

Ramesh P. Singh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

268
papers

7,207
citations

44
h-index

76
g-index

291
ext. papers

8,291
ext. citations

3.8
avg, IF

6.57
L-index

#	Paper	IF	Citations
268	Catastrophic ice-debris flow in the Rishiganga River, Chamoli, Uttarakhand (India). <i>Geomatics, Natural Hazards and Risk</i> , 2022 , 13, 289-309	3.6	2
267	Progressive destabilization and triggering mechanism analysis using multiple data for Chamoli rockslide of 7 February 2021. <i>Geomatics, Natural Hazards and Risk</i> , 2022 , 13, 35-53	3.6	4
266	The optical and microwave characteristics of dust storms over the Indo-Gangetic Plains 2022 , 505-520		1
265	Effect of cyclones on atmospheric and meteorological parameters 2022 , 521-547		
264	Sources of atmospheric pollution in India 2022 , 1-37		2
263	Landslide detection in the Himalayas using machine learning algorithms and U-Net. <i>Landslides</i> , 2022 , 19, 1209	6.6	7
262	Fair-weather atmospheric electric field measurements at Gulmarg, India. <i>Journal of Earth System Science</i> , 2022 , 131, 1	1.8	2
261	Dynamic Relationship Study between the Observed Seismicity and Spatiotemporal Pattern of Lineament Changes in Palghar, North Maharashtra (India). <i>Remote Sensing</i> , 2022 , 14, 135	5	1
260	Changes in Surface Water Bodies Associated With Madoi (China) Mw 7.3 Earthquake of May 21, 2021 Using Sentinel-1 Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 60, 1-11	8.1	2
259	Pronounced Changes in Thermal Signals Associated with the Madoi (China) M 7.3 Earthquake from Passive Microwave and Infrared Satellite Data. <i>Remote Sensing</i> , 2022 , 14, 2539	5	2
258	Spatial Distribution of PM-Related Premature Mortality in China.. <i>GeoHealth</i> , 2021 , 5, e2021GH000532	5	4
257	Snow covered with dust after Chamoli rockslide: inference based on high-resolution satellite data. <i>Remote Sensing Letters</i> , 2021 , 12, 704-714	2.3	8
256	Ionospheric and atmospheric perturbations due to two major earthquakes (M >7.0). <i>Journal of Earth System Science</i> , 2021 , 130, 1	1.8	0
255	Impact of tropical cyclone "Fani" on land, ocean, atmospheric and meteorological parameters. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111844	6.7	8
254	Changes in Tropospheric Ozone Associated With Strong Earthquakes and Possible Mechanism. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 5300-5310	4.7	4
253	Changes in the flood plains and water quality along the Himalayan rivers after the Chamoli disaster of 7 February 2021. <i>International Journal of Remote Sensing</i> , 2021 , 42, 6984-7001	3.1	6
252	Chamoli disaster: pronounced changes in water quality and flood plains using Sentinel data. <i>Environmental Earth Sciences</i> , 2021 , 80, 601	2.9	7

251	Improvement of atmospheric pollution in the capital cities of US during COVID-19. <i>Modeling Earth Systems and Environment</i> , 2021 , 1-18	3.2	1
250	Underground burning of Jharia coal mine (India) and associated surface deformation using InSAR data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 103, 102524	7.3	3
249	Air Quality Over Major Cities of Saudi Arabia During Hajj Periods of 2019 and 2020. <i>Earth Systems and Environment</i> , 2021 , 5, 1-14	7.5	9
248	Effect of Lockdown on HCHO and Trace Gases over India during March 2020. <i>Aerosol and Air Quality Research</i> , 2021 , 21, 200445	4.6	15
247	Spatiotemporal Variations of City-Level Carbon Emissions in China during 2000-2017 Using Nighttime Light Data. <i>Remote Sensing</i> , 2020 , 12, 2916	5	9
246	Decline in PM concentrations over major cities around the world associated with COVID-19. <i>Environmental Research</i> , 2020 , 187, 109634	7.9	199
245	Hydraulic fracturing operation for oil and gas production and associated earthquake activities across the USA. <i>Environmental Earth Sciences</i> , 2020 , 79, 1	2.9	3
244	Changes in Atmospheric, Meteorological, and Ocean Parameters Associated with the 12 January 2020 Taal Volcanic Eruption. <i>Remote Sensing</i> , 2020 , 12, 1026	5	9
243	High spatio-temporal heterogeneity of carbon footprints in the Zhejiang Province, China, from 2005 to 2015: implications for climate change policies. <i>Environmental Chemistry Letters</i> , 2020 , 18, 931-939	13.3	9
242	Impact of lockdown on air quality in India during COVID-19 pandemic. <i>Air Quality, Atmosphere and Health</i> , 2020 , 13, 1-8	5.6	149
241	Land Use and Land Cover Change Modeling and Future Potential Landscape Risk Assessment Using Markov-CA Model and Analytical Hierarchy Process. <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 134	2.9	33
240	Regional Forest Volume Estimation by Expanding LiDAR Samples Using Multi-Sensor Satellite Data. <i>Remote Sensing</i> , 2020 , 12, 360	5	8
239	Characteristics of hydroseismograms in Jingle well, China. <i>Journal of Hydrology</i> , 2020 , 582, 124529	6	1
238	Remote Sensing Monitoring of Vegetation Dynamic Changes after Fire in the Greater Hinggan Mountain Area: The Algorithm and Application for Eliminating Phenological Impacts. <i>Remote Sensing</i> , 2020 , 12, 156	5	5
237	Optical properties of dust and crop burning emissions over India using ground and satellite data. <i>Science of the Total Environment</i> , 2020 , 718, 134476	10.2	8
236	Microwave Brightness Temperature Characteristics of Three Strong Earthquakes in Sichuan Province, China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 513-522	4.7	14
235	Coseismic Groundwater Temperature Response Associated with the Wenchuan Earthquake. <i>Pure and Applied Geophysics</i> , 2020 , 177, 109-120	2.2	10
234	Groundwater level response to the Wenchuan earthquake of May 2008. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 336-352	3.6	15

233	Ecological response of phytoplankton to the oil spills in the oceans. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 853-872	3.6	12
232	Impact of Deadly Dust Storms (May 2018) on Air Quality, Meteorological, and Atmospheric Parameters Over the Northern Parts of India. <i>GeoHealth</i> , 2019 , 3, 67-80	5	49
231	Spatiotemporal extremes of temperature and precipitation during 1960-2015 in the Yangtze River Basin (China) and impacts on vegetation dynamics. <i>Theoretical and Applied Climatology</i> , 2019 , 136, 675-692	3.2	34
230	Land - Atmosphere - Meteorological coupling associated with the 2015 Gorkha (M 7.8) and Dolakha (M 7.3) Nepal earthquakes. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 1267-1284	3.6	16
229	Long-Term Aerosol Trends and Variability over Central Saudi Arabia Using Optical Characteristics from Solar Village AERONET Measurements. <i>Atmosphere</i> , 2019 , 10, 752	2.7	9
228	Sensitivity of Land Covers on Passive Microwave Brightness Temperature 2019 ,		3
227	Analysis of the 2012-2016 drought in the northeast Brazil and its impacts on the Sobradinho water reservoir. <i>Remote Sensing Letters</i> , 2018 , 9, 438-446	2.3	22
226	Anomalous changes in meteorological parameters along the track of 2017 Hurricane Harvey. <i>Remote Sensing Letters</i> , 2018 , 9, 487-496	2.3	9
225	Pronounced changes in air quality, atmospheric and meteorological parameters, and strong mixing of smoke associated with a dust event over Bakersfield, California. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	8
224	Lightning Discharges, Cosmic Rays and Climate. <i>Surveys in Geophysics</i> , 2018 , 39, 861-899	7.6	12
223	Passive microwave response associated with two main earthquakes in Tibetan Plateau, China. <i>Advances in Space Research</i> , 2018 , 62, 1675-1689	2.4	20
222	Crop Residue Burning in Northern India: Increasing Threat to Greater India. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 6920-6934	4.4	67
221	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	5.3	12
220	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	2.7	19
219	Aerosol and Meteorological Parameters Associated with the Intense Dust Event of 15 April 2015 over Beijing, China. <i>Remote Sensing</i> , 2018 , 10, 957	5	11
218	Impact of atmospheric circulation types on southwest Asian dust and Indian summer monsoon rainfall. <i>Atmospheric Research</i> , 2018 , 201, 189-205	5.4	33
217	Postseismic Restoration of the Ecological Environment in the Wenchuan Region Using Satellite Data. <i>Sustainability</i> , 2018 , 10, 3990	3.6	3
216	Land Use and Land Cover Changes, and Environment and Risk Evaluation of Dujiangyan City (SW China) Using Remote Sensing and GIS Techniques. <i>Sustainability</i> , 2018 , 10, 4631	3.6	30

215	Increasing health threat to greater parts of India due to crop residue burning. <i>Lancet Planetary Health, The</i> , 2018 , 2, e327-e328	9.8	10
214	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,	4.6	14
213	Coupling between Land?Ocean?Atmosphere 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,	4.6	10
212	Land-Use/Land-Cover Changes and Their Influence on the Ecosystem in Chengdu City, China during the Period of 1992?2018. <i>Sustainability</i> , 2018 , 10, 3580	3.6	32
211	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	5.1	28
210	June 19 2015 Rainfall Event Over Mumbai: Some Observational Analysis 2017 , 45, 185-192		7
209	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	1.5	7
208	A Comparison of Trace Gases and Particulate Matter over Beijing (China) and Delhi (India). <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	15
207	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	2.8	13
206	Methane and carbon monoxide emissions associated with aliso canyon ground storage blowout 2017 ,		1
205	The Spatiotemporal Distribution of Air Pollutants and Their Relationship with Land-Use Patterns in Hangzhou City, China. <i>Atmosphere</i> , 2017 , 8, 110	2.7	24
204	Thunderstorm-/lightning-induced ionospheric perturbation: An observation from equatorial and low-latitude stations around Hong Kong. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 9032-9044	2.6	18
203	Co-seismic response of water level in the Jingle well (China) associated with the Gorkha Nepal (Mw 7.8) earthquake. <i>Tectonophysics</i> , 2017 , 714-715, 82-89	3.1	15
202	Assessing 2016 drought progression over India using remote sensing data for the period 2006?2015 2017 ,		1
201	Poor air quality and dense haze/smog during 2016 in the indo-gangetic plains associated with the crop residue burning and diwali festival 2017 ,		11
200	Integrated detection and analysis of earthquake disaster information using airborne data. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1099-1128	3.6	6
199	Characteristic changes in aerosol and meteorological parameters associated with dust event of 9 March 2013. <i>Modeling Earth Systems and Environment</i> , 2016 , 2, 1-10	3.2	8
198	Comparison of Regression Methods to Compute Atmospheric Pressure and Earth Tidal Coefficients in Water Level Associated with Wenchuan Earthquake of 12 May 2008. <i>Pure and Applied Geophysics</i> , 2016 , 173, 2277-2294	2.2	10

197	Temporal and spatial deviation in F2 peak parameters derived from FORMOSAT-3/COSMIC. <i>Space Weather</i> , 2016 , 14, 391-405	3.7	10
196	Monitoring of RCC structures affected by earthquakes. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 37-64	3.6	1
195	The influence of meteorological parameters and atmospheric pollutants on lightning, rainfall, and normalized difference vegetation index in the Indo-Gangetic Plain. <i>International Journal of Remote Sensing</i> , 2016 , 37, 53-77	3.1	9
194	Evaluation and analysis of post-seismic restoration of ecological security in Wenchuan using remote sensing and GIS. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1919-1936	3.6	11
193	Attenuation relation predicted observed ground motion of Gorkha Nepal earthquake of April 25, 2015. <i>Natural Hazards</i> , 2016 , 80, 311-328	3	9
192	Use of remote sensing and topographic slope in evaluating seismic site-conditions in Damascus region 2016 ,		1
191	Allometric scaling theory-based maximum forest tree height and biomass estimation in the Three Gorges reservoir region using multi-source remote-sensing data. <i>International Journal of Remote Sensing</i> , 2016 , 37, 1210-1222	3.1	3
190	Vertical profiles of carbon monoxide and ozone from MOZAIC aircraft over Delhi, India during 2003-2005. <i>Meteorology and Atmospheric Physics</i> , 2015 , 127, 229-240	2	9
189	Characteristic behavior of water radon associated with Wenchuan and Lushan earthquakes along Longmenshan fault. <i>Radiation Measurements</i> , 2015 , 76, 44-53	1.5	22
188	Analysis of a severe prolonged regional haze episode in the Yangtze River Delta, China. <i>Atmospheric Environment</i> , 2015 , 102, 112-121	5.3	94
187	Meteorological, atmospheric and climatic perturbations during major dust storms over Indo-Gangetic Basin. <i>Aeolian Research</i> , 2015 , 17, 15-31	3.9	59
186	Aerosol Optical Properties over Mount Song, a Rural Site in Central China. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 2051-2064	4.6	14
185	Solar flare induced D-region ionospheric perturbations evaluated from VLF measurements. <i>Astrophysics and Space Science</i> , 2014 , 350, 1-9	1.6	20
184	Synoptic weather conditions and aerosol episodes over Indo-Gangetic Plains, India. <i>Climate Dynamics</i> , 2014 , 43, 2313-2331	4.2	41
183	Comparison of ground based indices (API and AQI) with satellite based aerosol products. <i>Science of the Total Environment</i> , 2014 , 488-489, 398-412	10.2	36
182	Characteristics of aerosol optical properties and meteorological parameters during three major dust events (2005-2010) over Beijing, China. <i>Atmospheric Research</i> , 2014 , 150, 129-142	5.4	36
181	Crop Residue Burning: A Threat to South Asian Air Quality. <i>Eos</i> , 2014 , 95, 333-334	1.5	81
180	Seasonal Variability of Atmospheric Aerosol Parameters over Greater Noida Using Ground Sunphotometer Observations. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 608-622	4.6	49

179	Effects of crop residue burning on aerosol properties, plume characteristics, and long-range transport over northern India. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 5424-5444	4.4	177
178	Dust Storms and Their Influence on Atmospheric Parameters over the Indo-Gangetic Plains 2014 , 21-35		4
177	Influence of land use/land cover (LULC) changes on atmospheric dynamics over the arid region of Rajasthan state, India. <i>Journal of Arid Environments</i> , 2013 , 88, 90-101	2.5	33
176	Long-Term (1951-2007) Rainfall Trends around Six Indian Cities: Current State, Meteorological, and Urban Dynamics. <i>Advances in Meteorology</i> , 2013 , 2013, 1-15	1.7	19
175	Impacts of U.S. Government Shutdown on Earth Science Teaching and Education. <i>Eos</i> , 2013 , 94, 459-459	1.5	
174	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, 1891-907	3.1	37
173	Seasonal variability of atmospheric aerosol over the North Indian region during 2005-2009. <i>Advances in Space Research</i> , 2012 , 50, 1220-1230	2.4	18
172	Enhancement of BC concentration associated with Diwali festival in India 2012 ,		1
171	Fog- and cloud-induced aerosol modification observed by the Aerosol Robotic Network (AERONET). <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		70
170	Influence of anomalous dry conditions on aerosols over India: Transport, distribution and properties. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		49
169	Tidal and gravity waves study from the airglow measurements at Kolhapur (India). <i>Journal of Earth System Science</i> , 2012 , 121, 1511-1525	1.8	11
168	Discharges in the Stratosphere and Mesosphere. <i>Space Science Reviews</i> , 2012 , 169, 73-121	7.5	21
167	Variability and trends of aerosol properties over Kanpur, northern India using AERONET data (2001-10). <i>Environmental Research Letters</i> , 2012 , 7, 024003	6.2	91
166	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	6.8	67
165	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	6.8	79
164	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		11
163	Solar Activity, Lightning and Climate. <i>Surveys in Geophysics</i> , 2011 , 32, 659-703	7.6	49
162	Estimation of aerosol size distribution from ion mobility spectra using the KL model. <i>International Journal of Remote Sensing</i> , 2011 , 32, 6783-6798	3.1	6

161	Contrasting aerosol trends over South Asia during the last decade based on MODIS observations 2011 ,		68
160	Electrodynamical Coupling of Earth's Atmosphere and Ionosphere: An Overview. <i>International Journal of Geophysics</i> , 2011 , 2011, 1-13	2	13
159	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	3.9	30
158	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	3.1	58
157	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. <i>Journal of Geophysical Research</i> , 2010 , 115,		276
156	Satellite detection of carbon monoxide emission prior to the Gujarat earthquake of 26 January 2001. <i>Applied Geochemistry</i> , 2010 , 25, 580-585	3.5	38
155	Satellite observations of the Wenchuan Earthquake, 12 May 2008. <i>International Journal of Remote Sensing</i> , 2010 , 31, 3335-3339	3.1	10
154	Use of vibration measurements in health monitoring of reinforced concrete buildings. <i>International Journal of Structural Integrity</i> , 2010 , 1, 209-232	1	2
153	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	2.4	12
152	Drifting ELF/VLF Emissions Observed at Low Latitude Ground Station During Geomagnetic Storm. <i>Earth, Moon and Planets</i> , 2010 , 106, 119-132	0.6	
151	Space Weather: Physics, Effects and Predictability. <i>Surveys in Geophysics</i> , 2010 , 31, 581-638	7.6	52
150	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures 2010 , 115,		1
149	Retrieval of sub-pixel snow cover information in the Himalayan region using medium and coarse resolution remote sensing data. <i>International Journal of Remote Sensing</i> , 2009 , 30, 4707-4731	3.1	21
148	Characteristics of low latitude ionospheric E-region irregularities linked with daytime VHF scintillations measured from Varanasi. <i>Journal of Earth System Science</i> , 2009 , 118, 721-732	1.8	17
147	Modelling of ground water recharge-potential in the hard-rock Aravalli terrain, India: a GIS approach. <i>Environmental Earth Sciences</i> , 2009 , 59, 929-938	2.9	30
146	Comparison of global chlorophyll concentrations using MODIS data. <i>Advances in Space Research</i> , 2009 , 43, 1090-1100	2.4	20
145	Variations of chlorophyll-a in the northeastern Indian Ocean after the 2004 South Asian tsunami. <i>International Journal of Remote Sensing</i> , 2009 , 30, 4553-4565	3.1	18
144	Variability of soil wetness and its relation with floods over the Indian subcontinent. <i>Canadian Journal of Remote Sensing</i> , 2009 , 35, 85-97	1.8	7

143	Validation of MODIS Terra, AIRS, NCEP/DOE AMIP-II Reanalysis-2, and AERONET Sun photometer derived integrated precipitable water vapor using ground-based GPS receivers over India. <i>Journal of Geophysical Research</i> , 2009 , 114,		91
142	Characteristics of quasi-periodic scintillations observed at low latitude. <i>Radio Science</i> , 2009 , 44, n/a-n/a	1.4	3
141	Two contrasting dust-dominant periods over India observed from MODIS and CALIPSO data. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	149
140	Enhancement of oceanic parameters associated with dust storms using satellite data. <i>Journal of Geophysical Research</i> , 2008 , 113,		63
139	ACOUSTICAL CHARACTERIZATION OF NANOSTRUCTURED METAL. <i>International Journal of Nanoscience</i> , 2008 , 07, 315-323	0.6	
138	Thunderstorms, Lightning, Sprites and Magnetospheric Whistler-Mode Radio Waves. <i>Surveys in Geophysics</i> , 2008 , 29, 499-551	7.6	34
137	Observations of unusual whistlers during daytime at Jammu. <i>Journal of Earth System Science</i> , 2008 , 117, 219-225	1.8	2
136	Use of vegetation index and meteorological parameters for the prediction of crop yield in India. <i>International Journal of Remote Sensing</i> , 2007 , 28, 5207-5235	3.1	40
135	Multi-sensor studies of the Sumatra earthquake and tsunami of 26 December 2004. <i>International Journal of Remote Sensing</i> , 2007 , 28, 2885-2896	3.1	39
134	Changes in aerosol parameters during major dust storm events (2001-2005) over the Indo-Gangetic Plains using AERONET and MODIS data. <i>Journal of Geophysical Research</i> , 2007 , 112,		166
133	Changes in Himalayan snow and glacier cover between 1972 and 2000. <i>Eos</i> , 2007 , 88, 326-326	1.5	23
132	Influence of a dust storm on carbon monoxide and water vapor over the Indo-Gangetic Plains. <i>Journal of Geophysical Research</i> , 2007 , 112,		32
131	Inter-annual variability of vegetation cover and rainfall over india. <i>Advances in Space Research</i> , 2007 , 39, 79-87	2.4	30
130	Comparison of MISR-MODIS aerosol optical depth over the Indo-Gangetic basin during the winter and summer seasons (2000-2005). <i>Remote Sensing of Environment</i> , 2007 , 107, 109-119	13.2	138
129	Aerosol radiative forcing over the Indo-Gangetic plains during major dust storms. <i>Atmospheric Environment</i> , 2007 , 41, 6289-6301	5.3	133
128	Effect of dust storm on ocean color and snow parameters 2007 , 35, 1-9		29
127	Propagation Characteristics and Generation Mechanism of ELF/VLF Hiss Observed at Low-latitude Ground Station (L = 1.17). <i>Earth, Moon and Planets</i> , 2007 , 100, 17-29	0.6	3
126	Features of discrete VLF emissions observed at Gulmarg, India during the magnetic storm of 6 th March, 1986. <i>Journal of Earth System Science</i> , 2007 , 116, 553-559	1.8	2

125	Sensitivity of rainfall on land cover change over South East Asia: Some observational results. <i>Advances in Space Research</i> , 2007 , 39, 73-78	2.4	9
124	Cover: Features of Hurricane Katrina using multi sensor data. <i>International Journal of Remote Sensing</i> , 2007 , 28, 4709-4713	3.1	2
123	Generic precursors to coastal earthquakes: Inferences from Denali fault earthquake. <i>Tectonophysics</i> , 2007 , 431, 231-240	3.1	23
122	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	2.4	109
121	Variability of aerosol optical depth and aerosol forcing over India. <i>Advances in Space Research</i> , 2006 , 37, 2153-2159	2.4	84
120	Potentiality of multi-sensor satellite data in mapping flood hazard 2006 , 34, 219-231		16
119	Thermal effects on parallel resonance energy of whistler mode wave 2006 , 66, 467-472		
118	Retrieval of black carbon and specific absorption over Kanpur city, northern India during 2001-2003 using AERONET data. <i>Atmospheric Environment</i> , 2006 , 40, 445-456	5.3	35
117	Influence of coal based thermal power plants on aerosol optical properties in the Indo-Gangetic basin. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	107
116	Crop yield estimation model for Iowa using remote sensing and surface parameters. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2006 , 8, 26-33	7.3	236
115	Thermal, atmospheric and ionospheric anomalies around the time of the Colima M7.8 earthquake of 21 January 2003. <i>Annales Geophysicae</i> , 2006 , 24, 835-849	2	91
114	Surface latent heat flux and nighttime LF anomalies prior to the M _w =8.3 Tokachi-Oki earthquake. <i>Natural Hazards and Earth System Sciences</i> , 2006 , 6, 109-114	3.9	49
113	An early warning system for coastal earthquakes. <i>Advances in Space Research</i> , 2006 , 37, 636-642	2.4	16
112	Dust storms detection over the Indo-Gangetic basin using multi sensor data. <i>Advances in Space Research</i> , 2006 , 37, 728-733	2.4	73
111	Anomalous increase of chlorophyll concentrations associated with earthquakes. <i>Advances in Space Research</i> , 2006 , 37, 671-680	2.4	26
110	Declining trend of total ozone column over the northern parts of India. <i>International Journal of Remote Sensing</i> , 2005 , 26, 3433-3440	3.1	59
109	Characteristics of meteorological parameters associated with Hurricane Isabel. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	18
108	Changes in stress pattern around epicentral region of Bhuj earthquake of 26 January 2001. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	21

107	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	2.4	44
106	A generation mechanism for discrete very low frequency emissions observed at Varanasi 2005 , 65, 1109-1114		
105	Extreme rainfall event of July 25-27, 2005 over Mumbai, West Coast, India 2005 , 33, 365-370		18
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