

# Sudipta Sarkar

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,453  
citations

471509

17  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2178  
citing authors

#	ARTICLE	IF	CITATIONS
1	NASA's Black Marble nighttime lights product suite. Remote Sensing of Environment, 2018, 210, 113-143.	11.0	312
2	Sentinel-2 MultiSpectral Instrument (MSI) data processing for aquatic science applications: Demonstrations and validations. Remote Sensing of Environment, 2017, 201, 47-56.	11.0	205
3	Interannual variability of vegetation over the Indian sub-continent and its relation to the different meteorological parameters. Remote Sensing of Environment, 2004, 90, 268-280.	11.0	117
4	Crop Residue Burning in Northern India: Increasing Threat to Greater India. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6920-6934.	3.3	109
5	Variability of aerosol optical depth and aerosol forcing over India. Advances in Space Research, 2006, 37, 2153-2159.	2.6	99
6	Impact of Deadly Dust Storms (May 2018) on Air Quality, Meteorological, and Atmospheric Parameters Over the Northern Parts of India. GeoHealth, 2019, 3, 67-80.	4.0	82
7	Anomalous changes in column water vapor after Gujarat earthquake. Advances in Space Research, 2004, 33, 274-278.	2.6	70
8	Declining trend of total ozone column over the northern parts of India. International Journal of Remote Sensing, 2005, 26, 3433-3440.	2.9	62
9	A multisensor approach to dust storm monitoring over the Nile delta. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 2386-2391.	6.3	44
10	Further evidences for the weakening relationship of Indian rainfall and ENSO over India. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	44
11	Phenology and carbon fixing: a satellite-based study over Continental USA. International Journal of Remote Sensing, 2018, 39, 1-16.	2.9	44
12	Inter-annual variability of vegetation cover and rainfall over India. Advances in Space Research, 2007, 39, 79-87.	2.6	37
13	Uncertainties in coastal ocean color products: Impacts of spatial sampling. Remote Sensing of Environment, 2016, 181, 14-26.	11.0	31
14	Effect of El Niño on inter-annual variability of ozone during the period 1978-2000 over the Indian subcontinent and China. International Journal of Remote Sensing, 2002, 23, 2449-2456.	2.9	27
15	Toward Long-Term Aquatic Science Products from Heritage Landsat Missions. Remote Sensing, 2018, 10, 1337.	4.0	26
16	Temperature Extremes, Density Dependence, and Southern Pine Beetle (Coleoptera: Curculionidae) Population Dynamics in East Texas. Environmental Entomology, 2008, 37, 650-659.	1.4	26
17	Rain gauge derived precipitation variability over Virginia and its relation with the El Niño southern oscillation. Advances in Space Research, 2004, 33, 338-342.	2.6	25
18	Increasing health threat to greater parts of India due to crop residue burning. Lancet Planetary Health, 2018, 2, e327-e328.	11.4	15

#	ARTICLE	IF	CITATIONS
19	Comparison of aerosol radiative forcing over the Arabian Sea and the Bay of Bengal. <i>Advances in Space Research</i> , 2004, 33, 1104-1108.	2.6	14
20	Anomalous changes in meteorological parameters along the track of 2017 Hurricane Harvey. <i>Remote Sensing Letters</i> , 2018, 9, 487-496.	1.4	12
21	NASA's MODIS/VIIRS Global Water Reservoir Product Suite from Moderate Resolution Remote Sensing Data. <i>Remote Sensing</i> , 2021, 13, 565.	4.0	12
22	Sensitivity of rainfall on land cover change over South East Asia: Some observational results. <i>Advances in Space Research</i> , 2007, 39, 73-78.	2.6	10
23	Impact of wildfires on some greenhouse gases over continental USA: A study based on satellite data. <i>Remote Sensing of Environment</i> , 2017, 188, 118-126.	11.0	10
24	June 19 2015 Rainfall Event Over Mumbai: Some Observational Analysis. <i>Journal of the Indian Society of Remote Sensing</i> , 2017, 45, 185-192.	2.4	9
25	Impact of Spatial Sampling on Continuity of MODIS's VIIRS Land Surface Reflectance Products: A Simulation Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 183-196.	6.3	9
26	Effect of El Niño observed over Indian continent from satellite-derived ozone data. <i>Eos</i> , 2000, 81, 409.	0.1	1
27	Remote sensing and GIS for regional environmental applications. , 2003, , .		1