrievals for Rawal Lake, Pakistan. Advances in Space Research, 2015, 56, 1428-1440.	2.6	22
33	Characteristics of Fine Particulate Matter (PM2.5) over Urban, Suburban, and Rural Areas of Hong Kong. Atmosphere, 2019, 10, 496.	2.3	22
34	Spatial and Temporal Variability of Open-Ocean Barrier Islands along the Indus Delta Region. Remote Sensing, 2019, 11, 437.	4.0	18
35	Mapping and assessment of impacts of cold and frost on secondary forest in the marginally tropical landscape of Hong Kong. Agricultural and Forest Meteorology, 2017, 232, 543-549.	4.8	15
36	Spatial and environmental constraints on natural forest regeneration in the degraded landscape of Hong Kong. Science of the Total Environment, 2021, 752, 141760.	8.0	15

#	Article	IF	Citations
37	Estimation of surface deformation due to Pasni earthquake using RADAR interferometry. Geocarto International, 2021, 36, 1630-1645.	3.5	12
38	Trends in vegetation productivity related to climate change in Chinaâ€™s Pearl River Delta. PLoS ONE, 2021, 16, e0245467.	2.5	12
39	Integration of Surface Reflectance and Aerosol Retrieval Algorithms for Multi-Resolution Aerosol Optical Depth Retrievals over Urban Areas. Remote Sensing, 2022, 14, 373.	4.0	11
40	Spatiotemporal changes in aerosols over Bangladesh using 18 years of MODIS and reanalysis data. Journal of Environmental Management, 2022, 315, 115097.	7.8	11
41	Assessment of aerosol optical properties using remote sensing over highly urbanised twin cities of Pakistan. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 173, 37-49.	1.6	9
42	A Spatio-Temporal Analysis of Rainfall and Drought Monitoring in the Tharparkar Region of Pakistan. Remote Sensing, 2020, 12, 580.	4.0	9
43	NDVI and Fluorescence Indicators of Seasonal and Structural Changes in a Tropical Forest Succession. Earth Systems and Environment, 2021, 5, 127-133.	6.2	9
44	First Experiences with the Landsat-8 Aquatic Reflectance Product: Evaluation of the Regional and Ocean Color Algorithms in a Coastal Environment. Remote Sensing, 2020, 12, 1938.	4.0	8
45	Spatiotemporal variability of secchi depths of the North Arabian Gulf over the last two decades. Estuarine, Coastal and Shelf Science, 2021, 260, 107487.	2.1	8
46	Uncertainty in Aqua-MODIS Aerosol Retrieval Algorithms During COVID-19 Lockdown. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	8
47	Assessment the Influence of Climate and Human Activities in Vegetation Degradation using GIS and Remote Sensing Techniques. Contemporary Problems of Ecology, 2020, 13, 685-693.	0.7	8
48	Unveiling Falling Urban Trees before and during Typhoon Higos (2020): Empirical Case Study of Potential Structural Failure Using Tilt Sensor. Forests, 2022, 13, 359.	2.1	7
49	Selection of atmospheric correction method and estimation of Chlorophyll-a (Chl-a) in coastal waters of Hong Kong. , 2014, , .		6
50	ESTIMATION OF SURFACE DEFORMATION DUE TO PASNI EARTHQUAKE USING SAR INTERFEROMETRY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3, 23-29.	0.2	6
51	Aerosol Optical Properties and Contribution to Differentiate Haze and Haze-Free Weather in Wuhan City. Atmosphere, 2020, 11, 322.	2.3	5
52	Fine Resolution Air Quality Monitoring from a Small Satellite: CHRIS/PROBA. Sensors, 2008, 8, 7581-7595.	3.8	4
53	Evaluating Plantation Forest vs. Natural Forest Regeneration for Biodiversity Enhancement in Hong Kong. Forests, 2021, 12, 593.	2.1	4
54	Identification and mapping of coral reefs using Landsat 8 OLI in Astola Island, Pakistan coastal ocean. , 2018, , .		3

#	Article	IF	Citations
55	Climatic Characteristics and Modeling Evaluation of Pan Evapotranspiration over Henan Province, China. Land, 2020, 9, 229.	2.9	3
56	Remote Sensing of Narrowing Barrier Islands along the Coast of Pakistan over Past 30 Years. Journal of Marine Science and Engineering, 2021, 9, 295.	2.6	3
57	Modeling of Chlorophyll-a concentration for the coastal waters of Hong Kong. , 2015, , .		2
58	Modeling Secchi Disk Depth Over the North Arabian Gulf Waters Using MODIS and MERIS Images. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2022, 90, 177-189.	1.1	2
59	Assessing the spatial distribution and impacts of recent oil spill along the Western Coast of Karachi, Pakistan. Geocarto International, 0, , 1-21.	3.5	0