

Ramesh P. Singh

List of Publications by Citations

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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	Variability of aerosol parameters over Kanpur, northern India. <i>Journal of Geophysical Research</i> , 2004 , 109,		304
267	Influence of dust storms on the aerosol optical properties over the Indo-Gangetic basin. <i>Journal of Geophysical Research</i> , 2004 , 109,		288
266	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. <i>Journal of Geophysical Research</i> , 2010 , 115,		276
265	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
264	Decline in PM concentrations over major cities around the world associated with COVID-19. <i>Environmental Research</i> , 2020 , 187, 109634	7.9	199
263	Vegetation and temperature condition indices from NOAA AVHRR data for drought monitoring over India. <i>International Journal of Remote Sensing</i> , 2003 , 24, 4393-4402	3.1	193
262	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
261	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
260	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
259	Two contrasting dust-dominant periods over India observed from MODIS and CALIPSO data. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	149
258	Comparison of MODIS and AERONET derived aerosol optical depth over the Ganga Basin, India. <i>Annales Geophysicae</i> , 2005 , 23, 1093-1101	2	143
257	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
256	Aerosol radiative forcing over the Indo-Gangetic plains during major dust storms. <i>Atmospheric Environment</i> , 2007 , 41, 6289-6301	5.3	133
255	Surface latent heat flux as an earthquake precursor. <i>Natural Hazards and Earth System Sciences</i> , 2003 , 3, 749-755	3.9	119
254	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
253	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
252	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

251	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
250	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
249	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
248	Variability of aerosol optical depth and aerosol forcing over India. <i>Advances in Space Research</i> , 2006 , 37, 2153-2159	2.4	84
247	Crop Residue Burning: A Threat to South Asian Air Quality. <i>Eos</i> , 2014 , 95, 333-334	1.5	81
246	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
245	On the longitude dependence of total ozone trends over middle-latitudes. <i>International Journal of Remote Sensing</i> , 2003 , 24, 1361-1367	3.1	76
244	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
243	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
242	Contrasting aerosol trends over South Asia during the last decade based on MODIS observations 2011 ,		68
241	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
240	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
239	Enhancement of oceanic parameters associated with dust storms using satellite data. <i>Journal of Geophysical Research</i> , 2008 , 113,		63
238	Meteorological, atmospheric and climatic perturbations during major dust storms over Indo-Gangetic Basin. <i>Aeolian Research</i> , 2015 , 17, 15-31	3.9	59
237	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
236	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
235	Anomalous changes in column water vapor after Gujarat earthquake. <i>Advances in Space Research</i> , 2004 , 33, 274-278	2.4	54
234	Space Weather: Physics, Effects and Predictability. <i>Surveys in Geophysics</i> , 2010 , 31, 581-638	7.6	52

233	Attenuation relations for strong seismic ground motion in the Himalayan region. <i>Pure and Applied Geophysics</i> , 1996 , 147, 161-180	2.2	52
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	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
230	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
229	Solar Activity, Lightning and Climate. <i>Surveys in Geophysics</i> , 2011 , 32, 659-703	7.6	49
228	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
227	Variability of aerosol optical depth over indian subcontinent using modis data 2004 , 32, 313-316		44
226	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
225	Prediction of subsidence due to coal mining in Raniganj coalfield, West Bengal, India. <i>Engineering Geology</i> , 1995 , 39, 103-111	6	44
224	Synoptic weather conditions and aerosol episodes over Indo-Gangetic Plains, India. <i>Climate Dynamics</i> , 2014 , 43, 2313-2331	4.2	41
223	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
222	Automatic building extraction from laser scanning data: an input tool for disaster management. <i>Advances in Space Research</i> , 2004 , 33, 317-322	2.4	40
221	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
220	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
219	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
218	Wavelet maxima curves of surface latent heat flux associated with two recent Greek earthquakes. <i>Natural Hazards and Earth System Sciences</i> , 2004 , 4, 359-374	3.9	37
217	Comparison of chlorophyll distributions in the northeastern Arabian Sea and southern Bay of Bengal using IRS-P4 Ocean Color Monitor data. <i>Remote Sensing of Environment</i> , 2003 , 85, 424-428	13.2	37
216	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

215	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
214	Further evidences for the weakening relationship of Indian rainfall and ENSO over India. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	36
213	Changes observed in land and ocean after Gujarat earthquake of 26 January 2001 using IRS data. <i>International Journal of Remote Sensing</i> , 2002 , 23, 3123-3128	3.1	36
212	Neotectonic study of Ganga and Yamuna tear faults, NW Himalaya, using remote sensing and GIS. <i>International Journal of Remote Sensing</i> , 2000 , 21, 499-518	3.1	36
211	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
210	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
209	Thunderstorms, Lightning, Sprites and Magnetospheric Whistler-Mode Radio Waves. <i>Surveys in Geophysics</i> , 2008 , 29, 499-551	7.6	34
208	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
207	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
206	Wavelet maxima curves of surface latent heat flux anomalies associated with Indian earthquakes. <i>Natural Hazards and Earth System Sciences</i> , 2005 , 5, 87-99	3.9	33
205	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
204	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
203	The electrical environment of the Earth's atmosphere: A review. <i>Space Science Reviews</i> , 2004 , 113, 375-408	4.5	32
202	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
201	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
200	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
199	Inter-annual variability of vegetation cover and rainfall over india. <i>Advances in Space Research</i> , 2007 , 39, 79-87	2.4	30
198	Changes in atmospheric aerosol parameters after Gujarat earthquake of January 26, 2001. <i>Advances in Space Research</i> , 2004 , 33, 254-258	2.4	30

197	Change analysis using IRS-P4 OCM data after the Orissa super cyclone. <i>International Journal of Remote Sensing</i> , 2001 , 22, 1383-1389	3.1	30
196	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
195	Effect of dust storm on ocean color and snow parameters 2007 , 35, 1-9		29
194	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
193	Anomalous increase of chlorophyll concentrations associated with earthquakes. <i>Advances in Space Research</i> , 2006 , 37, 671-680	2.4	26
192	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
191	Effect of El Niño on inter-annual variability of ozone during the period 1978-2000 over the Indian subcontinent and China. <i>International Journal of Remote Sensing</i> , 2002 , 23, 2449-2456	3.1	24
190	Changes in Himalayan snow and glacier cover between 1972 and 2000. <i>Eos</i> , 2007 , 88, 326-326	1.5	23
189	Generic precursors to coastal earthquakes: Inferences from Denali fault earthquake. <i>Tectonophysics</i> , 2007 , 431, 231-240	3.1	23
188	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
187	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
186	Discharges in the Stratosphere and Mesosphere. <i>Space Science Reviews</i> , 2012 , 169, 73-121	7.5	21
185	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
184	Changes in stress pattern around epicentral region of Bhuj earthquake of 26 January 2001. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	21
183	Cosmic ray ionization of lower Venus atmosphere. <i>Earth, Moon and Planets</i> , 1994 , 65, 89-94	0.6	21
182	Technical note Use of microwave remote sensing in salinity estimation. <i>International Journal of Remote Sensing</i> , 1990 , 11, 321-330	3.1	21
181	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
180	Solar flare induced D-region ionospheric perturbations evaluated from VLF measurements. <i>Astrophysics and Space Science</i> , 2014 , 350, 1-9	1.6	20

179	Comparison of global chlorophyll concentrations using MODIS data. <i>Advances in Space Research</i> , 2009 , 43, 1090-1100	2.4	20
178	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
177	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
176	Mapping of waterlogged and salt-affected soils using microwave radiometers. <i>International Journal of Remote Sensing</i> , 1990 , 11, 1879-1887	3.1	19
175	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
174	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
173	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
172	Characteristics of meteorological parameters associated with Hurricane Isabel. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	18
171	Extreme rainfall event of July 25-27, 2005 over Mumbai, West Coast, India 2005 , 33, 365-370		18
170	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
169	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
168	Potentiality of multi-sensor satellite data in mapping flood hazard 2006 , 34, 219-231		16
167	An early warning system for coastal earthquakes. <i>Advances in Space Research</i> , 2006 , 37, 636-642	2.4	16
166	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
165	Groundwater level response to the Wenchuan earthquake of May 2008. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 336-352	3.6	15
164	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
163	Changes in ocean properties associated with Hurricane Isabel. <i>International Journal of Remote Sensing</i> , 2005 , 26, 643-649	3.1	15
162	Total precipitable water over the Arabian Ocean and the Bay of Bengal using SSM/I data. <i>International Journal of Remote Sensing</i> , 2000 , 21, 2497-2503	3.1	15

161	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
160	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
159	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
158	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
157	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
156	Electrodynamical Coupling of Earth's Atmosphere and Ionosphere: An Overview. <i>International Journal of Geophysics</i> , 2011 , 2011, 1-13	2	13
155	Comparison of various data fusion for surface features extraction using IRS pan and LISS-III data. <i>Advances in Space Research</i> , 2002 , 29, 73-78	2.4	13
154	Spatial and temporal variability of soil moisture over India using IRS P4 MSMR data. <i>International Journal of Remote Sensing</i> , 2005 , 26, 2241-2247	3.1	13
153	Propagational features of higher harmonic tweeks at low latitudes. <i>Earth, Moon and Planets</i> , 1996 , 73, 277-290	0.6	13
152	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
151	Lightning Discharges, Cosmic Rays and Climate. <i>Surveys in Geophysics</i> , 2018 , 39, 861-899	7.6	12
150	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
149	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
148	Retrieval of water vapor using SSM/I and its relation with the onset of monsoon. <i>Annales Geophysicae</i> , 2004 , 22, 3079-3083	2	12
147	Effect of clay and salinity on the dielectric properties of rock. <i>Journal of Geophysical Research</i> , 1985 , 90, 8793-8800		12
146	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
145	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
144	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

143	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
142	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
141	Comparison of aerosol radiative forcing over the Arabian Sea and the Bay of Bengal. <i>Advances in Space Research</i> , 2004 , 33, 1104-1108	2.4	11
140	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
139	Temporal and spatial deviation in F2 peak parameters derived from FORMOSAT-3/COSMIC. <i>Space Weather</i> , 2016 , 14, 391-405	3.7	10
138	Satellite observations of the Wenchuan Earthquake, 12 May 2008. <i>International Journal of Remote Sensing</i> , 2010 , 31, 3335-3339	3.1	10
137	Hisslers: Quasi-periodic VLF noise forms observed at low latitude ground station Jammu (L = 1.17). <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	10
136	Coseismic Groundwater Temperature Response Associated with the Wenchuan Earthquake. <i>Pure and Applied Geophysics</i> , 2020 , 177, 109-120	2.2	10
135	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
134	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
133	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
132	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
131	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
130	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
129	Anomalous changes in meteorological parameters along the track of 2017 Hurricane Harvey. <i>Remote Sensing Letters</i> , 2018 , 9, 487-496	2.3	9
128	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
127	Attenuation relation predicted observed ground motion of Gorkha Nepal earthquake of April 25, 2015. <i>Natural Hazards</i> , 2016 , 80, 311-328	3	9
126	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

125	Hiss emissions during quiet and disturbed periods 2002 , 59, 563-573		9
124	Surface manifestation over a subsurface ridge. <i>International Journal of Remote Sensing</i> , 1999 , 20, 3461-3466		9
123	Spectral reflectance properties of different types of soil surfaces. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 1994 , 49, 34-40	11.8	9
122	Observations and Modelling of Nocturnal Ionospheric Irregularities in Low Latitude Region.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1997 , 49, 1115-1129		9
121	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
120	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
119	Regional Forest Volume Estimation by Expanding LiDAR Samples Using Multi-Sensor Satellite Data. <i>Remote Sensing</i> , 2020 , 12, 360	5	8
118	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
117	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
116	Deep electrical conductivity structure beneath the southern part of the Indo-gangetic plains. <i>Physics of the Earth and Planetary Interiors</i> , 1995 , 88, 273-283	2.3	8
115	RAYPTA new inversion technique for geotomographic data. <i>Geophysics</i> , 1991 , 56, 1215-1227	3.1	8
114	Dielectric properties and microwave remote sensing. <i>Advances in Space Research</i> , 1984 , 4, 97-101	2.4	8
113	Whistlers recorded at Varanasi. <i>Nature</i> , 1977 , 266, 40-41	50.4	8
112	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
111	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
110	Impact of tropical cyclone "Fani" on land, ocean, atmospheric and meteorological parameters. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111844	6.7	8
109	June 19 2015 Rainfall Event Over Mumbai: Some Observational Analysis 2017 , 45, 185-192		7
108	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

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