

Nicola Pergola

List of Publications by Year in descending order

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149
papers

2,878
citations

201385

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h-index

233125

45
g-index

171
all docs

171
docs citations

171
times ranked

1958
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping and characterizing the K��lauea (Hawaii��) lava lake through Sentinel-2 MSI and Landsat-8 OLI observations of December 2020��February 2021. Environmental Modelling and Software, 2022, 148, 105273.	1.9	7
2	Integrated Satellite System for Fire Detection and Prioritization. Remote Sensing, 2022, 14, 335.	1.8	8
3	A Daytime Multisensor Satellite System for Global Gas Flaring Monitoring. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	10
4	RST Analysis of Anomalous TIR Sequences in Relation with Earthquakes Occurred in Turkey in the Period 2004��2015. Remote Sensing, 2022, 14, 381.	1.8	16
5	Robust Satellite-Based Identification and Monitoring of Forests Having Undergone Climate-Change-Related Stress. Land, 2022, 11, 825.	1.2	4
6	Investigating Phases of Thermal Unrest at Ambrym (Vanuatu) Volcano through the Normalized Hot Spot Indices Tool and the Integration with the MIROVA System. Remote Sensing, 2022, 14, 3136.	1.8	2
7	Statistical Correlation Analysis Between Thermal Infrared Anomalies Observed From MTSATs and Large Earthquakes Occurred in Japan (2005��2015). Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020108.	1.4	31
8	Implementation of the NHI (Normalized Hot Spot Indices) Algorithm on Infrared ASTER Data: Results and Future Perspectives. Sensors, 2021, 21, 1538.	2.1	10
9	Implementation of Robust Satellite Techniques for Volcanoes on ASTER Data under the Google Earth Engine Platform. Applied Sciences (Switzerland), 2021, 11, 4201.	1.3	6
10	Mt. Etna Paroxysms of February��April 2021 Monitored and Quantified through a Multi-Platform Satellite Observing System. Remote Sensing, 2021, 13, 3074.	1.8	17
11	Quantifying the Variability of Phytoplankton Blooms in the NW Mediterranean Sea with the Robust Satellite Techniques (RST). Remote Sensing, 2021, 13, 5151.	1.8	3
12	The impact of drought spells on forests depends on site conditions: The case of 2017 summer heat wave in southern Europe. Global Change Biology, 2020, 26, 851-863.	4.2	83
13	A Google Earth Engine Tool to Investigate, Map and Monitor Volcanic Thermal Anomalies at Global Scale by Means of Mid-High Spatial Resolution Satellite Data. Remote Sensing, 2020, 12, 3232.	1.8	31
14	Modeling and Multi-Temporal Characterization of Total Suspended Matter by the Combined Use of Sentinel 2-MSI and Landsat 8-OLI Data: The Pertusillo Lake Case Study (Italy). Remote Sensing, 2020, 12, 2147.	1.8	23
15	The VIIRS-Based RST-FLARE Configuration: The Val d��Agri Oil Center Gas Flaring Investigation in Between 2015��2019. Remote Sensing, 2020, 12, 819.	1.8	7
16	Validation of Ash/Dust Detections from SEVIRI Data Using ACTRIS/EARLINET Ground-Based LIDAR Measurements. Remote Sensing, 2020, 12, 1172.	1.8	1
17	The Cordinet Project: Analysis of the Barriers Limiting a More Diffuse and Systematic Use of Earth Observation Copernicus-Based Solutions. , 2020, , .		0
18	Toward the development of a multi parametric system for a short-term assessment of the seismic hazard in Italy. Annals of Geophysics, 2020, 63, .	0.5	5

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19	Tropospheric and Ionospheric Anomalies Induced by Volcanic and Saharan Dust Events as Part of Geosphere Interaction Phenomena. <i>Geosciences (Switzerland)</i> , 2019, 9, 177.	1.0	13
20	Investigating Volcanic Plumes from Mt. Etna Eruptions of December 2015 by Means of AVHRR and SEVIRI Data. <i>Sensors</i> , 2019, 19, 1174.	2.1	2
21	On the Potential of RST-FLOOD on Visible Infrared Imaging Radiometer Suite Data for Flooded Areas Detection. <i>Remote Sensing</i> , 2019, 11, 598.	1.8	7
22	The July/August 2019 Lava Flows at the Sciara del Fuoco, Stromboli—Analysis from Multi-Sensor Infrared Satellite Imagery. <i>Remote Sensing</i> , 2019, 11, 2879.	1.8	29
23	Improving the RST-OIL Algorithm for Oil Spill Detection under Severe Sun Glint Conditions. <i>Remote Sensing</i> , 2019, 11, 2762.	1.8	7
24	A Multi-Channel Algorithm for Mapping Volcanic Thermal Anomalies by Means of Sentinel-2 MSI and Landsat-8 OLI Data. <i>Remote Sensing</i> , 2019, 11, 2876.	1.8	42
25	Investigating the chlorophyll-a variability in the Gulf of Taranto (North-western Ionian Sea) by a multi-temporal analysis of MODIS-Aqua Level 3/Level 2 data. <i>Continental Shelf Research</i> , 2018, 155, 34-44.	0.9	12
26	On the use of temporal vegetation indices in support of eligibility controls for EU aids in agriculture. <i>International Journal of Remote Sensing</i> , 2018, 39, 4572-4598.	1.3	5
27	The Contribution of Multi-Sensor Infrared Satellite Observations to Monitor Mt. Etna (Italy) Activity during May to August 2016. <i>Remote Sensing</i> , 2018, 10, 1948.	1.8	26
28	Analyzing the December 2013 Metaponto Plain (Southern Italy) Flood Event by Integrating Optical Sensors Satellite Data. <i>Hydrology</i> , 2018, 5, 43.	1.3	4
29	On the Potential of the RST-FLARE Algorithm for Gas Flaring Characterization from Space. <i>Sensors</i> , 2018, 18, 2466.	2.1	12
30	Assessing Performance of the RSTVOLC Multi-Temporal Algorithm in Detecting Subtle Hot Spots at Oldoinyo Lengai (Tanzania, Africa) for Comparison with MODLEN. <i>Remote Sensing</i> , 2018, 10, 1177.	1.8	4
31	Evaluation of MODIS—Aqua Chlorophyll-a Algorithms in the Basilicata Ionian Coastal Waters. <i>Remote Sensing</i> , 2018, 10, 987.	1.8	10
32	Monitoring the Agung (Indonesia) Ash Plume of November 2017 by Means of Infrared Himawari 8 Data. <i>Remote Sensing</i> , 2018, 10, 919.	1.8	18
33	Comparing Two Independent Satellite-Based Algorithms for Detecting and Tracking Ash Clouds by Using SEVIRI Sensor. <i>Sensors</i> , 2018, 18, 369.	2.1	8
34	Issues and Possible Improvements in Winter Fires Detection by Satellite Radiances Analysis: Lesson Learned in Two Regions of Northern Italy. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 3297-3313.	2.3	10
35	Erratum to “RST-FIRES, an exportable algorithm for early-fire detection and monitoring: Description, implementation, and field validation in the case of the MSG-SEVIRI sensor” [Remote Sens. Environ. 186 (2016) 196–216]. <i>Remote Sensing of Environment</i> , 2017, 192, e1.	4.6	0
36	A MODIS-Based Robust Satellite Technique (RST) for Timely Detection of Oil Spilled Areas. <i>Remote Sensing</i> , 2017, 9, 128.	1.8	23

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37	An Enhanced Satellite-Based Algorithm for Detecting and Tracking Dust Outbreaks by Means of SEVIRI Data. <i>Remote Sensing</i> , 2017, 9, 537.	1.8	24
38	On the Potential of Robust Satellite Techniques Approach for SPM Monitoring in Coastal Waters: Implementation and Application over the Basilicata Ionian Coastal Waters Using MODIS. <i>Remote Sensing</i> , 2016, 8, 922.	1.8	16
39	Results of the first Wave Glider experiment in the southern Tyrrhenian Sea. <i>Advances in Oceanography and Limnology</i> , 2016, 7, .	0.2	23
40	Conclusion: recommendations and findings of the RED SEED working group. <i>Geological Society Special Publication</i> , 2016, 426, 567-648.	0.8	12
41	Long-Term RST Analysis of Anomalous TIR Sequences in Relation with Earthquakes Occurred in Greece in the Period 2004-2013. <i>Pure and Applied Geophysics</i> , 2016, 173, 285-303.	0.8	55
42	RST-FIRES, an exportable algorithm for early-fire detection and monitoring: description, implementation, and field validation in the case of the MSG-SEVIRI sensor. <i>Remote Sensing of Environment</i> , 2016, 186, 196-216.	4.6	26
43	On the potential of an RST-based analysis of the MODIS-derived chl-a product over Condor seamount and surrounding areas (Azores, NE Atlantic). <i>Ocean Dynamics</i> , 2016, 66, 1165-1180.	0.9	7
44	Testing a geographical information system for damage and evacuation assessment during an effusive volcanic crisis. <i>Geological Society Special Publication</i> , 2016, 426, 649-672.	0.8	7
45	An innovative system for sharing, integration and visualization of heterogeneous 4D-information. <i>Environmental Modelling and Software</i> , 2016, 77, 50-62.	1.9	4
46	A review of RSTVOLC, an original algorithm for automatic detection and near-real-time monitoring of volcanic hotspots from space. <i>Geological Society Special Publication</i> , 2016, 426, 55-72.	0.8	22
47	Integration of Optical and Passive Microwave Satellite Data for Flooded Area Detection and Monitoring. , 2015, , 631-635.		3
48	Robust Satellite Techniques (RST) for monitoring earthquake prone areas by satellite TIR observations: The case of 1999 Chi-Chi earthquake (Taiwan). <i>Journal of Asian Earth Sciences</i> , 2015, 114, 289-298.	1.0	47
49	Reducing atmospheric noise in RST analysis of TIR satellite radiances for earthquakes prone areas satellite monitoring. <i>Physics and Chemistry of the Earth</i> , 2015, 85-86, 87-97.	1.2	21
50	DORIS_Net: enhancing the regional impact of COPERNICUS program by setting up the European Network of Regional Contact Offices. <i>European Journal of Remote Sensing</i> , 2014, 47, 29-43.	1.7	2
51	Thermal Monitoring of Eyjafjall Volcano Eruptions by Means of Infrared MODIS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 3393-3401.	2.3	13
52	A retrospective analysis of the Shinmoedake (Japan) eruption of 26-27 January 2011 by means of Japanese geostationary satellite data. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 269, 1-13.	0.8	29
53	Identification of dust outbreaks on infrared MSG-SEVIRI data by using a Robust Satellite Technique (RST). <i>Acta Astronautica</i> , 2014, 93, 64-70.	1.7	28
54	Long term TIR satellite monitoring over Europe, US and Asian Regions: Results and possible implications for an Integrated System for a time-Dependent Assessment of Seismic Hazard (t-DASH). , 2014, , .		1

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55	A satellite-based analysis of the Val d'Agri Oil Center (southern Italy) gas flaring emissions. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 2783-2793.	1.5	19
56	A Multi-Sensor Exportable Approach for Automatic Flooded Areas Detection and Monitoring by a Composite Satellite Constellation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 2136-2149.	2.7	7
57	Toward the estimation of river discharge variations using MODIS data in ungauged basins. <i>Remote Sensing of Environment</i> , 2013, 136, 47-55.	4.6	88
58	On the possible origin of thermal infrared radiation (TIR) anomalies in earthquake-prone areas observed using robust satellite techniques (RST). <i>Chemical Geology</i> , 2013, 339, 157-168.	1.4	79
59	A Multitemporal Investigation of AMSR-E C-Band Radio-Frequency Interference. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 2007-2015.	2.7	10
60	A New Approach for Detecting and Monitoring Saharan Dusts from Space. <i>Geoinformatics & Geostatistics an Overview</i> , 2013, s1, .	0.2	2
61	A long-term investigation of AMSR-E Radio Frequency Interference. , 2012, , .		0
62	A global passive microwave based wetness index for the monitoring of soil moisture and inundation. , 2012, , .		2
63	A multi-sensor (SMOS, AMSR-E and ASCAT) satellite-based soil moisture products inter-comparison. , 2012, , .		5
64	PRE-EARTHQUAKES, an FP7 project for integrating observations and knowledges on earthquake precursors: Preliminary results and strategy. , 2012, , .		2
65	A comprehensive analysis of AMSRE C- and X-bands Radio Frequency Interferences. , 2012, , .		3
66	Monitoring of soil moisture using a microwave based variational wetness index. , 2012, , .		1
67	Rapid response for flood detection implementing the RST approach on MSG/SEVIRI data. , 2012, , .		0
68	A First Assessment of the SMOS Soil Moisture Product With In Situ and Modeled Data in Italy and Luxembourg. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 1612-1622.	2.7	73
69	Soil moisture variability estimation through AMSU radiometer. <i>European Journal of Remote Sensing</i> , 2012, 45, 89-97.	1.7	1
70	Inferring phases of thermal unrest at Mt. Asama (Japan) from infrared satellite observations. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 237-238, 10-18.	0.8	23
71	An advanced tool of the CNR IMAA EO facilities: Overview of the TASI-600 hyperspectral thermal spectrometer. , 2011, , .		12
72	Robust Satellite Techniques for oil spill detection and monitoring using AVHRR thermal infrared bands. <i>International Journal of Remote Sensing</i> , 2011, 32, 4107-4129.	1.3	24

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73	A New RST-Based Approach for Continuous Oil Spill Detection in TIR Range: The Case of the Deepwater Horizon Platform in the Gulf of Mexico. Geophysical Monograph Series, 2011, , 19-31.	0.1	6
74	On the use of AMSU-based products for the description of soil water content at basin scale. Hydrology and Earth System Sciences, 2011, 15, 2839-2852.	1.9	13
75	An improved RST approach for timely alert and Near Real Time monitoring of oil spill disasters by using AVHRR data. Natural Hazards and Earth System Sciences, 2011, 11, 1281-1291.	1.5	24
76	Assessment and improvement of a robust satellite technique (RST) for thermal monitoring of volcanoes. Remote Sensing of Environment, 2011, 115, 1556-1563.	4.6	30
77	River discharge estimation through MODIS data. , 2011, , .		6
78	Assessment and validation in time domain of a Robust Satellite Technique (RST_{ASH}) for ash cloud detection. Geomatics, Natural Hazards and Risk, 2011, 2, 247-262.	2.0	5
79	Volcanic ash cloud detection from space: a comparison between the RSTASH technique and the water vapour corrected BTD procedure. Geomatics, Natural Hazards and Risk, 2011, 2, 263-277.	2.0	9
80	Monitoring turbidity in the Ionical coast during extreme events by applying a Robust Satellite Technique (RST) to MODIS imagery. , 2011, , .		1
81	RSTVOLC implementation on MODIS data for monitoring of thermal volcanic activity. Annals of Geophysics, 2011, 54, .	0.5	2
82	Soil moisture variations monitoring by AMSU-based soil wetness indices: A long-term inter-comparison with ground measurements. Remote Sensing of Environment, 2010, 114, 2317-2325.	4.6	25
83	On the Exportability of Robust Satellite Techniques (RST) for Active Volcano Monitoring. Remote Sensing, 2010, 2, 1575-1588.	1.8	24
84	A study on the Abruzzo 6 April 2009 earthquake by applying the RST approach to 15 years of AVHRR TIR observations. Natural Hazards and Earth System Sciences, 2010, 10, 395-406.	1.5	42
85	Using RST approach and EOS-MODIS radiances for monitoring seismically active regions: a study on the 6 April 2009 Abruzzo earthquake. Natural Hazards and Earth System Sciences, 2010, 10, 239-249.	1.5	53
86	On the potential of the AMSR-E based Polarization Ratio Variation Index (PRVI) for soil wetness variations monitoring. , 2010, , .		1
87	A RST-Based study of AMSRE C-band radio frequency interferences. , 2010, , .		2
88	Robust Satellite Techniques (RST) for active volcanoes monitoring. , 2010, , .		3
89	Satellite oil spill detection and monitoring in the optical range. , 2010, , .		6
90	On the potential of Robust Satellite Technique (RST) approach for flooded areas detection and monitoring using thermal infrared data. , 2010, , .		1

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91	A multi-sensors analysis of RST-based thermal anomalies in the case of the Abruzzo earthquake. , 2010, , .		6
92	A Robust Satellite Technique (RST) for dust storm detection and monitoring: The case of 2009 Australian event. , 2010, , .		5
93	Improving flood monitoring by the Robust AVHRR Technique (RAT) approach: the case of the April 2000 Hungary flood. International Journal of Remote Sensing, 2010, 31, 2043-2062.	1.3	24
94	RST analysis of MSG-SEVIRI TIR radiances at the time of the Abruzzo 6 April 2009 earthquake. Natural Hazards and Earth System Sciences, 2009, 9, 2073-2084.	1.5	55
95	Robust satellite techniques for thermal volcanic activity monitoring, early warning and possible prediction of new eruptive events. , 2009, , .		4
96	Fisher information measure of temporal fluctuations in satellite advanced very high resolution radiometer (AVHRR) thermal signals recorded in the volcanic area of Etna (Italy). Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 174-181.	1.7	8
97	Robust Satellite Techniques (RST) for monitoring thermal anomalies in seismically active areas. , 2009, , .		5
98	Time domain analysis of robust satellite techniques (RST) for near real-time monitoring of active volcanoes and thermal precursor identification. Physics and Chemistry of the Earth, 2009, 34, 380-385.	1.2	27
99	Detection of Saharan dust by spatial/spectral signatures in VIS-TIR satellite radiances. , 2009, , .		0
100	Advanced multi-temporal passive microwave data analysis for soil wetness monitoring and flood risk forecast. , 2009, , .		9
101	Real time monitoring of flooded areas by a multi-temporal analysis of optical satellite data. , 2009, , .		6
102	Near real time oil spill detection and monitoring using satellite optical data. , 2009, , .		7
103	Advanced satellite technique for volcanic activity monitoring and early warning. Annals of Geophysics, 2009, 51, .	0.5	6
104	Robust TIR satellite techniques for monitoring earthquake active regions: limits, main achievements and perspectives. Annals of Geophysics, 2009, 51, .	0.5	19
105	Robust satellite techniques for volcanic and seismic hazards monitoring. Annals of Geophysics, 2009, 47, .	0.5	24
106	Robust satellite techniques for monitoring volcanic eruptions. Annals of Geophysics, 2009, 44, .	0.5	9
107	Robust satellite techniques for remote sensing of seismically active areas. Annals of Geophysics, 2009, 44, .	0.5	50
108	Early Warnings and Alerts. , 2009, , 189-209.		0

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109	Aerial remote sensing hyperspectral techniques for rocky outcrops mapping. <i>Annals of Geophysics</i> , 2009, 45, .	0.5	1
110	Robust satellite techniques (RST) for the thermal monitoring of earthquake prone areas: the case of Umbria-Marche October, 1997 seismic events. <i>Annals of Geophysics</i> , 2009, 51, .	0.5	12
111	Hot spot detection and effusion rate estimation using satellite data to drive lava flow simulations. , 2008, , .		2
112	Assessment of the Robust Satellite Technique (RST) for volcanic ash plume identification and tracking. , 2008, , .		11
113	Robust Satellite Techniques for monitoring TIR anomalies in seismogenic areas. , 2008, , .		7
114	Robust Satellite Techniques (RST) for Pipeline Network Monitoring. , 2007, , .		2
115	A robust satellite technique for monitoring seismically active areas: The case of Bhujâ€“Gujarat earthquake. <i>Tectonophysics</i> , 2007, 431, 197-210.	0.9	76
116	A Robust Multitemporal Satellite Technique for Volcanic Activity Monitoring: Possible Impacts on Volcanic Hazard Mitigation. , 2007, , .		12
117	A Multi-temporal Robust Satellite Technique (RST) for Forest Fire Detection. , 2007, , .		23
118	Monitoring Soil Wetness Variation by a Multi-Temporal Passive Microwave Technique. , 2007, , .		7
119	Robust Satellite Techniques (RST) for Oil Spill Detection and Monitoring. , 2007, , .		23
120	Robust Satellite Techniques (RST) for Seismically Active Areas Monitoring: the Case of 21st May, 2003 Boumerdes/Thenia (Algeria) Earthquake. , 2007, , .		22
121	Fisher information analysis of volcano-related advanced, very-high-resolution radiometer (AVHRR) thermal products time series. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 384, 529-534.	1.2	7
122	Assessing RAT (Robust AVHRR Techniques) performances for volcanic ash cloud detection and monitoring in near real-time: The 2002 eruption of Mt. Etna (Italy). <i>Remote Sensing of Environment</i> , 2007, 107, 440-454.	4.6	36
123	Spaceâ€“time soil wetness variations monitoring by a multi-temporal microwave satellite records analysis. <i>Physics and Chemistry of the Earth</i> , 2006, 31, 1274-1283.	1.2	23
124	INVESTIGATING THE TEMPORAL FLUCTUATIONS IN SATELLITE ADVANCED VERY HIGH RESOLUTION RADIOMETER THERMAL SIGNALS MEASURED IN THE VOLCANIC AREA OF ETNA (ITALY). <i>Fluctuation and Noise Letters</i> , 2006, 06, L305-L316.	1.0	18
125	Improving soil wetness variations monitoring from passive microwave satellite data: The case of April 2000 Hungary flood. <i>Remote Sensing of Environment</i> , 2005, 96, 135-148.	4.6	54
126	Assessing the potential of thermal infrared satellite surveys for monitoring seismically active areas: The case of Kocaeli (Ä°zmit) earthquake, August 17, 1999. <i>Remote Sensing of Environment</i> , 2005, 96, 409-426.	4.6	192

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127	Monitoring soil wetness variations by means of satellite passive microwave observations: the HYDROPTIMET study cases. <i>Natural Hazards and Earth System Sciences</i> , 2005, 5, 583-592.	1.5	29
128	AVHRR automated detection of volcanic clouds. <i>International Journal of Remote Sensing</i> , 2005, 26, 9-28.	1.3	29
129	Seismically active area monitoring by robust TIR satellite techniques: a sensitivity analysis on low magnitude earthquakes in Greece and Turkey. <i>Natural Hazards and Earth System Sciences</i> , 2005, 5, 101-108.	1.5	33
130	Improving volcanic ash cloud detection by a robust satellite technique. <i>Remote Sensing of Environment</i> , 2004, 90, 1-22.	4.6	83
131	Automated detection of thermal features of active volcanoes by means of infrared AVHRR records. <i>Remote Sensing of Environment</i> , 2004, 93, 311-327.	4.6	98
132	Raman lidar observations of aerosol emitted during the 2002 Etna eruption. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	58
133	Robust satellite techniques for seismically active areas monitoring: a sensitivity analysis on September 7, 1999 Athens's earthquake. <i>Physics and Chemistry of the Earth</i> , 2004, 29, 517-527.	1.2	93
134	A self-sufficient approach for GERB cloudy radiance detection. <i>Atmospheric Research</i> , 2004, 72, 39-56.	1.8	58
135	Two years of operational use of Subpixel Automatic Navigation of AVHRR scheme: accuracy assessment and validation. <i>Remote Sensing of Environment</i> , 2003, 85, 190-203.	4.6	23
136	<title>Pollino Project Action D: a multiscale approach in the space-time domain to environmental risk monitoring</title>. , 2002, , .		4
137	<title>Automatic recognition of rocky outcrops from MIVIS data: a test case on a selected area of the Pollino National Park (southern Italy)</title>. , 2002, 4545, 196.		0
138	Fractality in broken clouds and the scan geometry of new satellite-borne infrared sensors. <i>International Journal of Remote Sensing</i> , 2001, 22, 889-894.	1.3	4
139	SANA: Sub-pixel automatic navigation of AVHRR imagery. <i>International Journal of Remote Sensing</i> , 2000, 21, 2519-2524.	1.3	27
140	<title>Atmospheric water vapor measurements using ground- and satellite-based instrumentation and radiosonde</title>. , 2000, 4070, 73.		0
141	Forest fire danger estimation based on the integration of satellite AVHRR data and topographic factors. , 1999, 3868, 241.		5
142	Satellite remote sensing of volcanic aerosols: a new AVHRR-based approach. , 1998, , .		3
143	In place merging of satellite based atmospheric water vapour measurements. <i>International Journal of Remote Sensing</i> , 1997, 18, 3649-3668.	1.3	8
144	Test of a back-action evading scheme on a cryogenic gravitational wave antenna. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 215, 141-148.	0.9	7

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145	<title>Satellite- and ground-based atmospheric water vapor measurements: a comparative study</title>. , 1995, 2506, 372.		0
146	Signal-to-noise ratio analysis for a back-action-evading measurement on a double harmonic oscillator. Physical Review D, 1994, 50, 3596-3607.	1.6	6
147	Performances of a super conductive parabridge transducer for liquidhelium temperature applications. Cryogenics, 1994, 34, 443-447.	0.9	1
148	Observation of the Brownian motion of a mechanical oscillator by means of a back action evading system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 180, 43-49.	0.9	10
149	Assessing the potential of <i>SWVI</i> (Soil Wetness Variation Index) for hydrological risk monitoring by means of satellite microwave observations. Advances in Geosciences, 0, 2, 221-227.	12.0	12