

# Valerio Tramutoli

## List of Publications by Year in descending order

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154  
papers

3,068  
citations

230014

27  
h-index

263392

45  
g-index

176  
all docs

176  
docs citations

176  
times ranked

2151  
citing authors

#	ARTICLE	IF	CITATIONS
1	RST Analysis of Anomalous TIR Sequences in Relation with Earthquakes Occurred in Turkey in the Period 2004â€“2015. <i>Remote Sensing</i> , 2022, 14, 381.	1.8	16
2	Robust Satellite-Based Identification and Monitoring of Forests Having Undergone Climate-Change-Related Stress. <i>Land</i> , 2022, 11, 825.	1.2	4
3	Monitoring temporal variations in the geothermal activity of Miocene Lesvos volcanic field using remote sensing techniques and MODIS â€“ LST imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 95, 102251.	1.4	4
4	Atmospheric and ionospheric coupling phenomena associated with large earthquakes. <i>European Physical Journal: Special Topics</i> , 2021, 230, 197-225.	1.2	24
5	Statistical Correlation Analysis Between Thermal Infrared Anomalies Observed From MTSATs and Large Earthquakes Occurred in Japan (2005â€“2015). <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020108.	1.4	31
6	A New Model of Solar Illumination of Earthâ€™s Atmosphere during Night-Time. <i>Earth</i> , 2021, 2, 191-207.	0.9	3
7	Implementation of Robust Satellite Techniques for Volcanoes on ASTER Data under the Google Earth Engine Platform. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4201.	1.3	6
8	Mt. Etna Paroxysms of Februaryâ€“April 2021 Monitored and Quantified through a Multi-Platform Satellite Observing System. <i>Remote Sensing</i> , 2021, 13, 3074.	1.8	17
9	Quantifying the Variability of Phytoplankton Blooms in the NW Mediterranean Sea with the Robust Satellite Techniques (RST). <i>Remote Sensing</i> , 2021, 13, 5151.	1.8	3
10	The impact of drought spells on forests depends on site conditions: The case of 2017 summer heat wave in southern Europe. <i>Global Change Biology</i> , 2020, 26, 851-863.	4.2	83
11	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). <i>Remote Sensing</i> , 2020, 12, 2147.	1.8	23
12	Earthquake-Related Signals in Central Italy Detected by Hydrogeochemical and Satellite Techniques. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	20
13	The VIIRS-Based RST-FLARE Configuration: The Val dâ€™Agri Oil Center Gas Flaring Investigation in Between 2015â€“2019. <i>Remote Sensing</i> , 2020, 12, 819.	1.8	7
14	Validation of Ash/Dust Detections from SEVIRI Data Using ACTRIS/EARLINET Ground-Based LIDAR Measurements. <i>Remote Sensing</i> , 2020, 12, 1172.	1.8	1
15	Foreword: Advances in Multi-Parametric, Time-Dependent Assessment of Seismic Hazard and Earthquakes Forecast. <i>Annals of Geophysics</i> , 2020, 63, .	0.5	2
16	Toward the development of a multi parametric system for a short-term assessment of the seismic hazard in Italy. <i>Annals of Geophysics</i> , 2020, 63, .	0.5	5
17	A transferable remote sensing approach to classify building structural types for seismic risk analyses: the case of Val d'Agri area (Italy). <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 4825-4853.	2.3	22
18	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

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19	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
20	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
21	Improving the RST-OIL Algorithm for Oil Spill Detection under Severe Sun Glint Conditions. <i>Remote Sensing</i> , 2019, 11, 2762.	1.8	7
22	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
23	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
24	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
25	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
26	On the Potential of the RST-FLARE Algorithm for Gas Flaring Characterization from Space. <i>Sensors</i> , 2018, 18, 2466.	2.1	12
27	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
28	Advances in Large-Scale Flood Monitoring and Detection. <i>Hydrology</i> , 2018, 5, 49.	1.3	2
29	Evaluation of MODIS's Aqua Chlorophyll-a Algorithms in the Basilicata Ionian Coastal Waters. <i>Remote Sensing</i> , 2018, 10, 987.	1.8	10
30	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
31	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
32	Seismic damage recognition based on field survey and remote sensing: general remarks and examples from the 2016 Central Italy earthquake. <i>Natural Hazards</i> , 2017, 86, 193-195.	1.6	10
33	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
34	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
35	A MODIS-Based Robust Satellite Technique (RST) for Timely Detection of Oil Spilled Areas. <i>Remote Sensing</i> , 2017, 9, 128.	1.8	23
36	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

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37	Preface to the special issue on electromagnetic phenomena related to seismic and volcanic activities from EMSEV in 2016. <i>Earthquake Science</i> , 2017, 30, 165-166.	0.4	2
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	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
41	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
42	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
43	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
44	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
45	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
46	Integration of Optical and Passive Microwave Satellite Data for Flooded Area Detection and Monitoring. , 2015, , 631-635.		3
47	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
48	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
49	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
50	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
51	Validation of Lithosphere-Atmosphere-Ionosphere coupling concept by geo space observation of natural and anthropogenic processes. , 2014, , .		1
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 long-term investigation of AMSR-E Radio Frequency Interference. , 2012, , .		0
61	A global passive microwave based wetness index for the monitoring of soil moisture and inundation. , 2012, , .		2
62	A multi-sensor (SMOS, AMSR-E and ASCAT) satellite-based soil moisture products inter-comparison. , 2012, , .		5
63	PRE-EARTHQUAKES, an FP7 project for integrating observations and knowledges on earthquake precursors: Preliminary results and strategy. , 2012, , .		2
64	A comprehensive analysis of AMSRE C- and X-bands Radio Frequency Interferences. , 2012, , .		3
65	Monitoring of soil moisture using a microwave based variational wetness index. , 2012, , .		1
66	Rapid response for flood detection implementing the RST approach on MSG/SEVIRI data. , 2012, , .		0
67	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
68	Soil moisture variability estimation through AMSU radiometer. <i>European Journal of Remote Sensing</i> , 2012, 45, 89-97.	1.7	1
69	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
70	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
71	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. <i>Geophysical Monograph Series</i> , 2011, , 19-31.	0.1	6
72	On the use of AMSU-based products for the description of soil water content at basin scale. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 2839-2852.	1.9	13

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73	An improved RST approach for timely alert and Near Real Time monitoring of oil spill disasters by using AVHRR data. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1281-1291.	1.5	24
74	A multi-temporal analysis of AMSR-E data for flood and discharge monitoring during the 2008 flood in Iowa. <i>Hydrological Processes</i> , 2011, 25, 2623-2634.	1.1	37
75	Assessment and improvement of a robust satellite technique (RST) for thermal monitoring of volcanoes. <i>Remote Sensing of Environment</i> , 2011, 115, 1556-1563.	4.6	30
76	River discharge estimation through MODIS data. , 2011, , .		6
77	Assessment and validation in time domain of a Robust Satellite Technique (RST <sub>ASH</sub> ) for ash cloud detection. <i>Geomatics, Natural Hazards and Risk</i> , 2011, 2, 247-262.	2.0	5
78	Volcanic ash cloud detection from space: a comparison between the RST <sub>ASH</sub> technique and the water vapour corrected BTM procedure. <i>Geomatics, Natural Hazards and Risk</i> , 2011, 2, 263-277.	2.0	9
79	Monitoring turbidity in the Ionian coast during extreme events by applying a Robust Satellite Technique (RST) to MODIS imagery. , 2011, , .		1
80	RSTVOLC implementation on MODIS data for monitoring of thermal volcanic activity. <i>Annals of Geophysics</i> , 2011, 54, .	0.5	2
81	Soil moisture variations monitoring by AMSU-based soil wetness indices: A long-term inter-comparison with ground measurements. <i>Remote Sensing of Environment</i> , 2010, 114, 2317-2325.	4.6	25
82	On the Exportability of Robust Satellite Techniques (RST) for Active Volcano Monitoring. <i>Remote Sensing</i> , 2010, 2, 1575-1588.	1.8	24
83	A study on the Abruzzo 6 April 2009 earthquake by applying the RST approach to 15 years of AVHRR TIR observations. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 395-406.	1.5	42
84	Using RST approach and EOS-MODIS radiances for monitoring seismically active regions: a study on the 6 April 2009 Abruzzo earthquake. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 239-249.	1.5	53
85	On the potential of the AMSR-E based Polarization Ratio Variation Index (PRVI) for soil wetness variations monitoring. , 2010, , .		1
86	A RST-Based study of AMSR-E C-band radio frequency interferences. , 2010, , .		2
87	Robust Satellite Techniques (RST) for active volcanoes monitoring. , 2010, , .		3
88	Satellite oil spill detection and monitoring in the optical range. , 2010, , .		6
89	On the potential of Robust Satellite Technique (RST) approach for flooded areas detection and monitoring using thermal infrared data. , 2010, , .		1
90	A multi-sensors analysis of RST-based thermal anomalies in the case of the Abruzzo earthquake. , 2010, , .		6

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91	A Robust Satellite Technique (RST) for dust storm detection and monitoring: The case of 2009 Australian event. , 2010, , .		5
92	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
93	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
94	Robust satellite techniques for thermal volcanic activity monitoring, early warning and possible prediction of new eruptive events. , 2009, , .		4
95	Robust Satellite Techniques (RST) for monitoring thermal anomalies in seismically active areas. , 2009, , .		5
96	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
97	Detection of Saharan dust by spatial/spectral signatures in VIS-TIR satellite radiances. , 2009, , .		0
98	Advanced multi-temporal passive microwave data analysis for soil wetness monitoring and flood risk forecast. , 2009, , .		9
99	Real time monitoring of flooded areas by a multi-temporal analysis of optical satellite data. , 2009, , .		6
100	Near real time oil spill detection and monitoring using satellite optical data. , 2009, , .		7
101	Advanced satellite technique for volcanic activity monitoring and early warning. Annals of Geophysics, 2009, 51, .	0.5	6
102	Robust TIR satellite techniques for monitoring earthquake active regions: limits, main achievements and perspectives. Annals of Geophysics, 2009, 51, .	0.5	19
103	Robust satellite techniques for volcanic and seismic hazards monitoring. Annals of Geophysics, 2009, 47, .	0.5	24
104	Robust satellite techniques for monitoring volcanic eruptions. Annals of Geophysics, 2009, 44, .	0.5	9
105	Robust satellite techniques for remote sensing of seismically active areas. Annals of Geophysics, 2009, 44, .	0.5	50
106	Early Warnings and Alerts. , 2009, , 189-209.		0
107	Aerial remote sensing hyperspectral techniques for rocky outcrops mapping. Annals of Geophysics, 2009, 45, .	0.5	1
108	Robust satellite techniques (RST) for the thermal monitoring of earthquake prone areas: the case of Umbria-Marche October, 1997 seismic events. Annals of Geophysics, 2009, 51, .	0.5	12

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109	Assessment of water vapor content from MIVIS TIR data. <i>Annals of Geophysics</i> , 2009, 49, .	0.5	0
110	Hot spot detection and effusion rate estimation using satellite data to drive lava flow simulations. , 2008, , .		2
111	Assessment of the Robust Satellite Technique (RST) for volcanic ash plume identification and tracking. , 2008, , .		11
112	Robust Satellite Techniques for monitoring TIR anomalies in seismogenic areas. , 2008, , .		7
113	Robust Satellite Techniques (RST) for Natural and Environmental Hazards Monitoring and Mitigation: Theory and Applications. , 2007, , .		92
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	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
122	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
123	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
124	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
125	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
126	AVHRR automated detection of volcanic clouds. <i>International Journal of Remote Sensing</i> , 2005, 26, 9-28.	1.3	29



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127	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
128	Improving volcanic ash cloud detection by a robust satellite technique. <i>Remote Sensing of Environment</i> , 2004, 90, 1-22.	4.6	83
129	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
130	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
131	A self-sufficient approach for GERB cloudy radiance detection. <i>Atmospheric Research</i> , 2004, 72, 39-56.	1.8	58
132	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
133	<title>Pollino Project Action D: a multiscale approach in the space-time domain to environmental risk monitoring</title>. , 2002, , .		4
134	<title>Environmental mapping of Pollino National Park (southern Italy) by means of airborne remotely sensed data</title>. , 2002, , .		1
135	<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
136	<title>Extending the use of ATREM atmospheric correction to MIVIS data</title>. , 2002, , .		0
137	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
138	Evaluation of a new satellite-based method for forest fire detection. <i>International Journal of Remote Sensing</i> , 2001, 22, 1799-1826.	1.3	68
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	Assessing the impact of cloud morphology on infrared sounder scan geometry. <i>International Journal of Remote Sensing</i> , 1999, 20, 169-181.	1.3	1
142	Forest fire danger estimation based on the integration of satellite AVHRR data and topographic factors. , 1999, 3868, 241.		5
143	Satellite remote sensing of volcanic aerosols: a new AVHRR-based approach. , 1998, , .		3
144	Fire detection by AVHRR: toward a new approach for operational monitoring. , 1998, , .		4

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145	<title>Robust AVHRR techniques (RAT) for environmental monitoring: theory and applications</title>. , 1998, 3496, 101.		110
146	In place merging of satellite based atmospheric water vapour measurements. International Journal of Remote Sensing, 1997, 18, 3649-3668.	1.3	8
147	Parametric time series analysis of geoelectrical signals: an application to earthquake forecasting in Southern Italy. Annals of Geophysics, 1996, 39, .	0.5	7
148	<title>Satellite- and ground-based atmospheric water vapor measurements: a comparative study</title>. , 1995, 2506, 372.		0
149	SCALING LAWS IN A TURBULENT BAROCLINIC INSTABILITY. Fractals, 1995, 03, 297-314.	1.8	3
150	Evidence of Weak Chaos Within Plug-Slug Transition in Horizontal Two-Phase Flow. Europhysics Letters, 1995, 30, 75-80.	0.7	7
151	Statistical analysis of non-stationary voltage recordings in geoelectrical prospecting <sup>1</sup> . Geophysical Prospecting, 1994, 42, 917-952.	1.0	22
152	Cloud Clearing of Infrared Sounder Radiances. Journal of Applied Meteorology and Climatology, 1994, 33, 179-194.	1.7	9
153	Assessing the potential of &lt;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
154	COPERNICUS KNOWLEDGE AND INNOVATION HUBS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B5-2020, 35-42.	0.2	3