

Nicolas Robinson-Garcia

Social scientist and bibliometrics expert

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Nicolas Robinson-Garcia is a researcher in the field of bibliometrics and research evaluation. He currently enjoys a Marie Skłodowska-Curie grant within the LEaDing Fellows Programme at Delft Institute of Applied Mathematics, TU Delft (Netherlands). He previously worked at the School of Public Policy at Georgia Institute of Technology and at INGENIO (CSIC-UPV) in Spain. He holds a PhD on Social Sciences at the University of Granada. He is member of the Steering Committee of the European Summer School for Scientometrics. He has published over 40 articles and book chapters in the field of bibliometrics and research evaluation, including in elite journals like Nature, Science or Plos One. He is Associate Editor of the journal Frontiers in Research Metrics and Analytics in the section on 'Research Assessment' and member of the editorial board of Quantitative Science Studies (2020-2021).

Experience

Postdoctoral Fellow, Applied Mathematics, TU Delft, Delft, Netherlands 2019–2021
Leading the project **Unveiling the Ecosystem of Science: A Contextual Perspective on the Many Roles of Scientists** within the [Leading Fellows Marie Skłodowska-Curie COFUND Action](#) supervised by Gabriela F. Nane.

Postdoctoral Fellow, INGENIO (CSIC-UPV), Universitat Politècnica de València, Valencia, Spain 2018–2019
Sponsored by the **Juan de la Cierva-Incorporación** Programme from the Spanish Ministry of Science under the supervision of Ismael Ràfols.

Postdoctoral Fellow, School of Public Policy, Georgia Institute of Technology, Atlanta GA, United States 2017–2018
Working in the NSF funded project **Connecting nuances of foreign status, professional networks and higher education**, led by Eric Welch (PI), Julia Melkers and Kate Mamisheishvili and under the supervision of Julia Melkers.

Postdoctoral Fellow, INGENIO (CSIC-UPV), Universitat Politècnica de València, Valencia, Spain 2015–2017
Sponsored by the **Juan de la Cierva-Formación** Programme from the Spanish Ministry of Science under the supervision of Ismael Ràfols.

PhD Fellow, Universidad de Granada, Granada, Spain 2010–2014
Funded by a FPU grant from the Spanish Ministry of Economy and Competitiveness, and supervised by Evaristo Jiménez-Contreras and Emilio Delgado López-Cózar. I conducted my thesis on the analysis of university rankings.

Grants and awards

SCImago Award best paper in Library and Information Studies (4th ed.), granted by [EI profesional de la información](#) 2019
Granted for the paper "New data, new possibilities: Exploring the insides of Altmetric.com" [doi:10.3145/epi.2014.jul.03-Award announcement](https://doi.org/10.3145/epi.2014.jul.03-Award%20announcement)

Marie Skłodowska-Curie, within the [LEaDing Fellows](#) programme 2019–2021
Funded by the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 707404.
[Project website](#)

Juan de la Cierva-Incorporación 2018–2019
Granted by the Spanish Ministry of Economy and Competitiveness and co-funded by Universitat Politècnica de València

Award Extraordinary PhD Thesis, in the field of the Social Sciences 2017
Granted by the University of Granada (Spain)

José Castillejo/Fulbright, for a 3 month research stay at the School of Public Policy, Georgia Institute of Technology 2017
Granted by the Spanish Ministry of Economy and the Fulbright Commission
Hosted by professor Diana Hicks.

Juan de la Cierva-Formación 2015-2017

Granted by the Spanish Ministry of Economy and Competitiveness and co-funded by Universitat Politècnica de València

FPU, Formación de Profesorado Universitario 2010-2014
Granted by the Spanish Ministry of Education to pursue a PhD.
Located at the University of Granada

Research projects

Unveiling the Ecosystem of Science: A Contextual Perspective on the Many Roles of Scientists 2019–2021
Principal investigator
Funded the LEaDing Fellows Programme

Visiting Scholarship for professor Henk F. Moed at the University of Granada 2016–2017
Team member

Connecting nuances of foreign status, professional networks and higher education 2014–2017
Team member
Funded by the US National Science Foundation

Evaluación del impacto científico de las redes cooperativas de investigación en biomedicina financiadas por el ISCIII (RETICS y CIBER) 2016
Team member
Funded by the Instituto de Salud Carlos III (FIS)

BiPublishers, Bibliometric Indicators for Publishers 2015
Sponsored by [EC3metrics SL](#)

Viability of co-downloading data analysis for mapping interdisciplinary research at institutional level 2014
Team member
Sponsored by the Elsevier Bibliometric Programme

Evaluación de editoriales y libros científicos españoles en Humanidades y Ciencias Sociales a través de análisis de citas y difusión en bibliotecas (2000-2008) 2012–2014
Team member
Funded by the Spanish R&D National Plan

Contract research

Public engagement of PBL through social media, commissioned by Ad Prins 2017
1,800 €

Indicators for open data based on DataCite, commissioned by the Centre for Science and Technology Studies-CWTS (Leiden University), European Commission 2016
5,000 €

Academic service

Scientific Committee Member: SSI 2013, ISSI 2015, STI 2015, STI 2016, STI2017, ISSI2017, ATLC2017, STI2018, ISSI2019, ATL2019, COLLNET2019

Academic publishing: Reviewer ([Complete history](#)), Review Editor (2016-2019), Associate Editor (2019-) for [Frontiers in Research Metrics and Analytics](#), Research Assessment specialty, Editorial Board member for the 2020–2021 term for [Quantitative Science Studies](#)

Organization Committee Member: [European Scientometrics Summer School](#), [LIS-Bibliometrics](#)

Education

Philosophiae Doctor (Ph.D.), Dep. of Library and Information Studies, University of Granada, 2014
Spain
International mention. Final grade *cum laude*. Subject of the dissertation: [Classifying and visualizing the disciplinary focus of universities: The invisible factor of university rankings](#). Supervisors: Evaristo Jiménez-Contreras and Emilio Delgado López-Cózar. External reviewers: Henk F. Moed and Juan Gorraiz

Master of Science (M.Sc.), Dep. of Library and Information Studies, University of Granada, 2010
Spain
MSc. programme on *Scientific Information*.

Computer skills

Software: SQL, R, VOSViewer, Gephi

Desktop publishing: \LaTeX , BibTeX, Microsoft Office, LibreOffice, Inkscape, Markdown, Google Docs

Languages

Mother tongue **Spanish**
Other languages¹

English

German

French

| Understanding | | | | Speaking | | | | Writing | |
|---------------|--------|---------|--------|-------------|--------|------------|--------|---------|--------|
| Listening | | Reading | | Interaction | | Production | | | |
| C2 | Fluent | C2 | Fluent | C2 | Fluent | C2 | Fluent | C2 | Fluent |
| A1 | Basic | A1 | Basic | A1 | Basic | A1 | Basic | A1 | Basic |
| A1 | Basic | A1 | Basic | A1 | Basic | A1 | Basic | A1 | Basic |

Publications

Book chapters

- [1] Nicolas Robinson-Garcia, Ismael Rafols. 'The differing meanings of indicators under different policy contexts. The case of internationalisation'. In: *Evaluative informetrics – the art of metrics-based research assessment. Festschrift in honour of Henk F. Moed*. Springer, Forthcoming. arXiv: [1909.10274](https://arxiv.org/abs/1909.10274) [cs.DL].
- [2] Daniel Torres-Salinas, Nicolas Robinson-Garcia, Henk F Moed. 'Disentangling Gold Open Access'. In: *Springer Handbook of Science and Technology Indicators*. Springer, 2019, pp. 129–144.
- [3] Alesia Zuccala, Nicolas Robinson-Garcia. 'Reviewing, indicating, and counting books for modern research evaluation systems'. In: *Springer Handbook of Science and Technology Indicators*. Springer, 2019, pp. 715–728.
- [4] Nicolas Robinson-Garcia, Evaristo Jiménez-Contreras. 'Analyzing the disciplinary focus of universities: Can rankings be a one-size-fits-all?'. In: *World University Rankings and the Future of Higher Education*. IGI Global, 2017, pp. 161–185.
- [5] Daniel Torres-Salinas, Nicolás Robinson-García. 'Los blogs de salud y la gestión online de información médica'. In: *La comunicación médica interactiva: el desafío de Internet*. Fragua, 2012.

Peer-reviewed journals

- [1] Mining university rankings: Publication output and citation impact as their basis
Nicolas Robinson-Garcia, Daniel Torres-Salinas, Enrique Herrera-Viedma, Domingo Docampo
Research Evaluation 28.3 (2019) pp. 232–240. 2019
- [2] Mapping social media attention in Microbiology: identifying main topics and actors
Nicolas Robinson-Garcia, Wenceslao Arroyo-Machado, Daniel Torres-Salinas
FEMS microbiology letters 366.7 (2019) fnz075. Oxford University Press, 2019
- [3] The many faces of mobility: Using bibliometric data to measure the movement of scientists
Nicolás Robinson-Garcia, Cassidy R Sugimoto, Dakota Murray, Alfredo Yegros-Yegros, Vincent Larivière, Rodrigo Costas
Journal of Informetrics 13.1 (2019) pp. 50–63. Elsevier, 2019
- [4] Using altmetrics for contextualised mapping of societal impact: From hits to networks
Nicolas Robinson-Garcia, Thed N Leeuwen, Ismael Rafols
Science and Public Policy 45.6 (2018) pp. 815–826. Oxford University Press, 2018
- [5] The insoluble problems of books: What does Altmetric. com have to offer?
Daniel Torres-Salinas, Juan Gorraiz, Nicolas Robinson-Garcia
Aslib Journal of Information Management 70.6 (2018) pp. 691–707. Emerald Publishing Limited, 2018
- [6] A global comparison of scientific mobility and collaboration according to national scientific capacities
Zaida Chinchilla-Rodríguez, Lili Miao, Dakota Murray, Nicolás Robinson-García, Rodrigo Costas, Cassidy R Sugimoto
Frontiers in Research Metrics and Analytics 3 (2018) p. 17. Frontiers, 2018
- [7] Travel bans and scientific mobility: utility of asymmetry and affinity indexes to inform science policy
Zaida Chinchilla-Rodríguez, Yi Bu, Nicolás Robinson-García, Rodrigo Costas, Cassidy R Sugimoto
Scientometrics 116.1 (2018) pp. 569–590. Springer, 2018

- [8] **“Getting out of the closet”: scientific authorship of literary fiction and knowledge transfer**
Joaquín M Azagra-Caro, Anabel Fernández-Mesa, Nicolás Robinson-García
The Journal of Technology Transfer (2018) pp. 1–30. Springer, 2018
- [9] **Scientific mobility indicators in practice: International mobility profiles at the country level**
Nicolás Robinson-García, Cassidy R Sugimoto, Dakota Murray, Alfredo Yegros-Yegros, Vincent Larivière, Rodrigo Costas
El Profesional de la Información 27.3 (2018) pp. 511–520. 2018
- [10] **Perspectiva y retos de los profesionales de la evaluación científica y la bibliometría**
Nicolás Robinson-García, Rafael Repiso, Daniel Torres-Salinas
El profesional de la información (EPI) 27.3 (2018) pp. 461–466. 2018
- [11] **Consideraciones metodológicas sobre uso del impacto normalizado en convocatorias Severo Ochoa y María de Maetzu**
Daniel Torres-Salinas, Nicolás Robinson-García, Enrique Herrera-Viedma, Evaristo Jiménez-Contreras
El Profesional de la Información 27.2 (2018) pp. 367–374. 2018
- [12] **Filling the citation gap: measuring the multidimensional impact of the academic book at institutional level with PlumX**
Daniel Torres-Salinas, Nicolás Robinson-García, Juan Gorraiz
Scientometrics 113.3 (2017) pp. 1371–1384. Springer, 2017
- [13] **Incorporating data sharing to the reward system of science: Linking DataCite records to authors in the Web of Science**
Philippe Mongeon, Nicolas Robinson-Garcia, Wei Jeng, Rodrigo Costas
Aslib Journal of Information Management 69.5 (2017) pp. 545–556. Emerald Publishing Limited, 2017
- [14] **Scientists have most impact when they’re free to move**
Cassidy R Sugimoto, Nicolás Robinson-García, Dakota S Murray, Alfredo Yegros-Yegros, Rodrigo Costas, Vincent Larivière
Nature News 550.7674 (2017) p. 29. 2017
- [15] **DataCite as a novel bibliometric source: Coverage, strengths and limitations**
Nicolas Robinson-Garcia, Philippe Mongeon, Wei Jeng, Rodrigo Costas
Journal of Informetrics 11.3 (2017) pp. 841–854. Elsevier, 2017
- [16] **The unbearable emptiness of tweeting—About journal articles**
Nicolas Robinson-Garcia, Rodrigo Costas, Kimberley Isett, Julia Melkers, Diana Hicks
PloS one 12.8 (2017) e0183551. Public Library of Science, 2017
- [17] **Tracking the performance of an R&D programme in the biomedical sciences**
Nicolas Robinson-Garcia, Alvaro Cabezas-Clavijo, Evaristo Jiménez-Contreras
Research Evaluation 25.3 (2016) pp. 339–346. Oxford University Press, 2016
- [18] **Analyzing data citation practices using the data citation index**
Nicolas Robinson-García, Evaristo Jiménez-Contreras, Daniel Torres-Salinas
Journal of the Association for Information Science and Technology 67.12 (2016) pp. 2964–2975. Wiley Online Library, 2016
- [19] **Bibliometric and benchmark analysis of gold open access in Spain: big output and little impact**
Daniel Torres-Salinas, Nicolás Robinson-García, Isidro F Aguillo
El profesional de la información (EPI) 25.1 (2016) pp. 17–24. 2016
- [20] **The time for bibliometric applications**
Daniel Torres-Salinas, Nicolás Robinson-García
Journal of the Association for Information Science and Technology 67.4 (2016) pp. 1014–1015. Wiley Online Library, 2016
- [21] **The BiPublishers ranking: main results and methodological problems when constructing rankings of academic publishers**
Daniel Torres-Salinas, Nicolás Robinson García, Evaristo Jiménez Contreras, Enrique Fuente Gutiérrez
Revista española de documentación científica 38.4 (2015) p. 10. Centro de Información y Documentación Científica (CINDOC), 2015
- [22] **An insight into the importance of national university rankings in an international context: the case of the I-UGR rankings of Spanish universities**
Nicolás Robinson-García, Daniel Torres-Salinas, Emilio Delgado López-Cózar, Francisco Herrera
Scientometrics 101.2 (2014) pp. 1309–1324. Springer, 2014

- [23] Analyzing the citation characteristics of books: edited books, book series and publisher types in the book citation index
Daniel Torres-Salinas, Nicolás Robinson-García, Álvaro Cabezas-Clavijo, Evaristo Jiménez-Contreras
Scientometrics 98.3 (2014) pp. 2113–2127. Springer, 2014
- [24] Best-in-class and strategic benchmarking of scientific subject categories of Web of Science in 2010
Jose A García, Rosa Rodríguez-Sánchez, Joaquín Fdez-Valdivia, Nicolas Robinson-García, Daniel Torres-Salinas
Scientometrics 99.3 (2014) pp. 615–630. Springer, 2014
- [25] Coverage, field specialisation and the impact of scientific publishers indexed in the Book Citation Index
Daniel Torres-Salinas, Nicolas Robinson-Garcia, Juan Miguel Campanario, Emilio Delgado Lopez-Cozar
Online Information Review 38.1 (2014) pp. 24–42. Emerald Group Publishing Limited, 2014
- [26] Science Communication: Flawed Citation Indexing
Emilio Delgado López-Cózar, Nicolás Robinson-García, Daniel Torres-Salinas
Science 342.6163 (2013) pp. 1169–1169. American Association for the Advancement of Science, 2013
- [27] Análisis de redes de las universidades españolas de acuerdo a su perfil de publicación en revistas por áreas científicas
Nicolás Robinson-García, Rosa Rodríguez-Sánchez, JA García, Daniel Torres-Salinas, J Fdez-Valdivia
Revista española de Documentación Científica 36.4 (2013) p. 027. 2013
- [28] Against the resilience of rejected manuscripts
Nicolás Robinson-García, Emilio Delgado López-Cózar, Daniel Torres-Salinas, Juan Miguel Campanario
Journal of the American Society for Information Science and Technology 64.10 (2013) pp. 2187–2188. Wiley Online Library, 2013
- [29] Reviewers' ratings and bibliometric indicators: Hand in hand when assessing over research proposals?
Alvaro Cabezas-Clavijo, Nicolas Robinson-Garcia, Manuel Escabias, Evaristo Jiménez-Contreras
PloS one 8.6 (2013) e68258. Public Library of Science, 2013
- [30] Mapping citation patterns of book chapters in the Book Citation Index
Daniel Torres-Salinas, Rosa Rodríguez-Sánchez, Nicolás Robinson-García, J Fdez-Valdivia, José A García
Journal of informetrics 7.2 (2013) pp. 412–424. Elsevier, 2013
- [31] On the use of biplot analysis for multivariate bibliometric and scientific indicators
Daniel Torres-Salinas, Nicolás Robinson-García, Evaristo Jiménez-Contreras, Francisco Herrera, Emilio Delgado López-Cózar
Journal of the American Society for Information Science and Technology 64.7 (2013) pp. 1468–1479. Wiley Online Library, 2013
- [32] Benchmarking research performance at the university level with information theoretic measures
Jose A García, Rosa Rodríguez-Sánchez, J Fdez-Valdivia, Nicolas Robinson-García, Daniel Torres-Salinas
Scientometrics 95.1 (2013) pp. 435–452. Springer, 2013
- [33] Visibilidad internacional e impacto de la producción científica española en Sanidad Penitenciaria (2002-2011)
Rafael Ruíz-Pérez, Nicolás Robinson-García
Revista española de sanidad Penitenciaria 15.1 (2013) pp. 23–34. SciELO Espana, 2013
- [34] Mapping academic institutions according to their journal publication profile: Spanish universities as a case study
Jose A García, Rosa Rodríguez-Sánchez, J Fdez-Valdivia, Nicolas Robinson-García, Daniel Torres-Salinas
Journal of the American Society for Information Science and Technology 63.11 (2012) pp. 2328–2340. Wiley Online Library, 2012
- [35] Hacia un ranking bibliométrico de editoriales científicas de libros. Primera aproximación utilizando el «Book Citation Index»
Daniel Torres-Salinas, Nicolás Robinson-García, Evaristo Jiménez-Contreras, Emilio Delgado López-Cózar
Revista española de Documentación Científica 35.4 (2012) pp. 615–624. 2012
- [36] Compartir los datos de investigación en ciencia: introducción al data sharing
Daniel Torres-Salinas, Nicolás Robinson García, Alvaro Cabezas Clavijo
El profesional de la información 21.2 (2012) pp. 173–184. EPI SCP, 2012
- [37] Repositories in Google Scholar Metrics or what is this document type doing in a place as such?
Emilio Delgado López-Cozar, Nicolás Robinson-García

Cybermetrics: International Journal of Scientometrics, Informetrics and Bibliometrics 16 (2012) pp. 4–7. Centro de Información y Documentación Científica (CINDOC), 2012

- [38] Productividad e impacto de los investigadores españoles: umbrales de referencia por áreas científicas
Evaristo Jiménez-Contreras, Nicolás Robinson-García, Álvaro Cabezas-Clavijo
Revista española de documentación científica 34.4 (2011) pp. 505–525. 2011
- [39] Cómo comunicar y diseminar información científica en Internet para obtener mayor visibilidad e impacto
Nicolás Robinson-García, Emilio Delgado-López-Cózar, Daniel Torres-Salinas
Aula Abierta 39.3 (2011) pp. 41–50. Instituto de Ciencias de la Educación. Universidad de Oviedo., 2011
- [40] Tratamiento lingüístico de las preguntas en español en los sistemas de búsqueda de respuestas
María-Dolores Olvera-Lobo, Nicolás Robinson-García
El Profesional de la Información 18.2 () pp. 180–187

Selected presentations and invited talks

- [1] ¿Cómo preparar y afrontar una estancia de investigación internacional con éxito?
MOTIVADxS: un encuentro UGR para jóvenes investigadores, Universidad de Granada, Granada, 2 Dec 2019
- [2] Aligning scientific impact and societal relevance: The roles of academic engagement and interdisciplinary research
Atlanta Conference on Science and Innovation Policy, Atlanta GA, United States, 14-16 Oct, 2019
- [3] Towards a multidimensional valuation model of scientists
Atlanta Conference on Science and Innovation Policy, Atlanta GA, United States, 14-16 Oct, 2019
- [4] Practical Applications of Altmetrics
European Scientometrics Summer School, Louvain, Belgium, 20 Jul 2019
- [5] Introduction to Bibliometric Data Sources Part 3 – Google Scholar
European Scientometrics Summer School, Louvain, Belgium, 20 Jul 2019