

# Didier Ricard

## List of Publications by Year in descending order

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31  
papers

1,444  
citations

516710

16  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of the Cloud–Environment Interface and Turbulence Effects in an LES of a Growing Cumulus Congestus. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 593-619.	1.7	6
2	Mediterranean cyclones: current knowledge and open questions on dynamics, prediction, climatology and impacts. <i>Weather and Climate Dynamics</i> , 2022, 3, 173-208.	3.5	61
3	Six years of electrified convection over the island of Corsica monitored by SAETTA: General trends and anomalously electrified thunderstorms during African dust south flow events. <i>Atmospheric Research</i> , 2022, 275, 106227.	4.1	6
4	Microphysics Impacts on the Warm Conveyor Belt and Ridge Building of the NAWDEX IOP6 Cyclone. <i>Monthly Weather Review</i> , 2021, 149, 3961-3980.	1.4	8
5	Overview towards improved understanding of the mechanisms leading to heavy precipitation in the western Mediterranean: lessons learned from HyMeX. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17051-17078.	4.9	12
6	The downward transport of momentum to the surface in idealized sting jet cyclones. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 1801-1821.	2.7	4
7	Evaluation of turbulence parametrizations in convective clouds and their environment based on a large-eddy simulation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 3195-3217.	2.7	12
8	Overview of the Meso-NH model version 5.4 and its applications. <i>Geoscientific Model Development</i> , 2018, 11, 1929-1969.	3.6	194
9	Evaluation and Improvement of Turbulence Parameterization inside Deep Convective Clouds at Kilometer-Scale Resolution. <i>Monthly Weather Review</i> , 2017, 145, 3947-3967.	1.4	27
10	Fine-scale numerical analysis of the sensitivity of the HyMeX IOP16a heavy precipitating event to the turbulent mixing-length parametrization. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 3122-3135.	2.7	15
11	Cold conveyor belt jet, sting jet and slantwise circulations in idealized simulations of extratropical cyclones. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 1781-1796.	2.7	16
12	Improvement of the forecast of convective activity from the AROME-France system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 2231-2243.	2.7	131
13	An alternative cell-averaged departure point reconstruction for pointwise semi-Lagrangian transport schemes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2114-2126.	2.7	15
14	Sensitivity of high-resolution idealized simulations of thunderstorms to horizontal resolution and turbulence parametrization. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 433-448.	2.7	66
15	Role of Moist Processes in the Tracks of Idealized Midlatitude Surface Cyclones. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 2979-2996.	1.7	30
16	Kinetic energy spectra characteristics of two convection-permitting limited-area models AROME and Meso-NH. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1327-1341.	2.7	69
17	A Climatology of the Mesoscale Environment Associated with Heavily Precipitating Events over a Northwestern Mediterranean Area. <i>Journal of Applied Meteorology and Climatology</i> , 2012, 51, 468-488.	1.5	122
18	Idealized numerical simulations of quasi-stationary convective systems over the Northwestern Mediterranean complex terrain. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012, 138, 1751-1763.	2.7	49

#	ARTICLE	IF	CITATIONS
19	Relationship between convection over Central America and the intensity of the jet stream bearing on the 1999 December European storms. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 377-390.	2.7	0
20	Statistical-dynamical downscaling for Mediterranean heavy precipitation. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 736-748.	2.7	26
21	Idealized mesoscale numerical study of Mediterranean heavy precipitating convective systems. Meteorology and Atmospheric Physics, 2009, 103, 45-55.	2.0	24
22	Projet Cyprim, partie I : Cyclogenèses et précipitations intenses en région méditerranéenne : origines et caractéristiques. La Météorologie, 2009, 8, 18.	0.5	19
23	Projet Cyprim, partie II : Impact du changement climatique sur les événements de pluie intense du bassin méditerranéen. La Météorologie, 2009, 8, 19.	0.5	4
24	A numerical study of three catastrophic precipitating events over southern France. II: Mesoscale triggering and stationarity factors. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 131-145.	2.7	168
25	A numerical study of three catastrophic precipitating events over southern France. I: Numerical framework and synoptic ingredients. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 111-130.	2.7	178
26	La Méditerranée, région témoin: de Cyprim à Hymex. Houille Blanche, 2007, 93, 90-96.	0.3	1
27	Point and areal validation of forecast precipitation fields. Meteorological Applications, 2006, 13, 1.	2.1	29
28	Modélisation à haute résolution : des pluies intenses dans les Cévennes Le système convectif Des 13 et 14 octobre 1995. La Météorologie, 2005, 8, 28-38.	0.5	1
29	Prix Prud'homme 2003 - Le trophée remis à Didier Ricard. La Météorologie, 2004, 8, 18.	0.5	0
30	Storm-Scale Numerical Rainfall Prediction for Five Precipitating Events over France: On the Importance of the Initial Humidity Field. Weather and Forecasting, 2002, 17, 1236-1256.	1.4	146
31	Simulation à haute résolution des épisodes convectifs et impacts hydrologiques sur la région Cévennes - Vivarais. Houille Blanche, 2002, 88, 40-45.	0.3	0