

## Jesús Fidel González-Rouco

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### Current affiliations:

- Universidad Complutense de Madrid from 2001 until present
- Universidad Complutense de Madrid from 2011 until present

## Publications

### PUBLICATION METRICS

For manuscripts published from date range January 1996 - January 2023

**TOTAL TIMES CITED**

15299

**H-INDEX**

43

**PUBLICATIONS**

113

**CORE COLLECTION DOCUMENTS**

111

For all time

**TOTAL TIMES CITED**

15299

**H-INDEX**

43

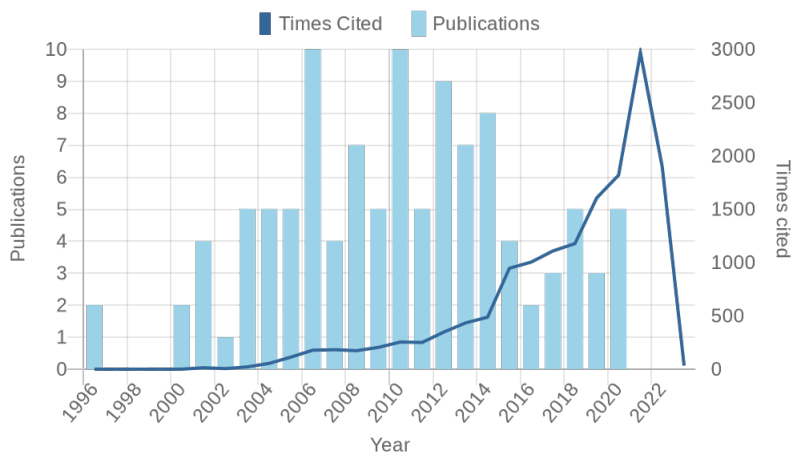
**PUBLICATIONS**

113

**CORE COLLECTION DOCUMENTS**

111

## PUBLICATION IMPACT OVER TIME



## PUBLISHING SUMMARY

For manuscripts published from date range January 1996 - January 2023

(18) Climate Dynamics	(13) Climate of the Past
(11) Geophysical Research Letters	(8) Journal of Climate
(5) Journal of Geophysical Research: Atmospheres	(3) Climate Change: the Physical Science Basis
(3) International Journal of Climatology	(3) Science
(3) Meteorologische Zeitschrift	(3) Journal of Atmospheric and Oceanic Technolo...
(3) Scientific Reports	(2) Environmental Research Letters
(2) Geoscientific Model Development	(2) Nature Geoscience
(2) Wind Energy	(2) Journal of Applied Meteorology and Climatolo...
(2) Atmospheric Science Letters	(2) Climatic Change
(2) Developments in Earth and Environmental Sci...	(1) Climate Change 2013: the Physical Science Ba...
(1) Theoretical and Applied Climatology	(1) Climate Research
(1) International Journal of Earth Sciences	(1) Annales Geophysicae
(1) Journal of Geophysical Research: Earth Surfac...	(1) Advances in Space Research
(1) Ocean Dynamics	(1) Il Nuovo Cimento C
(1) Detecting and Modelling Regional Climate Cha...	(1) Monthly Weather Review
(1) Nature Climate Change	(1) Bulletin of the American Meteorological Society
(1) Global Change Biology	(1) Solar Variability as an Input to the earth's Envir...
(1) Climate of the Mediterranean Region: from the...	(1) Environmental Crises
(1) Polish Climate in the European Context	(1) Proceedings of the Cambridge Workshop on C...
(1) Fisica de la Tierra	(1) Eos, Transactions American Geophysical Union
(1) Journal of Human Nutrition and Dietetics	(1) Nuovo Cimento Della Societa Italiana di Fisica ...

**MANUSCRIPTS PUBLISHED (113)**

From date range January 1996 - January 2023

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(ALL TIME)**

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Regional surface temperature simulations over the Iberian Peninsula:  
evaluation and climate projections 4

Authors (4): Garrido, J. L.; Gonzalez-Rouco, J. F. ... Navarro, J.  
Published: Dec 2020 in Climate Dynamics  
DOI: 10.1007/S00382-020-05456-3

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Land surface model influence on the simulated climatologies of  
temperature and precipitation extremes in the WRF v3.9 model over  
North America 2

Authors (6): Garcia-Garcia, Almudena; Jose Cuesta-Valero, Francisco ... Finnis, Joel  
Published: Nov 2020 in Geoscientific Model Development  
DOI: 10.5194/GMD-13-5345-2020

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Dynamical and hydrological changes in climate simulations of the last  
millennium 2

Authors (4): Jose Roldan-Gomez, Pedro; Fidel Gonzalez-Rouco, Jesus ... Smerdon, Jason E.  
Published: Jul 2020 in Climate of the Past  
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Methodological and physical biases in global to subcontinental borehole  
temperature reconstructions: an assessment from a pseudo-proxy  
perspective 2

Authors (7): Melo-Aguilar, Camilo; Fidel Gonzalez-Rouco, J. ... Roldan-Gomez, Pedro J.  
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Summertime Surface Wind Variability over Northeastern North America  
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Authors (6): Lucio-Eceiza, Etor E.; Fidel Gonzalez-Rouco, J. ... Beltrami, Hugo  
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DOI: 10.1175/JCLI-D-19-0331.1

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The PMIP4 contribution to CMIP6-Part 3: The last millennium, scientific objective, and experimental design for the PMIP4 past1000 simulations	94
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Authors (9): Sanchez-Salguero, Raul; Julio Camarero, Jesus ... Seftigen, Kristina	
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Authors (32): Camenisch, Chantal; Keller, Kathrin M. ... Wetter, Oliver Published: Dec 2016 in <i>Climate of the Past</i> DOI: 10.5194/CP-12-2107-2016	
European summer temperatures since Roman times	211
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Authors (8): Dorado Linan, Isabel; Zorita, Eduardo ... Gutierrez, Emilia Published: Apr 2015 in <i>Climate Dynamics</i> DOI: 10.1007/S00382-014-2416-X	
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Climate field reconstruction uncertainty arising from multivariate and nonlinear properties of predictors	29
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Published: Mar 2014 in <i>Climate of the Past</i> DOI: 10.5194/CP-10-537-2014	

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<p><b>Climate Change 2013: The Physical Science Basis</b></p> <p>Authors (5): Teicher BA; Ara G ... Adams J Published: 2014 in Climate Change: the Physical Science Basis DOI: 10.1017/CBO9781107415324</p>	<b>6667</b>
<p><b>Evaluation of Climate Models</b></p> <p>Authors (93): Flato, Gregory; Marotzke, Jochem ... Zhang, Jianguo Published: 2014 in Climate Change: the Physical Science Basis DOI: 10.1017/CBO9781107415324.020</p>	<b>1003</b>
<p><b>Impacts of a cluster of wind farms on wind resource availability and wind power production over complex terrain</b></p> <p>Authors (6): Hidalgo, A.; Conte, J. ... González-Rouco, J.F. Published: 2014 in European Wind Energy Association Conference and Exhibition, EWEA</p>	<div style="border: 1px solid black; background-color: #333; color: white; padding: 5px; text-align: center;">         Not indexed in the Web of Science       </div>
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<p><b>Detection and Attribution of Climate Change: from Global to Regional</b></p> <p>Authors (73): Bindoff, Nathaniel L.; Stott, Peter A. ... Zhang, Rong Published: 2014 in Climate Change 2013: the Physical Science Basis DOI: 10.1017/CBO9781107415324.022</p>	<b>422</b>
<p><b>Megadroughts in Southwestern North America in ECHO-G Millennial Simulations and Their Comparison to Proxy Drought Reconstructions*</b></p> <p>Published: Oct 2013 in Journal of Climate DOI: 10.1175/JCLI-D-12-00603.1</p>	<b>48</b>
<p><b>An evaluation of WRF's ability to reproduce the surface wind over complex terrain based on typical circulation patterns</b></p> <p>Authors (8): Jimenez, P. A.; Dudhia, J. ... Munoz-Roldan, A. Published: Jul 2013 in Journal of Geophysical Research: Atmospheres DOI: 10.1002/JGRD.50585</p>	<b>39</b>
<p><b>Continental-scale temperature variability during the past two millennia</b></p> <p>Authors (78): Ahmed, Moinuddin; Anchukaitis, Kevin J. ... Zorita, Eduardo Published: Apr 2013 in Nature Geoscience DOI: 10.1038/NGE01797</p>	<b>687</b>
<p><b>Analysis of the long-term surface wind variability over complex terrain using a high spatial resolution WRF simulation</b></p> <p>Authors (6): Jimenez, Pedro A.; Gonzalez-Rouco, J. Fidel ... Dudhia, J. Published: Apr 2013 in Climate Dynamics DOI: 10.1007/S00382-012-1326-Z</p>	<b>12</b>

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<b>Recurrent climate winter regimes in reconstructed and modelled 500 hPa geopotential height fields over the North Atlantic/European sector 1659-1990</b>	<b>36</b>
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