# Majid Nazeer

## List of Publications by Year in descending order

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|---|---|---|---|
| 59 papers | 2,197 citations | 218677<br>26 h-index | 233421<br>45 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 1881 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Uncertainty in Aqua-MODIS Aerosol Retrieval Algorithms During COVID-19 Lockdown. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 8 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Spatiotemporal changes in aerosols over Bangladesh using 18 years of MODIS and reanalysis data. Journal of Environmental Management, 2022, 315, 115097. | 7.8 | 11 |
| 7 | Estimation of surface deformation due to Pasni earthquake using RADAR interferometry. Geocarto International, 2021, 36, 1630-1645. | 3.5 | 12 |
| 8 | 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 |
| 9 | Evaluation of atmospheric correction methods for low to high resolutions satellite remote sensing data. Atmospheric Research, 2021, 249, 105308. | 4.1 | 23 |
| 10 | 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 |
| 11 | Trends in vegetation productivity related to climate change in China's Pearl River Delta. PLoS ONE, 2021, 16, e0245467. | 2.5 | 12 |
| 12 | 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 |
| 13 | Evaluating Plantation Forest vs. Natural Forest Regeneration for Biodiversity Enhancement in Hong Kong. Forests, 2021, 12, 593. | 2.1 | 4 |
| 14 | 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 |
| 15 | 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 |
| 16 | Classification of aerosols over Saudi Arabia from 2004–2016. Atmospheric Environment, 2020, 241, 117785. | 4.1 | 41 |
| 17 | Climatic Characteristics and Modeling Evaluation of Pan Evapotranspiration over Henan Province, China. Land, 2020, 9, 229. | 2.9 | 3 |
| 18 | Coastline Vulnerability Assessment through Landsat and Cubesats in a Coastal Mega City. Remote Sensing, 2020, 12, 749. | 4.0 | 34 |

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|---|---------|-----|-----------|
| 19 | 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 |
| 20 | Air Pollution Scenario over China during COVID-19. Remote Sensing, 2020, 12, 2100. | 4.0 | 68 |
| 21 | A Spatio-Temporal Analysis of Rainfall and Drought Monitoring in the Tharparkar Region of Pakistan. Remote Sensing, 2020, 12, 580. | 4.0 | 9 |
| 22 | Aerosol Optical Properties and Contribution to Differentiate Haze and Haze-Free Weather in Wuhan City. Atmosphere, 2020, 11, 322. | 2.3 | 5 |
| 23 | 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 |
| 24 | Characteristics of Fine Particulate Matter (PM2.5) over Urban, Suburban, and Rural Areas of Hong Kong. Atmosphere, 2019, 10, 496. | 2.3 | 22 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Spatial and Temporal Variability of Open-Ocean Barrier Islands along the Indus Delta Region. Remote Sensing, 2019, 11, 437. | 4.0 | 18 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Identification and mapping of coral reefs using Landsat 8 OLI in Astola Island, Pakistan coastal ocean. , 2018, , . | | 3 |
| 34 | Global Validation of MODIS C6 and C6.1 Merged Aerosol Products over Diverse Vegetated Surfaces. Remote Sensing, 2018, 10, 475. | 4.0 | 50 |
| 35 | 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 |
| 36 | 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 |

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|---|---------|----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Validation of MODIS and VIIRS derived aerosol optical depth over complex coastal waters. Atmospheric Research, 2017, 186, 43-50. | 4.1 | 33 |
| 41 | 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 |
| 42 | 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 |
| 43 | Validation of MODIS 3 km Resolution Aerosol Optical Depth Retrievals Over Asia. Remote Sensing, 2016, 8, 328. | 4.0 | 103 |
| 44 | Improved water quality retrieval by identifying optically unique water classes. Journal of Hydrology, 2016, 541, 1119-1132. | 5.4 | 23 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | Evaluation of MODIS aerosol retrieval algorithms over the Beijing–Tianjin–Hebei region during low to very high pollution events. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7941-7957. | 3.3 | 103 |
| 49 | Landsat ETM+ Secchi Disc Transparency (SDT) retrievals for Rawal Lake, Pakistan. Advances in Space Research, 2015, 56, 1428-1440. | 2.6 | 22 |
| 50 | Modeling of Chlorophyll-a concentration for the coastal waters of Hong Kong. , 2015, , . |  | 2 |
| 51 | 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 |
| 52 | Selection of atmospheric correction method and estimation of Chlorophyll-a (Chl-a) in coastal waters of Hong Kong. , 2014, , . |  | 6 |
| 53 | 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 |
| 54 | 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 |

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|---|---------|----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Fine Resolution Air Quality Monitoring from a Small Satellite: CHRIS/PROBA. Sensors, 2008, 8, 7581-7595. | 3.8 | 4 |
| 58 | 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 |
| 59 | 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 |