

Raquel Nieto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6694581/publications.pdf>

Version: 2024-02-01

159
papers

5,503
citations

101543

36
h-index

98798

67
g-index

171
all docs

171
docs citations

171
times ranked

5451
citing authors

#	ARTICLE	IF	CITATIONS
1	Do CMIP models capture long-term observed annual precipitation trends?. <i>Climate Dynamics</i> , 2022, 58, 2825-2842.	3.8	20
2	Amazonian Moisture Recycling Revisited Using WRF With Water Vapor Tracers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	17
3	Moisture Sources for Precipitation Associated With Major Hurricanes During 2017 in the North Atlantic Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	13
4	Where does the moisture for North Atlantic tropical cyclones come from?. <i>Journal of Hydrometeorology</i> , 2022, , .	1.9	5
5	Effects of Drought on Mortality in Macro Urban Areas of Brazil Between 2000 and 2019. <i>GeoHealth</i> , 2022, 6, e2021GH000534.	4.0	10
6	The importance of continental evaporation for precipitation in Colombia: A baseline combining observations from stable isotopes and modelling moisture trajectories. <i>Hydrological Processes</i> , 2022, 36, .	2.6	7
7	Drought effects on specific-cause mortality in Lisbon from 1983 to 2016: Risks assessment by gender and age groups. <i>Science of the Total Environment</i> , 2021, 751, 142332.	8.0	17
8	Influence of the Madden-Julian Oscillation on moisture transport by the Caribbean Low Level Jet during the Midsummer Drought in Mexico. <i>Atmospheric Research</i> , 2021, 248, 105243.	4.1	10
9	Dry and Wet Climate Periods over Eastern South America: Identification and Characterization through the SPEI Index. <i>Atmosphere</i> , 2021, 12, 155.	2.3	10
10	European West Coast atmospheric rivers: A scale to characterize strength and impacts. <i>Weather and Climate Extremes</i> , 2021, 31, 100305.	4.1	17
11	The Combined Effects of SST and the North Atlantic Subtropical High-Pressure System on the Atlantic Basin Tropical Cyclone Interannual Variability. <i>Atmosphere</i> , 2021, 12, 329.	2.3	6
12	Mechanisms for Severe Drought Occurrence in the Balsas River Basin (Mexico). <i>Atmosphere</i> , 2021, 12, 368.	2.3	1
13	Assessing the Moisture Transports Associated With Nocturnal Low-Level Jets in Continental South America. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	7
14	Wind Energy Assessment during High-Impact Winter Storms in Southwestern Europe. <i>Atmosphere</i> , 2021, 12, 509.	2.3	6
15	A data base of contributions of major oceanic and terrestrial moisture sources on continental daily extreme precipitation. <i>Data in Brief</i> , 2021, 35, 106830.	1.0	2
16	Tracking the origins of moisture over Vietnam: The role of moisture sources and atmospheric drivers on seasonal hydroclimatic conditions. <i>International Journal of Climatology</i> , 2021, 41, 5843-5861.	3.5	4
17	Consecutive Extratropical Cyclones Daniel, Elsa and Fabien, and Their Impact on the Hydrological Cycle of Mainland Portugal. <i>Water (Switzerland)</i> , 2021, 13, 1476.	2.7	10
18	Water Budgets of Tropical Cyclones through a Lagrangian Approach: A Case of Study of Hurricane Irma (2017). <i>Environmental Sciences Proceedings</i> , 2021, 8, .	0.3	0

#	ARTICLE	IF	CITATIONS
19	Moisture Sources for the Explosive Cyclogenesis of Extratropical Cyclone Miguel (2019) through a Lagrangian Approach. <i>Environmental Sciences Proceedings</i> , 2021, 8, 19.	0.3	0
20	Oceanic versus terrestrial origin of El Niño Southern Oscillation-associated continental precipitation anomalies. <i>Annals of the New York Academy of Sciences</i> , 2021, 1504, 202-214.	3.8	6
21	Space-Time Assessment of Extreme Precipitation in Cuba between 1980 and 2019 from Multi-Source Weighted-Ensemble Precipitation Dataset. <i>Atmosphere</i> , 2021, 12, 995.	2.3	4
22	The residence time of water vapour in the atmosphere. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 558-569.	29.7	41
23	Comparative climatology of outer tropical cyclone size using radial wind profiles. <i>Weather and Climate Extremes</i> , 2021, 33, 100366.	4.1	13
24	Atmospheric river, a term encompassing different meteorological patterns. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1558.	6.5	12
25	Spatio-Temporal Assessment of Meteorological Drought in Puerto Rico between 1950 and 2019. <i>Environmental Sciences Proceedings</i> , 2021, 8, 40.	0.3	1
26	Affectation and Rainfall Contribution of Tropical Cyclones in Puerto Rico from 1980 to 2016. <i>Environmental Sciences Proceedings</i> , 2021, 4, 30.	0.3	1
27	Effects of droughts on health: Diagnosis, repercussion, and adaptation in vulnerable regions under climate change. Challenges for future research. <i>Science of the Total Environment</i> , 2020, 703, 134912.	8.0	34
28	Recent progress on the sources of continental precipitation as revealed by moisture transport analysis. <i>Earth-Science Reviews</i> , 2020, 201, 103070.	9.1	71
29	Significant increase of global anomalous moisture uptake feeding landfalling Atmospheric Rivers. <i>Nature Communications</i> , 2020, 11, 5082.	12.8	39
30	Short-term effects of drought on daily mortality in Spain from 2000 to 2009. <i>Environmental Research</i> , 2020, 183, 109200.	7.5	22
31	Quantification of the Effects of Droughts on Daily Mortality in Spain at Different Timescales at Regional and National Levels: A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6114.	2.6	11
32	The growing importance of oceanic moisture sources for continental precipitation. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	31
33	Atmospheric moisture sources associated with extreme precipitation during the peak precipitation month. <i>Weather and Climate Extremes</i> , 2020, 30, 100289.	4.1	15
34	The Role of Tropical Cyclones on the Total Precipitation in Cuba during the Hurricane Season from 1980 to 2016. <i>Atmosphere</i> , 2020, 11, 1156.	2.3	7
35	Trends and Extremes of Drought Episodes in Vietnam Sub-Regions during 1980-2017 at Different Timescales. <i>Water (Switzerland)</i> , 2020, 12, 813.	2.7	22
36	Changes in South American hydroclimate under projected Amazonian deforestation. <i>Annals of the New York Academy of Sciences</i> , 2020, 1472, 104-122.	3.8	27

#	ARTICLE	IF	CITATIONS
37	Hydrometeorological droughts in the MiÃ±o-Sil hydrographic demarcation (northwestern Iberian Peninsula): the role of atmospheric drivers. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 1805-1832.	3.6	5
38	Moisture Sources for Tropical Cyclones Genesis in the Coast of West Africa through a Lagrangian Approach. <i>Environmental Sciences Proceedings</i> , 2020, 4, .	0.3	1
39	On the Connection between Atmospheric Moisture Transport and Dry Conditions in Rainfall Climatological Zones of the Niger River Basin. <i>Water (Switzerland)</i> , 2019, 11, 622.	2.7	8
40	Contribution of the main moisture sources to precipitation during extreme peak precipitation months. <i>Advances in Water Resources</i> , 2019, 131, 103385.	3.8	27
41	Characterization of Moisture Sources for Austral Seas and Relationship with Sea Ice Concentration. <i>Atmosphere</i> , 2019, 10, 627.	2.3	2
42	A database of optimal integration times for Lagrangian studies of atmospheric moisture sources and sinks. <i>Scientific Data</i> , 2019, 6, 59.	5.3	38
43	Effects on daily mortality of droughts in Galicia (NW Spain) from 1983 to 2013. <i>Science of the Total Environment</i> , 2019, 662, 121-133.	8.0	23
44	Global climatology of nocturnal low-level jets and associated moisture sources and sinks. <i>Atmospheric Research</i> , 2019, 229, 39-59.	4.1	28
45	The role of moisture transport for precipitation in the inter-annual and inter-daily fluctuations of the Arctic sea ice extension. <i>Earth System Dynamics</i> , 2019, 10, 121-133.	7.1	8
46	Atmospheric moisture transport and the decline in Arctic Sea ice. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e588.	8.1	22
47	On the assessment of the moisture transport by the Great Plains low-level jet. <i>Earth System Dynamics</i> , 2019, 10, 107-119.	7.1	28
48	The European 2016/17 Drought. <i>Journal of Climate</i> , 2019, 32, 3169-3187.	3.2	86
49	Linking Anomalous Moisture Transport And Drought Episodes in the IPCC Reference Regions. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1481-1498.	3.3	33
50	Climatological moisture sources for the Western North American Monsoon through a Lagrangian approach: their influence on precipitation intensity. <i>Earth System Dynamics</i> , 2019, 10, 59-72.	7.1	14
51	Atmospheric Rivers over the Arctic: Lagrangian Characterisation of Their Moisture Sources. <i>Water (Switzerland)</i> , 2019, 11, 41.	2.7	7
52	From Amazonia to southern Africa: atmospheric moisture transport through low-level jets and atmospheric rivers. <i>Annals of the New York Academy of Sciences</i> , 2019, 1436, 217-230.	3.8	37
53	Influencia de los principales modos anulares hemisfÃ©ricos y El NiÃ±o-Oscilaci3n del Sur (ENOS) en las fuentes de humedad globales de MesoamÃ©rica. <i>Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales</i> , 2019, 43, 746-763.	0.2	1
54	Completeness of radiosonde humidity observations based on the Integrated Global Radiosonde Archive. <i>Earth System Science Data</i> , 2019, 11, 603-627.	9.9	25

#	ARTICLE	IF	CITATIONS
55	The climatology of dust events over the European continent using data of the BSC-DREAM8b model. <i>Atmospheric Research</i> , 2018, 209, 144-162.	4.1	8
56	A Lagrangian analysis of the moisture budget over the Fertile Crescent during two intense drought episodes. <i>Journal of Hydrology</i> , 2018, 560, 382-395.	5.4	20
57	Moisture origin and transport processes in Colombia, northern South America. <i>Climate Dynamics</i> , 2018, 50, 971-990.	3.8	69
58	Recent changes in monthly surface air temperature over Peru, 1964–2014. <i>International Journal of Climatology</i> , 2018, 38, 283-306.	3.5	32
59	A comparison of temporal variability of observed and model-based pan evaporation over Uruguay (1973–2014). <i>International Journal of Climatology</i> , 2018, 38, 337-350.	3.5	22
60	Mapping seasonal and annual extreme precipitation over the Peruvian Andes. <i>International Journal of Climatology</i> , 2018, 38, 5459-5475.	3.5	8
61	The Role of Moisture Sources and Climatic Teleconnections in Northeastern and South-Central Iran's Hydro-Climatology. <i>Water (Switzerland)</i> , 2018, 10, 1550.	2.7	17
62	Recent changes of relative humidity: regional connections with land and ocean processes. <i>Earth System Dynamics</i> , 2018, 9, 915-937.	7.1	75
63	Variations in Moisture Supply from the Mediterranean Sea during Meteorological Drought Episodes over Central Europe. <i>Atmosphere</i> , 2018, 9, 278.	2.3	15
64	A new pattern of the moisture transport for precipitation related to the drastic decline in Arctic sea ice extent. <i>Earth System Dynamics</i> , 2018, 9, 611-625.	7.1	24
65	Contribution of Moisture from Mediterranean Sea to Extreme Precipitation Events over Danube River Basin. <i>Water (Switzerland)</i> , 2018, 10, 1182.	2.7	8
66	Short-term effect of tropospheric ozone on daily mortality in Spain. <i>Atmospheric Environment</i> , 2018, 187, 107-116.	4.1	44
67	Anomalies in Moisture Supply during the 2003 Drought Event in Europe: A Lagrangian Analysis. <i>Water (Switzerland)</i> , 2018, 10, 467.	2.7	19
68	The Mediterranean Moisture Contribution to Climatological and Extreme Monthly Continental Precipitation. <i>Water (Switzerland)</i> , 2018, 10, 519.	2.7	19
69	The Atmospheric Branch of the Hydrological Cycle over the Negro and Madeira River Basins in the Amazon Region. <i>Water (Switzerland)</i> , 2018, 10, 738.	2.7	23
70	Moisture transport from the Arctic: a characterization from a Lagrangian perspective. <i>Cuadernos De Investigacion Geografica</i> , 2018, 44, 659-673.	1.1	3
71	The complex influence of ENSO on droughts in Ecuador. <i>Climate Dynamics</i> , 2017, 48, 405-427.	3.8	78
72	Drought episodes in the climatological sinks of the Mediterranean moisture source: The role of moisture transport. <i>Global and Planetary Change</i> , 2017, 151, 4-14.	3.5	30

#	ARTICLE	IF	CITATIONS
73	Wet Spells and Associated Moisture Sources Anomalies across Danube River Basin. <i>Water (Switzerland)</i> , 2017, 9, 615.	2.7	10
74	Extreme Sea Ice Loss over the Arctic: An Analysis Based on Anomalous Moisture Transport. <i>Atmosphere</i> , 2017, 8, 32.	2.3	9
75	The Niger River Basin Moisture Sources: A Lagrangian Analysis. <i>Atmosphere</i> , 2017, 8, 38.	2.3	10
76	Moisture Transport Anomalies over the Danube River Basin during Two Drought Events: A Lagrangian Analysis. <i>Atmosphere</i> , 2017, 8, 193.	2.3	18
77	The atmospheric branch of the hydrological cycle over the Indus, Ganges, and Brahmaputra river basins. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6379-6399.	4.9	11
78	A Lagrangian perspective of the hydrological cycle in the Congo River basin. <i>Earth System Dynamics</i> , 2017, 8, 653-675.	7.1	52
79	Tracking the Origin of Moisture over the Danube River Basin Using a Lagrangian Approach. <i>Atmosphere</i> , 2016, 7, 162.	2.3	23
80	Atmospheric rivers moisture sources from a Lagrangian perspective. <i>Earth System Dynamics</i> , 2016, 7, 371-384.	7.1	65
81	A Lagrangian analysis of the present-day sources of moisture for major ice-core sites. <i>Earth System Dynamics</i> , 2016, 7, 549-558.	7.1	14
82	Contribution of water-limited ecoregions to their own supply of rainfall. <i>Environmental Research Letters</i> , 2016, 11, 124007.	5.2	47
83	Major Mechanisms of Atmospheric Moisture Transport and Their Role in Extreme Precipitation Events. <i>Annual Review of Environment and Resources</i> , 2016, 41, 117-141.	13.4	177
84	Moisture transport into the Arctic: Source-receptor relationships and the roles of atmospheric circulation and evaporation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,493.	3.3	40
85	The Westerly Index as complementary indicator of the North Atlantic oscillation in explaining drought variability across Europe. <i>Climate Dynamics</i> , 2016, 47, 845-863.	3.8	36
86	Impact of Euro-Atlantic blocking patterns in Iberia precipitation using a novel high resolution dataset. <i>Climate Dynamics</i> , 2016, 46, 2573-2591.	3.8	23
87	A Lagrangian approach for investigating anomalies in the moisture transport during drought episodes. <i>Cuadernos De Investigacion Geografica</i> , 2016, 42, 113-125.	1.1	15
88	Moisture contribution of the Atlantic Warm Pool to precipitation: a Lagrangian analysis. <i>Frontiers in Environmental Science</i> , 2015, 3, .	3.3	9
89	Atmospheric moisture transport: the bridge between ocean evaporation and Arctic ice melting. <i>Earth System Dynamics</i> , 2015, 6, 583-589.	7.1	21
90	Arctic moisture source for Eurasian snow cover variations in autumn. <i>Environmental Research Letters</i> , 2015, 10, 054015.	5.2	73

#	ARTICLE	IF	CITATIONS
91	The modulation of oceanic moisture transport by the hemispheric annular modes. <i>Frontiers in Earth Science</i> , 2014, 2, .	1.8	8
92	The role of the Amazon Basin moisture in the atmospheric branch of the hydrological cycle: a Lagrangian analysis. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2577-2598.	4.9	116
93	Biogenic amines in wine: Individual and competitive adsorption on a modified zirconium phosphate. <i>Microporous and Mesoporous Materials</i> , 2014, 197, 130-139.	4.4	42
94	A catalog of moisture sources for continental climatic regions. <i>Water Resources Research</i> , 2014, 50, 5322-5328.	4.2	25
95	Atmospheric rivers: a mini-review. <i>Frontiers in Earth Science</i> , 2014, 2, .	1.8	200
96	The role of the ENSO cycle in the modulation of moisture transport from major oceanic moisture sources. <i>Water Resources Research</i> , 2014, 50, 1046-1058.	4.2	29
97	Estimating the Temporal Domain when the Discount of the Net Evaporation Term Affects the Resulting Net Precipitation Pattern in the Moisture Budget Using a 3-D Lagrangian Approach. <i>PLoS ONE</i> , 2014, 9, e99046.	2.5	6
98	Past and Current Climate Changes in the Mediterranean Region. <i>Advances in Global Change Research</i> , 2013, , 9-51.	1.6	9
99	Future Climate Projections. <i>Advances in Global Change Research</i> , 2013, , 53-118.	1.6	24
100	Influence of the intensification of the major oceanic moisture sources on continental precipitation. <i>Geophysical Research Letters</i> , 2013, 40, 1443-1450.	4.0	87
101	Explaining Extreme Events of 2012 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, S1-S74.	3.3	229
102	Ocean Evaporation and Precipitation. , 2013, , 291-318.		1
103	Large-Scale Atmospheric Circulation Driving Extreme Climate Events in the Mediterranean and its Related Impacts. , 2012, , 347-417.		25
104	Oceanic and terrestrial sources of continental precipitation. <i>Reviews of Geophysics</i> , 2012, 50, .	23.0	384
105	Challenges for drought mitigation in Africa: The potential use of geospatial data and drought information systems. <i>Applied Geography</i> , 2012, 34, 471-486.	3.7	127
106	Ocean ocean/oceanic Evaporation ocean/oceanic evaporation and Precipitation ocean/oceanic precipitation. , 2012, , 7244-7263.		0
107	On the contribution of the Tropical Western Hemisphere Warm Pool source of moisture to the Northern Hemisphere precipitation through a Lagrangian approach. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	37
108	A close look at oceanic sources of continental precipitation. <i>Eos</i> , 2011, 92, 193-194.	0.1	15

#	ARTICLE	IF	CITATIONS
109	A multiscale global evaluation of the impact of ENSO on droughts. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	120
110	A Lagrangian analysis of the variation in moisture sources related to drier and wetter conditions in regions around the Mediterranean Basin. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 2307-2320.	3.6	33
111	Trends and extremes of drought indices throughout the 20th century in the Mediterranean. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 33-51.	3.6	239
112	The state of climate in NW Iberia. <i>Climate Research</i> , 2011, 48, 109-144.	1.1	77
113	Characterization of the atmospheric component of the winter hydrological cycle in the Galicia/North Portugal Euro-region: a Lagrangian approach. <i>Climate Research</i> , 2011, 48, 193-201.	1.1	3
114	Effects of warming processes on droughts and water resources in the NW Iberian Peninsula (1930~2006). <i>Climate Research</i> , 2011, 48, 203-212.	1.1	72
115	Sources of moisture for China and their variations during drier and wetter conditions in 2000~2004: a Lagrangian approach. <i>Climate Research</i> , 2011, 50, 215-225.	1.1	85
116	Where Does the Iberian Peninsula Moisture Come From? An Answer Based on a Lagrangian Approach. <i>Journal of Hydrometeorology</i> , 2010, 11, 421-436.	1.9	111
117	Moisture sources for Central America: Identification of moisture sources using a Lagrangian analysis technique. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	81
118	Climatological features of cutoff low systems in the Southern Hemisphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	48
119	On the origin of continental precipitation. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	306
120	Correction to "Moisture sources for Central America: Identification of moisture sources using a Lagrangian analysis technique". <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	4
121	A Lagrangian Identification of the Main Sources of Moisture Affecting Northeastern Brazil during Its Pre-Rainy and Rainy Seasons. <i>PLoS ONE</i> , 2010, 5, e11205.	2.5	28
122	Major sources of moisture for Antarctic ice-core sites identified through a Lagrangian approach. <i>Climate Research</i> , 2010, 41, 45-49.	1.1	9
123	Stability of the seasonal distribution of precipitation in the Mediterranean region: Observations since 1950 and projections for the 21st century. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	46
124	The Estimation of Probable Maximum Precipitation. <i>Annals of the New York Academy of Sciences</i> , 2008, 1146, 291-302.	3.8	26
125	Identification and Climatology of Cutoff Lows near the Tropopause. <i>Annals of the New York Academy of Sciences</i> , 2008, 1146, 256-290.	3.8	63
126	A Climatology Based on Reanalysis of Baroclinic Developmental Regions in the Extratropical Northern Hemisphere. <i>Annals of the New York Academy of Sciences</i> , 2008, 1146, 235-255.	3.8	14

#	ARTICLE	IF	CITATIONS
127	A Lagrangian identification of major sources of moisture over Central Brazil and La Plata Basin. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	110
128	Basis for a Rainfall Estimation Technique Using IRâ€“VIS Cloud Classification and Parameters over the Life Cycle of Mesoscale Convective Systems. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 1500-1517.	1.5	5
129	Dynamic identification of moisture sources in the Orinoco basin in equatorial South America. <i>Hydrological Sciences Journal</i> , 2008, 53, 602-617.	2.6	45
130	Potential Outflow Pathways for Iberian Atmospheric Middle-Lived Pollution. <i>The Open Atmospheric Science Journal</i> , 2008, 2, 18-22.	0.5	1
131	Contributions to the moisture budget of airmasses over Iceland. <i>Meteorologische Zeitschrift</i> , 2007, 16, 37-44.	1.0	27
132	Global statistics of multiple tropopauses from the IGRA database. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	23
133	A new diagnostic of stratospheric polar vortices. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 1797-1812.	1.6	8
134	The role of the solar cycle in the relationship between the North Atlantic Oscillation and Northern Hemisphere surface temperatures. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 191-198.	4.3	7
135	Decay of the Northern Hemisphere stratospheric polar vortex and the occurrence of cut-off low systems: An exploratory study. <i>Meteorology and Atmospheric Physics</i> , 2007, 96, 21-28.	2.0	6
136	Interannual variability of cut-off low systems over the European sector: The role of blocking and the Northern Hemisphere circulation modes. <i>Meteorology and Atmospheric Physics</i> , 2007, 96, 85-101.	2.0	34
137	Analysis of the precipitation and cloudiness associated with COLs occurrence in the Iberian Peninsula. <i>Meteorology and Atmospheric Physics</i> , 2007, 96, 103-119.	2.0	25
138	Cloud cover analysis associated to cut-off low-pressure systems over Europe using Meteosat Imagery. <i>Meteorology and Atmospheric Physics</i> , 2007, 96, 141-157.	2.0	6
139	A Lagrangian identification of major sources of Sahel moisture. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	105
140	Atmospheric Transport Towards the Iberian Peninsula in the 3- to 10-Day Range. <i>Scientific World Journal</i> , The, 2006, 6, 1041-1047.	2.1	5
141	Study of troposphereâ€“stratosphere coupling through the Northern Annular Mode. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 989-998.	1.6	3
142	Changes in tropopause height for the Eurasian region determined from CARDS radiosonde data. <i>Die Naturwissenschaften</i> , 2006, 93, 603-609.	1.6	19
143	Solar influence on Northern Annular Mode spatial structure and QBO modulation. <i>Advances in Space Research</i> , 2006, 37, 1635-1639.	2.6	2
144	Interannual Variability of the Annual Cycle of Temperature over Northern Africa. <i>Studia Geophysica Et Geodaetica</i> , 2005, 49, 141-151.	0.5	5

#	ARTICLE	IF	CITATIONS
145	Climatological Features of Cutoff Low Systems in the Northern Hemisphere. <i>Journal of Climate</i> , 2005, 18, 3085-3103.	3.2	151
146	Two Approaches for Determining Extreme Years of Global Atmospheric Temperature. <i>Studia Geophysica Et Geodaetica</i> , 2004, 48, 447-458.	0.5	0
147	The Use of Equivalent Temperature to Analyse Climate Variability. <i>Studia Geophysica Et Geodaetica</i> , 2004, 48, 459-468.	0.5	4
148	Impact of the extratropical dynamical modes upon troposphere temperature using an approach based on advection of temperature. <i>International Journal of Climatology</i> , 2003, 23, 399-404.	3.5	0
149	Changes in the relationship NAOâ€œNorthern hemisphere temperature due to solar activity. <i>Earth and Planetary Science Letters</i> , 2003, 206, 15-20.	4.4	47
150	Imprints of the North Atlantic Oscillation on four unusual atmospheric parameters. <i>Earth and Planetary Science Letters</i> , 2002, 202, 677-692.	4.4	3
151	Moisture Sources and Large-Scale Dynamics Associated With a Flash Flood Event. <i>Geophysical Monograph Series</i> , 0, , 111-126.	0.1	30
152	Analysis of Dry and Wet Episodes in Eastern South America during 1980-2018 Using SPEI. , 0, , .		1
153	Short Communication: Atmospheric moisture transport, the bridge between ocean evaporation and Arctic ice melting. , 0, , .		0
154	Analysis of Changes on Moisture Sources Contributions for Arctic Region in a FutureClimate Scenario Using GFDL/CM3 Model. , 0, , .		0
155	An Analysis of the Water Cycle in the Sahel through a Lagrangian Perspective. , 0, , .		0
156	Tracking the Origin of Moisture (and Moisture for Precipitation) over the Danube River Basin through a Lagrangian Approach. , 0, , .		0
157	The Niger River Basin Moisture Sources. A Lagrangian Analysis. , 0, , .		0
158	Extreme Sea Ice Loss over the Arctic: An Analysis Based on Anomalous Moisture Transport. , 0, , .		0
159	Precipitation Moisture Sources of Ethiopian River Basins and Their Role During Drought Conditions. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	3