

# Segun Bolaji

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

284  
citations

1040056

9  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	A regional GNSS-VTEC model over Nigeria using neural networks: A novel approach. <i>Geodesy and Geodynamics</i> , 2016, 7, 19-31.	2.2	40
2	A Neural Network-Based Ionospheric Model Over Africa From Constellation Observing System for Meteorology, Ionosphere, and Climate and Ground Global Positioning System Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10512-10532.	2.4	40
3	Variability of total electron content over an equatorial West African station during low solar activity. <i>Radio Science</i> , 2012, 47, .	1.6	36
4	On the historical origins of the CEJ, DP2, and Ddyn current systems and their roles in the predictions of ionospheric responses to geomagnetic storms at equatorial latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7827-7833.	2.4	30
5	Solar quiet current response in the African sector due to a 2009 sudden stratospheric warming event. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8055-8065.	2.4	21
6	First Study on the Occurrence Frequency of Equatorial Plasma Bubbles over West Africa Using an All-Sky Airglow Imager and GNSS Receivers. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,430.	2.4	17
7	Storm Time Effects on Latitudinal Distribution of Ionospheric TEC in the American and Asian-Australian Sectors: August 25-26, 2018 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029068.	2.4	17
8	Ionospheric Current Variations Induced by the Solar Flares of 6 and 10 September 2017. <i>Space Weather</i> , 2020, 18, e2020SW002608.	3.7	11
9	Variations of Mesospheric Neutral Winds and Tides Observed by a Meteor Radar Chain Over China During the 2013 Sudden Stratospheric Warming. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027443.	2.4	11
10	Modeling African equatorial ionosphere using ordinary Kriging interpolation technique for GNSS applications. <i>Astrophysics and Space Science</i> , 2018, 363, 1.	1.4	9
11	Variability of Horizontal Magnetic Field Intensity Over Nigeria During Low Solar Activity. <i>Earth, Moon and Planets</i> , 2013, 110, 91-103.	0.6	8
12	Investigation on the Variability of the Geomagnetic Daily Current During Sudden Stratospheric Warmings. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6156-6172.	2.4	8
13	Spatial variability of solar quiet fields along 96° magnetic meridian in Africa: Results from MAGDAS. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3883-3898.	2.4	7
14	Pattern of Latitudinal Distribution of Ionospheric Irregularities in the African Region and the Effect of March 2015 St. Patrick's Day Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027641.	2.4	7
15	Investigation of the Variability of Night-Time Equatorial Thermospheric Winds Over Nigeria, West Africa. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028528.	2.4	6
16	Excursions of Interhemispheric Field-Aligned Currents in Africa. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6042-6053.	2.4	5
17	Response of the Ionospheric TEC to SSW and Associated Geomagnetic Storm Over the American Low Latitudinal Sector. <i>Space Weather</i> , 2022, 20, .	3.7	5
18	Responses of the African and American Equatorial Ionization Anomaly (EIA) to 2014 Arctic SSW Events. <i>Space Weather</i> , 2021, 19, e2021SW002812.	3.7	4

#	ARTICLE	IF	CITATIONS
19	African and American Equatorial Ionization Anomaly (EIA) Responses to 2013 SSW Event. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	2
20	Features of horizontal magnetic field intensity over northern island of Malaysia. Indian Journal of Physics, 2019, 93, 1247-1257.	1.8	0