

Ramesh P. Singh

List of Publications by Year in descending order

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Version: 2024-02-01

279
papers

9,638
citations

43973

48
h-index

51492

86
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291
all docs

291
docs citations

291
times ranked

7068
citing authors

#	ARTICLE	IF	CITATIONS
1	The optical and microwave characteristics of dust storms over the Indo-Gangetic Plains. , 2022, , 505-520.		2
2	Effect of cyclones on atmospheric and meteorological parameters. , 2022, , 521-547.		0
3	Sources of atmospheric pollution in India. , 2022, , 1-37.		6
4	Catastrophic ice-debris flow in the Rishiganga River, Chamoli, Uttarakhand (India). Geomatics, Natural Hazards and Risk, 2022, 13, 289-309.	2.0	17
5	Progressive destabilization and triggering mechanism analysis using multiple data for Chamoli rockslide of 7 February 2021. Geomatics, Natural Hazards and Risk, 2022, 13, 35-53.	2.0	16
6	Landslide detection in the Himalayas using machine learning algorithms and U-Net. Landslides, 2022, 19, 1209-1229.	2.7	53
7	Fair-weather atmospheric electric field measurements at Gulmarg, India. Journal of Earth System Science, 2022, 131, 1.	0.6	9
8	Dynamic Relationship Study between the Observed Seismicity and Spatiotemporal Pattern of Lineament Changes in Palghar, North Maharashtra (India). Remote Sensing, 2022, 14, 135.	1.8	6
9	Changes in Surface Water Bodies Associated With Madoi (China) Mw 7.3 Earthquake of May 21, 2021 Using Sentinel-1 Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	2.7	4
10	Pronounced Changes in Thermal Signals Associated with the Madoi (China) M 7.3 Earthquake from Passive Microwave and Infrared Satellite Data. Remote Sensing, 2022, 14, 2539.	1.8	16
11	Assessment of WRF-3DVAR data assimilation on simulation of heavy rainfall events associated with monsoon depressions over Bay of Bengal. Meteorology and Atmospheric Physics, 2022, 134, .	0.9	0
12	Impact of tropical cyclone "Fani" on land, ocean, atmospheric and meteorological parameters. Marine Pollution Bulletin, 2021, 162, 111844.	2.3	22
13	Changes in Tropospheric Ozone Associated With Strong Earthquakes and Possible Mechanism. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5300-5310.	2.3	10
14	Snow covered with dust after Chamoli rockslide: inference based on high-resolution satellite data. Remote Sensing Letters, 2021, 12, 704-714.	0.6	19
15	Ionospheric and atmospheric perturbations due to two major earthquakes (M _w >7.0). Journal of Earth System Science, 2021, 130, 1.	0.6	4
16	Changes in the flood plains and water quality along the Himalayan rivers after the Chamoli disaster of 7 February 2021. International Journal of Remote Sensing, 2021, 42, 6984-7001.	1.3	12
17	Analysis of Positive and Negative Atmospheric Air Ions During New Particle Formation (NPF) Events over Urban City of India. Aerosol Science and Engineering, 2021, 5, 460-477.	1.1	8
18	Chamoli disaster: pronounced changes in water quality and flood plains using Sentinel data. Environmental Earth Sciences, 2021, 80, 601.	1.3	14

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19	Improvement of atmospheric pollution in the capital cities of US during COVID-19. Modeling Earth Systems and Environment, 2021, , 1-18.	1.9	2
20	Underground burning of Jharia coal mine (India) and associated surface deformation using InSAR data. International Journal of Applied Earth Observation and Geoinformation, 2021, 103, 102524.	1.4	9
21	Air Quality Over Major Cities of Saudi Arabia During Hajj Periods of 2019 and 2020. Earth Systems and Environment, 2021, 5, 101-114.	3.0	35
22	Effect of Lockdown on HCHO and Trace Gases over India during March 2020. Aerosol and Air Quality Research, 2021, 21, 200445.	0.9	25
23	Satellite Observed Multi-Parameter Variations Associated with the 2020 Yutian Earthquake, China. , 2021, , .		1
24	Spatial Distribution of PM _{2.5} â€Related Premature Mortality in China. GeoHealth, 2021, 5, e2021GH000532.	1.9	19
25	Coseismic Groundwater Temperature Response Associated with the Wenchuan Earthquake. Pure and Applied Geophysics, 2020, 177, 109-120.	0.8	22
26	Characteristics of hydroseismograms in Jingle well, China. Journal of Hydrology, 2020, 582, 124529.	2.3	2
27	Remote Sensing Monitoring of Vegetation Dynamic Changes after Fire in the Greater Hinggan Mountain Area: The Algorithm and Application for Eliminating Phenological Impacts. Remote Sensing, 2020, 12, 156.	1.8	14
28	Optical properties of dust and crop burning emissions over India using ground and satellite data. Science of the Total Environment, 2020, 718, 134476.	3.9	12
29	Microwave Brightness Temperature Characteristics of Three Strong Earthquakes in Sichuan Province, China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 513-522.	2.3	20
30	Spatiotemporal Variations of City-Level Carbon Emissions in China during 2000â€2017 Using Nighttime Light Data. Remote Sensing, 2020, 12, 2916.	1.8	24
31	Decline in PM _{2.5} concentrations over major cities around the world associated with COVID-19. Environmental Research, 2020, 187, 109634.	3.7	307
32	Hydraulic fracturing operation for oil and gas production and associated earthquake activities across the USA. Environmental Earth Sciences, 2020, 79, 1.	1.3	7
33	Changes in Atmospheric, Meteorological, and Ocean Parameters Associated with the 12 January 2020 Taal Volcanic Eruption. Remote Sensing, 2020, 12, 1026.	1.8	13
34	High spatio-temporal heterogeneity of carbon footprints in the Zhejiang Province, China, from 2005 to 2015: implications for climate change policies. Environmental Chemistry Letters, 2020, 18, 931-939.	8.3	13
35	Earth observation and sustainable development goals. Geomatics, Natural Hazards and Risk, 2020, 11, i-vi.	2.0	3
36	Impact of lockdown on air quality in India during COVID-19 pandemic. Air Quality, Atmosphere and Health, 2020, 13, 921-928.	1.5	235

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37	Land Use and Land Cover Change Modeling and Future Potential Landscape Risk Assessment Using Markov-CA Model and Analytical Hierarchy Process. ISPRS International Journal of Geo-Information, 2020, 9, 134.	1.4	83
38	Regional Forest Volume Estimation by Expanding LiDAR Samples Using Multi-Sensor Satellite Data. Remote Sensing, 2020, 12, 360.	1.8	9
39	Source Characterization of Aerosols and Trends During 2000â€“2019 Over Delhi (India). , 2020, , .		0
40	Spatiotemporal extremes of temperature and precipitation during 1960â€“2015 in the Yangtze River Basin (China) and impacts on vegetation dynamics. Theoretical and Applied Climatology, 2019, 136, 675-692.	1.3	51
41	Land â€“ Atmosphere â€“ Meteorological coupling associated with the 2015 Gorkha (M 7.8) and Dolakha (M 7.1) Earthquakes. Atmosphere, 2019, 10, 784-814.	2.0	39
42	Groundwater level response to the Wenchuan earthquake of May 2008. Geomatics, Natural Hazards and Risk, 2019, 10, 336-352.	2.0	28
43	Ecological response of phytoplankton to the oil spills in the oceans. Geomatics, Natural Hazards and Risk, 2019, 10, 853-872.	2.0	20
44	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.	1.9	82
45	Changes in Chlorophyll Concentrations Associated With the 5.1 La Habra Earthquake, California Of 29 March 2014. , 2019, , .		2
46	Long-Term Aerosol Trends and Variability over Central Saudi Arabia Using Optical Characteristics from Solar Village AERONET Measurements. Atmosphere, 2019, 10, 752.	1.0	11
47	Sensitivity of Land Covers on Passive Microwave Brightness Temperature. , 2019, , .		4
48	Analysis of the 2012-2016 drought in the northeast Brazil and its impacts on the Sobradinho water reservoir. Remote Sensing Letters, 2018, 9, 438-446.	0.6	33
49	Anomalous changes in meteorological parameters along the track of 2017 Hurricane Harvey. Remote Sensing Letters, 2018, 9, 487-496.	0.6	12
50	Pronounced changes in air quality, atmospheric and meteorological parameters, and strong mixing of smoke associated with a dust event over Bakersfield, California. Environmental Earth Sciences, 2018, 77, 1.	1.3	9
51	Lightning Discharges, Cosmic Rays and Climate. Surveys in Geophysics, 2018, 39, 861-899.	2.1	15
52	Impact of atmospheric circulation types on southwest Asian dust and Indian summer monsoon rainfall. Atmospheric Research, 2018, 201, 189-205.	1.8	47
53	Postseismic Restoration of the Ecological Environment in the Wenchuan Region Using Satellite Data. Sustainability, 2018, 10, 3990.	1.6	4
54	Land Use and Land Cover Changes, and Environment and Risk Evaluation of Dujiangyan City (SW China) Using Remote Sensing and GIS Techniques. Sustainability, 2018, 10, 4631.	1.6	57

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55	Increasing health threat to greater parts of India due to crop residue burning. <i>Lancet Planetary Health</i> , The, 2018, 2, e327-e328.	5.1	15
56	Elevated Black Carbon Concentrations and Atmospheric Pollution around Singrauli Coal-Fired Thermal Power Plants (India) Using Ground and Satellite Data. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2472.	1.2	25
57	Coupling between Landâ€œOceanâ€œAtmosphere and Pronounced Changes in Atmospheric/Meteorological Parameters Associated with the Hudhud Cyclone of October 2014. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2759.	1.2	18
58	Land-Use/Land-Cover Changes and Their Influence on the Ecosystem in Chengdu City, China during the Period of 1992â€œ2018. <i>Sustainability</i> , 2018, 10, 3580.	1.6	68
59	Association analysis between spatiotemporal variation of vegetation greenness and precipitation/temperature in the Yangtze River Basin (China). <i>Environmental Science and Pollution Research</i> , 2018, 25, 21867-21878.	2.7	49
60	Passive microwave response associated with two main earthquakes in Tibetan Plateau, China. <i>Advances in Space Research</i> , 2018, 62, 1675-1689.	1.2	29
61	Crop Residue Burning in Northern India: Increasing Threat to Greater India. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6920-6934.	1.2	109
62	Assessment of Indoor & Outdoor Black Carbon emissions in rural areas of Indo-Gangetic Plain: seasonal characteristics, source apportionment and radiative forcing. <i>Atmospheric Environment</i> , 2018, 191, 227-240.	1.9	20
63	Spatio-Temporal Pattern Estimation of PM2.5 in Beijing-Tianjin-Hebei Region Based on MODIS AOD and Meteorological Data Using the Back Propagation Neural Network. <i>Atmosphere</i> , 2018, 9, 105.	1.0	34
64	Aerosol and Meteorological Parameters Associated with the Intense Dust Event of 15 April 2015 over Beijing, China. <i>Remote Sensing</i> , 2018, 10, 957.	1.8	17
65	Diurnal characteristics of geoelectric fields and their changes associated with the Alxa Zuoqi <i>M</i>5.8 earthquake on 15 April 2015 (Inner Mongolia). <i>Earthquake Science</i> , 2018, 31, 35-43.	0.4	3
66	June 19 2015 Rainfall Event Over Mumbai: Some Observational Analysis. <i>Journal of the Indian Society of Remote Sensing</i> , 2017, 45, 185-192.	1.2	9
67	Co-seismic multilayer water temperature and water level changes associated with Wenchuan and Tohoku-Oki earthquakes in the Chuan no. 03 well, China. <i>Journal of Seismology</i> , 2017, 21, 719-734.	0.6	12
68	A Comparison of Trace Gases and Particulate Matter over Beijing (China) and Delhi (India). <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	20
69	Seismic hazard assessment of Syria using seismicity, DEM, slope, active faults and GIS. <i>Remote Sensing Applications: Society and Environment</i> , 2017, 6, 59-70.	0.8	16
70	Thunderstormâ€œlightningâ€œinduced ionospheric perturbation: An observation from equatorial and lowâ€œlatitude stations around Hong Kong. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9032-9044.	0.8	26
71	Co-seismic response of water level in the Jingle well (China) associated with the Gorkha Nepal (Mw) Tj ETQq1 1 0.784314 rgBT /Overlo 0.9 22	0.9	22
72	Assessing 2016 drought progression over India using remote sensing data for the period 2006â€œ2015. , 2017, , .		1

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73	Poor air quality and dense haze/smog during 2016 in the indo-gangetic plains associated with the crop residue burning and diwali festival. , 2017, , .		19
74	Methane and carbon monoxide emissions associated with aliso canyon ground storage blowout. , 2017, , .		1
75	The Spatiotemporal Distribution of Air Pollutants and Their Relationship with Land-Use Patterns in Hangzhou City, China. Atmosphere, 2017, 8, 110.	1.0	34
76	Use of remote sensing and topographic slope in evaluating seismic site-conditions in Damascus region. , 2016, , .		3
77	Effect of climate change on California fish species. , 2016, , .		1
78	Allometric scaling theory-based maximum forest tree height and biomass estimation in the Three Gorges reservoir region using multi-source remote-sensing data. International Journal of Remote Sensing, 2016, 37, 1210-1222.	1.3	4
79	Characteristic changes in aerosol and meteorological parameters associated with dust event of 9 March 2013. Modeling Earth Systems and Environment, 2016, 2, 1-10.	1.9	10
80	Comparison of Regression Methods to Compute Atmospheric Pressure and Earth Tidal Coefficients in Water Level Associated with Wenchuan Earthquake of 12 May 2008. Pure and Applied Geophysics, 2016, 173, 2277-2294.	0.8	15
81	Dynamical characteristics of atmospheric aerosols over IG region. Proceedings of SPIE, 2016, , .	0.8	1
82	Temporal and spatial deviation in $F_{2\text{peak}}$ parameters derived from FORMOSAT-3/COSMIC. Space Weather, 2016, 14, 391-405.	1.3	11
83	Monitoring of RCC structures affected by earthquakes. Geomatics, Natural Hazards and Risk, 2016, 7, 37-64.	2.0	5
84	The influence of meteorological parameters and atmospheric pollutants on lightning, rainfall, and normalized difference vegetation index in the Indo-Gangetic Plain. International Journal of Remote Sensing, 2016, 37, 53-77.	1.3	12
85	Evaluation and analysis of post-seismic restoration of ecological security in Wenchuan using remote sensing and GIS. Geomatics, Natural Hazards and Risk, 2016, 7, 1919-1936.	2.0	16
86	Attenuation relation predicted observed ground motion of Gorkha Nepal earthquake of April 25, 2015. Natural Hazards, 2016, 80, 311-328.	1.6	10
87	Integrated detection and analysis of earthquake disaster information using airborne data. Geomatics, Natural Hazards and Risk, 2016, 7, 1099-1128.	2.0	7
88	Meteorological, atmospheric and climatic perturbations during major dust storms over Indo-Gangetic Basin. Aeolian Research, 2015, 17, 15-31.	1.1	74
89	Vertical profiles of carbon monoxide and ozone from MOZAIC aircraft over Delhi, India during 2003-2005. Meteorology and Atmospheric Physics, 2015, 127, 229-240.	0.9	9
90	Characteristic behavior of water radon associated with Wenchuan and Lushan earthquakes along Longmenshan fault. Radiation Measurements, 2015, 76, 44-53.	0.7	27

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91	Analysis of a severe prolonged regional haze episode in the Yangtze River Delta, China. Atmospheric Environment, 2015, 102, 112-121.	1.9	107
92	Aerosol Optical Properties over Mount Song, a Rural Site in Central China. Aerosol and Air Quality Research, 2015, 15, 2051-2064.	0.9	17
93	Seasonal Variability of Atmospheric Aerosol Parameters over Greater Noida Using Ground Sunphotometer Observations. Aerosol and Air Quality Research, 2014, 14, 608-622.	0.9	67
94	Effects of crop residue burning on aerosol properties, plume characteristics, and long-range transport over northern India. Journal of Geophysical Research D: Atmospheres, 2014, 119, 5424-5444.	1.2	228
95	Solar flare induced D-region ionospheric perturbations evaluated from VLF measurements. Astrophysics and Space Science, 2014, 350, 1-9.	0.5	32
96	Synoptic weather conditions and aerosol episodes over Indo-Gangetic Plains, India. Climate Dynamics, 2014, 43, 2313-2331.	1.7	51
97	Comparison of ground based indices (API and AQI) with satellite based aerosol products. Science of the Total Environment, 2014, 488-489, 398-412.	3.9	51
98	Characteristics of aerosol optical properties and meteorological parameters during three major dust events (2005-2010) over Beijing, China. Atmospheric Research, 2014, 150, 129-142.	1.8	45
99	Crop Residue Burning: A Threat to South Asian Air Quality. Eos, 2014, 95, 333-334.	0.1	96
100	Dust Storms and Their Influence on Atmospheric Parameters over the Indo-Gangetic Plains. , 2014, , 21-35.		6
101	Influence of land use/land cover (LULC) changes on atmospheric dynamics over the arid region of Rajasthan state, India. Journal of Arid Environments, 2013, 88, 90-101.	1.2	45
102	Changes in surface irradiance and meteorological parameters associated with the annular solar Eclipse of 15 January 2010. AIP Conference Proceedings, 2013, , .	0.3	0
103	Long-Term (1951-2007) Rainfall Trends around Six Indian Cities: Current State, Meteorological, and Urban Dynamics. Advances in Meteorology, 2013, 2013, 1-15.	0.6	25
104	Impacts of U.S. Government Shutdown on Earth Science Teaching and Education. Eos, 2013, 94, 459-459.	0.1	0
105	Variability and trends of aerosol properties over Kanpur, northern India using AERONET data (2001-10). Environmental Research Letters, 2012, 7, 024003.	2.2	121
106	Seasonal variability of atmospheric aerosol over the North Indian region during 2005-2009. Advances in Space Research, 2012, 50, 1220-1230.	1.2	27
107	Enhancement of BC concentration associated with Diwali festival in India. , 2012, , .		2
108	Fog- and cloud-induced aerosol modification observed by the Aerosol Robotic Network (AERONET). Journal of Geophysical Research, 2012, 117, .	3.3	99

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109	Influence of anomalous dry conditions on aerosols over India: Transport, distribution and properties. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	59
110	Tidal and gravity waves study from the airglow measurements at Kolhapur (India). <i>Journal of Earth System Science</i> , 2012, 121, 1511-1525.	0.6	15
111	Discharges in the Stratosphere and Mesosphere. <i>Space Science Reviews</i> , 2012, 169, 73-121.	3.7	27
112	Influence of coal-based thermal power plants on the spatial&temporal variability of tropospheric NO ₂ column over India. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1891-1907.	1.3	48
113	Estimation of aerosol size distribution from ion mobility spectra using the KL model. <i>International Journal of Remote Sensing</i> , 2011, 32, 6783-6798.	1.3	6
114	Extremely large anthropogenic-aerosol contribution to total aerosol load over the Bay of Bengal during winter season. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7097-7117.	1.9	85
115	Estimation of NO _x emissions from Delhi using Car MAX-DOAS observations and comparison with OMI satellite data. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 10871-10887.	1.9	98
116	The Impact of Three Different Cumulus Parameterization Schemes on the Indian Summer Monsoon Circulation. <i>The International Journal of Ocean and Climate Systems</i> , 2011, 2, 27-43.	0.8	12
117	Solar Activity, Lightning and Climate. <i>Surveys in Geophysics</i> , 2011, 32, 659-703.	2.1	66
118	Electrodynamical Coupling of Earth's Atmosphere and Ionosphere: An Overview. <i>International Journal of Geophysics</i> , 2011, 2011, 1-13.	0.4	17
119	Use of vibration measurements in health monitoring of reinforced concrete buildings. <i>International Journal of Structural Integrity</i> , 2010, 1, 209-232.	1.8	2
120	Chlorophyll, calcite, and suspended sediment concentrations in the Bay of Bengal and the Arabian Sea at the river mouths. <i>Advances in Space Research</i> , 2010, 45, 61-69.	1.2	20
121	Drifting ELF/VLF Emissions Observed at Low Latitude Ground Station During Geomagnetic Storm. <i>Earth, Moon and Planets</i> , 2010, 106, 119-132.	0.3	0
122	Space Weather: Physics, Effects and Predictability. <i>Surveys in Geophysics</i> , 2010, 31, 581-638.	2.1	61
123	Complementary nature of surface and atmospheric parameters associated with Haiti earthquake of 12 January 2010. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 1299-1305.	1.5	46
124	Geomatics, Natural Hazards and Risk—Launch of a New Journal. <i>Geomatics, Natural Hazards and Risk</i> , 2010, 1, 1-1.	2.0	1
125	Precursory signals using satellite and ground data associated with the Wenchuan Earthquake of 12 May 2008. <i>International Journal of Remote Sensing</i> , 2010, 31, 3341-3354.	1.3	72
126	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	325

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127	Satellite detection of carbon monoxide emission prior to the Gujarat earthquake of 26 January 2001. Applied Geochemistry, 2010, 25, 580-585.	1.4	54
128	Satellite observations of the Wenchuan Earthquake, 12 May 2008. International Journal of Remote Sensing, 2010, 31, 3335-3339.	1.3	12
129	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. , 2010, .		1
130	Retrieval of sub-pixel snow cover information in the Himalayan region using medium and coarse resolution remote sensing data. International Journal of Remote Sensing, 2009, 30, 4707-4731.	1.3	22
131	Characteristics of low latitude ionospheric E-region irregularities linked with daytime VHF scintillations measured from Varanasi. Journal of Earth System Science, 2009, 118, 721-732.	0.6	22
132	Modelling of ground water recharge-potential in the hard-rock Aravalli terrain, India: a GIS approach. Environmental Earth Sciences, 2009, 59, 929-938.	1.3	36
133	Comparison of global chlorophyll concentrations using MODIS data. Advances in Space Research, 2009, 43, 1090-1100.	1.2	30
134	Variations of chlorophyll- <i>a</i> in the northeastern Indian Ocean after the 2004 South Asian tsunami. International Journal of Remote Sensing, 2009, 30, 4553-4565.	1.3	23
135	Variability of soil wetness and its relation with floods over the Indian subcontinent. Canadian Journal of Remote Sensing, 2009, 35, 85-97.	1.1	11
136	Validation of MODIS Terra, AIRS, NCEP/DOE AMIP- <i>CH</i> Reanalysis- <i>2</i> , and AERONET Sun photometer derived integrated precipitable water vapor using ground-based GPS receivers over India. Journal of Geophysical Research, 2009, 114, .	3.3	118
137	Characteristics of quasi-periodic scintillations observed at low latitude. Radio Science, 2009, 44, .	0.8	6
138	Two contrasting dust-dominant periods over India observed from MODIS and CALIPSO data. Geophysical Research Letters, 2009, 36, .	1.5	171
139	Thunderstorms, Lightning, Sprites and Magnetospheric Whistler-Mode Radio Waves. Surveys in Geophysics, 2008, 29, 499-551.	2.1	46
140	Observations of unusual whistlers during daytime at Jammu. Journal of Earth System Science, 2008, 117, 219-225.	0.6	3
141	Enhancement of oceanic parameters associated with dust storms using satellite data. Journal of Geophysical Research, 2008, 113, .	3.3	77
142	ACOUSTICAL CHARACTERIZATION OF NANOSTRUCTURED METAL. International Journal of Nanoscience, 2008, 07, 315-323.	0.4	0
143	Cover: Features of Hurricane Katrina using multi sensor data. International Journal of Remote Sensing, 2007, 28, 4709-4713.	1.3	2
144	Generic precursors to coastal earthquakes: Inferences from Denali fault earthquake. Tectonophysics, 2007, 431, 231-240.	0.9	26

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145	Use of vegetation index and meteorological parameters for the prediction of crop yield in India. International Journal of Remote Sensing, 2007, 28, 5207-5235.	1.3	54
146	Multi-sensor studies of the Sumatra earthquake and tsunami of 26 December 2004. International Journal of Remote Sensing, 2007, 28, 2885-2896.	1.3	47
147	Changes in aerosol parameters during major dust storm events (2001-2005) over the Indo-Gangetic Plains using AERONET and MODIS data. Journal of Geophysical Research, 2007, 112, .	3.3	211
148	Changes in Himalayan snow and glacier cover between 1972 and 2000. Eos, 2007, 88, 326-326.	0.1	32
149	Influence of a dust storm on carbon monoxide and water vapor over the Indo-Gangetic Plains. Journal of Geophysical Research, 2007, 112, .	3.3	41
150	Inter-annual variability of vegetation cover and rainfall over india. Advances in Space Research, 2007, 39, 79-87.	1.2	37
151	Comparison of MISR-MODIS aerosol optical depth over the Indo-Gangetic basin during the winter and summer seasons (2000-2005). Remote Sensing of Environment, 2007, 107, 109-119.	4.6	165
152	Aerosol radiative forcing over the Indo-Gangetic plains during major dust storms. Atmospheric Environment, 2007, 41, 6289-6301.	1.9	167
153	Effect of dust storm on ocean color and snow parameters. Journal of the Indian Society of Remote Sensing, 2007, 35, 1-9.	1.2	35
154	Propagation Characteristics and Generation Mechanism of ELF/VLF Hiss Observed at Low-latitude Ground Station (L = 1.17). Earth, Moon and Planets, 2007, 100, 17-29.	0.3	3
155	Features of discrete VLF emissions observed at Gulmarg, India during the magnetic storm of 6-7 March, 1986. Journal of Earth System Science, 2007, 116, 553-559.	0.6	2
156	Sensitivity of rainfall on land cover change over South East Asia: Some observational results. Advances in Space Research, 2007, 39, 73-78.	1.2	10
157	Influence of coal based thermal power plants on aerosol optical properties in the Indo-Gangetic basin. Geophysical Research Letters, 2006, 33, .	1.5	130
158	Crop yield estimation model for Iowa using remote sensing and surface parameters. International Journal of Applied Earth Observation and Geoinformation, 2006, 8, 26-33.	1.4	305
159	Thermal, atmospheric and ionospheric anomalies around the time of the Colima M7.8 earthquake of 21 January 2003. Annales Geophysicae, 2006, 24, 835-849.	0.6	115
160	Surface latent heat flux and nighttime LF anomalies prior to the M _w =8.3 Tokachi-Oki earthquake. Natural Hazards and Earth System Sciences, 2006, 6, 109-114.	1.5	62
161	An early warning system for coastal earthquakes. Advances in Space Research, 2006, 37, 636-642.	1.2	21
162	Dust storms detection over the Indo-Gangetic basin using multi sensor data. Advances in Space Research, 2006, 37, 728-733.	1.2	86

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163	Anomalous increase of chlorophyll concentrations associated with earthquakes. <i>Advances in Space Research</i> , 2006, 37, 671-680.	1.2	31
164	Early warning of natural hazards using space technology. <i>Advances in Space Research</i> , 2006, 37, 635.	1.2	0
165	Estimation of stress and its use in evaluation of landslide prone regions using remote sensing data. <i>Advances in Space Research</i> , 2006, 37, 698-709.	1.2	127
166	Variability of aerosol optical depth and aerosol forcing over India. <i>Advances in Space Research</i> , 2006, 37, 2153-2159.	1.2	99
167	Potentiality of multi-sensor satellite data in mapping flood hazard. <i>Journal of the Indian Society of Remote Sensing</i> , 2006, 34, 219-231.	1.2	20
168	Thermal effects on parallel resonance energy of whistler mode wave. <i>Pramana - Journal of Physics</i> , 2006, 66, 467-472.	0.9	1
169	Retrieval of black carbon and specific absorption over Kanpur city, northern India during 2001â€“2003 using AERONET data. <i>Atmospheric Environment</i> , 2006, 40, 445-456.	1.9	40
170	Seasonal variability of the aerosol parameters over Kanpur, an urban site in Indo-Gangetic basin. <i>Advances in Space Research</i> , 2005, 36, 778-782.	1.2	58
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