

CV date

17/11/2023

Part A. PERSONAL INFORMATION

First and Family name	Josep Domenech i de Soria		
ID number		Age	43
Researcher numbers	Researcher ID	I-3666-2012	
	Orcid code	0000-0002-7302-5810	

A.1. Current position

Institution	Universitat Politècnica de València		
Department	Economy and Social Sciences		
Address and Country	Camí de Vera s/n . 46022 Valencia		
Phone number	+34963877007	E-mail	jdomenech@upvnet.upv.es
Current position	Catedrático de Universidad	Since	31/10/2023
Espec. cód. UNESCO	5304, 3304		
Palabras clave	Internet economics, Digital economy, World Wide Web		

A.2. Education

Degree	University	Year
Ph.D (Doctor)	Universitat Politècnica de València	2007
M.Sc. in Economics (Licenciado)	Universitat de València	2014
M.Sc. in Computer Engineering (Ingeniero)	Universitat Politècnica de València	2002
M. Sc. in Multimedia Applications	Universitat Politècnica de València	2005

A.3. General Quality indicators of scientific production

- 3 six-year periods of research positively evaluated (2003-2008, 2009-2014, 2015-2020).
- Advisor of 2 Ph. D. thesis
- Editor of 15 books of proceedings of international conferences, being the conference general chair in 13 of these conferences.
- Participation in 24 funded research projects (885,352 €), being the principal investigator in 12 of them (574,962 €).

Indicators from Web of Science

Total Articles in Publication List:	52	Sum of Times Cited:	343
Avg citations per year (last 5 years):	19	h-index:	8

Indicators from Scopus

Documents:	53	Sum of Times Cited:	544 (by 457 docs)
Avg citations per year (last 5 years):	62	h-index:	11

Indicators from Google Scholar

Documents:	105	Sum of Times Cited:	1154
Avg citations per year (last 5 years):	117	h-index:	17

Part B. CV Summary

Josep Domenech has a multidisciplinary background education in Business (B.Sc.), Economics (M.Sc.), and Computer Engineering (B.Sc., M.Sc., and Ph.D.). He was the recipient of an "Award for academic performance" by the Generalitat Valenciana due to his excellent academic record. It also allowed him to receive a grant for research staff preparation (FPI) funded by the Universitat Politècnica de València (2003-2006). Although his Ph.D. thesis was developed in a Computer Engineering program, it included some economic perspective on the evaluation of web prediction algorithms, since the thesis was done simultaneously with his studies in Business.

He is Full Professor (Catedrático de Universidad) in Applied Economics at the Universitat Politècnica de València (UPV). Before joining the UPV, between 2007 and 2009, he had different academic positions (Ayudante Doctor / Asociado) in Computer Architecture at the Universitat de València.

Both his teaching and research activities are consistent with his multidisciplinary background. On the one hand, he teaches Digital Economy to students in Business Administration and Social and Economic Behavior to students in Data Science. On the other hand, most research projects in which he is involved combine both economics and internet technologies.

Josep Domenech has participated in the development of 19 research projects, being the principal investigator of 7 of them. They resulted in 61 contributions to conferences, 25 papers published in journals indexed in the JCR, 16 edited research books, and 7 authored book chapters. He is also the author of an international patent.

The impact of his research is substantial and multifaceted, reflecting his extensive and varied background. From the academic perspective, Josep Domenech has been invited as keynote speaker to share his expertise on the convergence of Big Data methods and economics in several conferences and meetings, such as the 4POINT0 Conference on Policies, Practices and Processes related to the Performance of Innovation Ecosystems (Canada); the we.create conference, and the TISGPS conference (China). His paper on Big Data sources and methods for economic analyses is a key reference in the topic and received the “Highly Cited Paper” award by Clarivate’s Web of Science. This recognition, along with his publications in top-tier journals like *Technological Forecasting & Social Change*, *Journal of Business Research*, *Annals of Operations Research*, *Economics Letters*, and *Expert System with Applications*, emphasizes the academic rigor and impact of his research.

His research has also reached institutions and companies, underscoring its practical relevance and applicability. His collaborations with the Joint Research Centre (JRC) of the European Commission, Eurostat, BigML, Devstat, GfK, Lidl, Kritisch Denken, SOWISO, the Valencian Institute of Economic Research (IVIE), and the Generalitat Valenciana demonstrate a wide recognition of his expertise in applying his research to real-world scenarios. These collaborations with diverse organizations reflect the utility of his research in informing policy, enhancing business strategies, and driving innovation.

Regarding the teaching activities, they involve both undergraduate and master levels across Economics and Computing fields. He has been invited as a guest lecturer for master program courses in Mexico and Bolivia, as well as a guest speaker for specialized workshops in Sri Lanka and Tanzania. He is the author (and coordinator) of a textbook published by Tirant lo Blanch, and also led two research projects on innovative teaching. His publication record includes 27 papers related to innovative teaching practices. He is also the recipient of an award (3.000€) for his excellent teaching, given by the Generalitat Valenciana.

He has been a visiting researcher at Middlesex University (2012) and Università degli Studi di Milano (2019). Collaborations during these visits resulted in research papers published in Q1 JCR-indexed journals. He has also visited the Hanoi University of Science and Technology and the Turku University of Applied Sciences.

Part C. RELEVANT MERITS

C.1. Selected publications

1. Crosato, Lisa; Domenech, Josep; Liberati, Caterina. (2023) Websites’ data: a new asset for enhancing credit risk modeling. *Annals of Operations Research*. <https://doi.org/k5g8> . **Q1** in JCR (Operations Research & Management Science)
2. Malagón, P.; Debón, A.; Domenech, J. (2023) Measuring the popularity of football players with Google Trends. *Plos One* 18(8): e0289213. <https://doi.org/k5g7> . **Q2** in JCR (Multidisciplinary Sciences).
3. Rizov, Marian; Vecchi, Michela; Domenech, Josep. (2022) Going online: Forecasting the impact of websites on productivity and market structure. *Technological Forecasting and Social Change* (184). <https://doi.org/k5hb> . **D1** in JCR (Business)

4. Cebrían, Eduardo; Domenech, Josep. (2022) Is Google Trends a quality data source? *Applied Economics Letters*. 10.1080/13504851.2021.2023088. **Q4** in JCR (Economics)
5. Crosato, L.; Domenech, J.; Liberati, C. (2021) Predicting SME's default: Are their websites informative? *Economics Letters* 204, 19888. <http://doi.org/k5hj>. **Q2** in JCR (Eco)
6. Blazquez, Desamparados; Domenech, Josep. (2018) Big Data sources and methods for social and economic analyses. *Technological Forecasting and Social Change* 13, 99 - 113. 10.1016/j.techfore.2017.07.027 . **Highly cited paper** (WoS). **D1** in JCR (Business)
7. Blazquez, Desamparados; Domenech, Josep. (2018) Web Data Mining for Monitoring Business Export Orientation. *Technological and Economic Development of Economy* 24, 406 - 428. 10.3846/20294913.2016.1213193. **D1** in JCR (Economics)
8. Blazquez, Desamparados; Domenech, Josep; Debón Aucejo, Ana María. (2018) Do corporate websites' changes reflect firms' survival? *Online Information Review* 42, 956 - 970. 10.1108/OIR-11-2016-0321. **Q2** in JCR (Information Science)
9. Blazquez, D.; Domenech, Josep; Gil, José A.; Pont, Ana. (2019) Monitoring E-commerce Adoption from Online Data. *Knowledge and Information Systems*. 10.1007/s10115-018-1233-7. **Q2** in JCR (Computer Science, Information Systems)
10. Domenech, J.; Peña Ortiz, R.; Gil, J. A.; Pont, A. (2016) A Methodology for Economic Evaluation of Cloud-Based Web Applications. *International Journal of Information Technology & Decision Making* 6 (15), 1555 - 1578. 10.1142/S021962201650036X. **Q2** in JCR (Operations Research & Management Science)
11. Domenech, J.; Escamilla-Domínguez, Jose Rafael; Norat Roig-Tierno. (2016) Explaining knowledge-intensive activities from a regional perspective. *Journal of Business Research*, 4 (69), 1301 - 1306. <https://doi.org/gd2wd4> . **Q1** in JCR (Business).
12. Domenech, J., de la Ossa, B., Sahuquillo, J.; Gil, J.A., Pont, A. (2012) A taxonomy of web prediction algorithms. *Expert Systems with Applications* 39 (9), 8496-8502. <https://doi.org/fzdymb> . **D1** in JCR (Operations research & Management Science)

C.2. Research projects and grants

1. Methodologies for the development of the new SME twin transition monitor for the EU
(CT-EX2016D274043-105)
Funded by: Joint Research Centre – European Commission (01/03/2023 – 31/03/2024)
Principal Investigator: Domenech, Josep
Grant amount: 25,200 € Researchers: 2
2. Convocatoria Beatriz Galindo para la atracción de talento investigador
Funded by: Agencia Estatal de Investigación (01/09/2023 – 31/08/2027)
Principal Investigator: Domenech, Josep
Grant amount: 260,000 € Researchers: 2
3. Seguimiento de las transformaciones productivas en España
Funded by: Instituto Valenciano de Investigaciones Económicas (01/01/2023 – 31/12/2023)
Principal Investigator: Domenech, Josep
Grant amount: 16,000 €
4. Análisis e impulso a la cultura de la evaluación de las políticas públicas (S0890000)
Funded by: Generalitat Valenciana (01/01/2022 – 31/12/2022)
Principal Investigator: Domenech, Josep
Grant amount: 30,000 € Researchers: 13
5. Web-based data from Companies: New approaches and methodologies, scalability,
automatization and visualization (CT-EX2016D274043-103)
Funded by: Joint Research Centre – European Commission (09/09/2021 – 09/09/2022)
Principal Investigator: Domenech, Josep
Grant amount: 17,100 € Researchers: 5
6. Digital Footprint, competitiveness and business demography (PID2019-107765RB-I00)
Funded by: Agencia Estatal de Investigación (01/06/2020 - 01/06/2023)
Principal Investigator: Domenech, Josep
Grant amount: 14.641.00 € Researchers: 4

7. Garantía Juvenil Indicadores Economicos Basados en la Web (PEJ2018-003267-A-AR)
Funded by: Agencia Estatal de Investigación (04/07/2019 - 04/12/2021)
Principal Investigator: Domenech, Josep
Grant amount: 47.308,49 € Researchers: 2
8. Ayuda Garantía Juvenil-Indicadores económicos basados en la web (GJIDI/2018/A/248)
Funded by: Generalitat Valenciana (15/10/2018 - 15/11/2020)
Principal Investigator: Domenech, Josep
Grant amount: 48,584.68 € Researchers: 2
9. Eficiencia económica en planificación y uso de infraestructuras cloud (TIN2013-43913-R)
Funded by: Ministerio de economía industria y competitividad (01/01/2014 - 01/01/2018)
Principal Investigator: Domenech, Josep; Pont Sanjuan, Ana
Grant amount: 89,865.49 € Researchers: 8
10. Ayuda Contrato FPU 2014-Blazquez Soriano (AP2014/02386)
Funded by: Ministerio de Educación (01/09/2015 - 01/10/2019)
Principal Investigator: Domenech, Josep
Grant amount: 79,597.96 € Researchers: 2
11. Desarrollo de metodologías para la obtención de indicadores web para los sistemas de innovación (GV/2011/002)
Funded by: Generalitat Valenciana (01/01/2011 - 01/01/2013)
Principal Investigator: Domenech, Josep
Grant Amount: 6,000 € Researchers: 5
12. Indicadores web para los sistemas sectoriales de innovación (PAID-06-10-2424)
Funded by: Generalitat Valenciana (01/11/2010 - 01/11/2012)
Principal Investigator: Domenech, Josep
Grant Amount: 12,000 € Researchers: 6

C.4. Patents

Method for reducing the download time of web pages (ES2328998B2)

Inventors: Doménech, Josep; Pont, Ana; Gil José Antonio; Sahuquillo, Julio

C.5. Thesis advisor

1. Desamparados Blázquez Soriano (2019). Design and Evaluation of Web-Based Economic Indicators: A Big Data Analysis Approach
Grade: Sobresaliente (cum laude). Outstanding Doctoral Award. International mention.
2. Pablo Pinazo Dallenbach (2016). Emprendimiento en El Salvador: La Inseguridad ciudadana como barrera
Grade: Sobresaliente (cum laude)

C.6. Membership of international committees

Regular scientific committee member of indexed international conferences such as the IEEE/ACM/WIC Web Intelligence, and the International Conference on Knowledge Science, Engineering and Management (KSEM) since 2009.

I am also the founder and general chair of two international conferences:

- 1st to 4th edition of the International Conference on Advanced Research Methods and Analytics (CARMA). The last conference had two special sessions organized by WISER group (Eurostat) and Central Banks. Their proceedings are indexed in Web of Science.
- 1st to 9th edition of the International Conference on Higher Education Advances (HEAd), with over 220 participants every year (75% of them from abroad). Their proceedings are indexed in Scopus and the Web of Science-Conference Citation Proceedings Index.

Member of the editorial board of the International Journal of Web Engineering and Technology (IJWET) between 2007 and 2016. Also, guest editor for the Journal of Open Innovation: Technology, Market, and Complexity and publication chair of IFIP Networking 2011 and 2012, and IFIP Wireless Days 2013 and 2014.

I have been a reviewer of research projects for the European Research Executive Agency (REA), the National Agency for Quality Assessment and Accreditation of Spain, (ANECA), the Austrian Science Fund (FWF), and the German Research Foundation (DFG).