Listado de publicaciones que han recibido financiación para el pago de APC (*Article Processing Charges*), **durante el año 2022**; según lo estipulado en las ***Condiciones generales para conceder el pago de APC de un artículo a un autor UC3M***

Fecha de actualización: **22 de febrero de 2023**

Cambridge

- Blazsek, Szabolcs, Alvaro Escribano, and Adrian Licht. "Co-Integration with Score-Driven Models: An Application to US Real GDP Growth, US Inflation Rate, and Effective Federal Funds Rate." *Macroeconomic Dynamics* (2021): 1-21. doi:10.1017/S1365100521000365. https://www.cambridge.org/core/article/cointegration-with-scoredriven-models-an-application-to-us-real-gdp-growth-us-inflation-rate-and-effective-federal-funds-rate/A1356C9CA70493D3A43758FE8A3300BB.

- Farzamnik, E., A. Ianiro, S. Discetti, N. Deng, K. Oberleithner, B. R. Noack, and V. Guerrero. "From Snapshots to Manifolds – a Tale of Shear Flows." *Journal of Fluid Mechanics* 955, (2023): A34. doi:10.1017/jfm.2022.1039. https://www.cambridge.org/core/article/from-snapshots-to-manifolds-a-tale-of-shear-flows/E3700F6320C9934FBC2B78092D6964D3.

- Huete, César, Alexander L. Velikovich, Daniel Martínez-Ruiz, and Andrés Calvo-Rivera. "Stability of Expanding Accretion Shocks for an Arbitrary Equation of State." *Journal of Fluid Mechanics* 927, (2021): A35. doi:10.1017/jfm.2021.781. https://www.cambridge.org/core/article/stability-of-expanding-accretion-shocks-for-an-arbitrary-equation-of-state/4FE717D46597E2EA2E5FD0A182679AC8.

- Gonzales, Sara and Juan J. Fernández. "Socio-Economic Gaps in Workers' Participation in Private Pension Programmes in Ten European Countries." *Journal of Social Policy* (2022): 1-33. doi:10.1017/S0047279422000897. https://www.cambridge.org/core/article/socioeconomic-gaps-in-workers-participation-in-private-pension-programmes-in-ten-european-countries/4870BECDBC2EC297FF56DC7EADC8C379.

- Houpt, Stefan and Juan Carlos Rojo Cagigal. "Sustenance and Strife. Standards of Living and Family Vulnerability during Spain's Industrialisation. the Bilbao Estuary, 1914-1935." *Revista De Historia Economica - Journal of Iberian and Latin American Economic History* (2022): 1-32. doi:10.1017/S0212610922000131. https://www.cambridge.org/core/article/sustenance-and-strife-standards-of-living-and-family-vulnerability-during-spains-industrialisation-the-bilbao-estuary-19141935/27B2AE216B61E076A57E36D42EC86EE8.

- Riera, Pedro and Francisco Cantú. "Electoral Systems and Ideological Voting." *European Political Science Review* 14, no. 4 (2022): 463-481.

doi:10.1017/S1755773922000248. https://www.cambridge.org/core/article/electoral-systems-and-ideological-voting/E9128EF2F0E54BB92FC7F2E2D09F4D38.

- Ruiz-Martín, Désirée, Javier Rivero-Rodriguez, and Mario Sánchez-Sanz. "Solid Particles Moving Parallel to a Deformable Liquid–liquid Interface in a Micro-Channel: Migration Forces." *Journal of Fluid Mechanics* 948, (2022): A44. doi:10.1017/jfm.2022.683. https://www.cambridge.org/core/article/solid-particles-moving-parallel-to-a-deformable-liquidliquid-interface-in-a-microchannel-migration-forces/E8D4A73131317001C68662B8E6409153.

- Sánchez-Barricarte, Jesús J. "Factors Influencing the Sex Ratio at Birth in the United States from a Historical Perspective." *Journal of Biosocial Science* (2023): 1-24. doi:10.1017/S0021932022000554. https://www.cambridge.org/core/article/factors-influencing-the-sex-ratio-at-birth-in-the-united-states-from-a-historical-perspective/CFABE0060B67B5B97513A0693644BB08.

- Viaene, Lieselotte. "Can Rights of Nature Save Us from the Anthropocene Catastrophe? some Critical Reflections from the Field." *Asian Journal of Law and Society* (2022): 1-20. doi:10.1017/als.2022.2. https://www.cambridge.org/core/article/can-rights-of-nature-save-us-from-the-anthropocene-catastrophe-some-critical-reflections-from-the-field/094723C956D8AE2FC5E2D7F4BD494A9C

Elsevier

Alcántara, Antonio, Inés M. Galván, and Ricardo Aler. "Pareto Optimal Prediction Intervals with Hypernetworks." *Applied Soft Computing* 133, (2023): 109930. doi:10.1016/j.asoc.2022.109930. https://www.sciencedirect.com/science/article/pii/S1568494622009796.

Andrés, Eduardo, Daniel González-Arribas, Manuel Soler, Maryam Kamgarpour, Manuel Sanjurjo-Rivo, and Juan Simarro. "Iterative Graph Deformation for Aircraft Trajectory Planning Considering Ensemble Forecasting of Thunderstorms." *Transportation Research Part C: Emerging Technologies* 145, (2022): 103919. doi:10.1016/j.trc.2022.103919. https://www.sciencedirect.com/science/article/pii/S0968090X22003321.

Asimakopoulos, Grigorios, Antonio Revilla, and Alicia Rodríguez. "International R&D Sourcing, Innovation and Firm Age: The Advantage of 'born-International Sourcers'." *Technovation* (2022): 102662. doi:10.1016/j.technovation.2022.102662. https://www.sciencedirect.com/science/article/pii/S0166497222002139.

Bagnulo, Marcelo and Alberto García-Martínez. "When Less is More: BBR Versus LEDBAT++." *Computer Networks* 219, (2022): 109460. doi:10.1016/j.comnet.2022.109460. https://www.sciencedirect.com/science/article/pii/S1389128622004947.

Bahrami, M., D. Lavayen-Farfan, M. A. Martínez, and J. Abenojar. "Experimental and Numerical Studies of Polyamide 11 and 12 Surfaces Modified by Atmospheric Pressure Plasma Treatment." *Surfaces and Interfaces* 32, (2022): 102154.

doi:10.1016/j.surfin.2022.102154.
https://www.sciencedirect.com/science/article/pii/S2468023022004229.

Camacho, Maximo, Angela Caro, and Daniel Peña. "What Drives Industrial Energy Prices?" *Economic Modelling* 120, (2023): 106158. doi:10.1016/j.econmod.2022.106158. https://www.sciencedirect.com/science/article/pii/S0264999322003959.

Carrasco-Baltasar, Daniel, Shirley García-Castillo, Inés Ivañez, and Carlos Navarro. "Modelling of Woven CFRP Plates Subjected to Oblique High-Velocity Impact and Membrane Loads." *Composite Structures* 303, (2023): 116344. doi:10.1016/j.compstruct.2022.116344. https://www.sciencedirect.com/science/article/pii/S0263822322010765.

Castellanos, Rodrigo, Gianfranco Salih, Marco Raiola, Andrea Ianiro, and Stefano Discetti. "Heat Transfer Enhancement in Turbulent Boundary Layers with a Pulsed Slot Jet in Crossflow." *Applied Thermal Engineering* 219, (2023): 119595. doi:10.1016/j.applthermaleng.2022.119595. https://www.sciencedirect.com/science/article/pii/S1359431122015253.

Corredera, Alberto and Carlos Ruiz. "Prescriptive Selection of Machine Learning Hyperparameters with Applications in Power Markets: Retailer's Optimal Trading." *European Journal of Operational Research* 306, no. 1 (2023): 370-388. doi:10.1016/j.ejor.2022.11.011. https://www.sciencedirect.com/science/article/pii/S0377221722008700.

de Nicolás-Morillas, M., L. Llanes, and E. Gordo. "High-Temperature Wettability in Hard Materials: Comparison of Systems with Different Binder/Carbide Phases and Evaluation of C Addition." *International Journal of Refractory Metals and Hard Materials* 111, (2023): 106081. doi:10.1016/j.ijrmhm.2022.106081. https://www.sciencedirect.com/science/article/pii/S0263436822003055.

De Terán, Fernando and Froilán M. Dopico. "On Bundles of Matrix Pencils Under Strict Equivalence." *Linear Algebra and its Applications* 658, (2023): 1-31. doi:10.1016/j.laa.2022.10.029. https://www.sciencedirect.com/science/article/pii/S0024379522003949.

Di Pasquale, Giuseppe, Manuel Sanjurjo-Rivo, and Daniel Pérez Grande. "Optimization of Constellation Deployment using on-Board Propulsion and Earth Nodal Regression." *Advances in Space Research* 70, no. 11 (2022): 3281-3300. doi:10.1016/j.asr.2022.09.019. https://www.sciencedirect.com/science/article/pii/S0273117722008602.

Domínguez-Monferrer, C., J. Fernández-Pérez, R. De Santos, M. H. Miguélez, and J. L. Cantero. "Machine Learning Approach in Non-Intrusive Monitoring of Tool Wear Evolution in Massive CFRP Automatic Drilling Processes in the Aircraft Industry." *Journal of Manufacturing Systems* 65, (2022): 622-639. doi:10.1016/j.jmsy.2022.10.018. https://www.sciencedirect.com/science/article/pii/S0278612522001893.

Dwyer, Gerald P., Augusto Hasman, and Margarita Samartín. "Surety Bonds and Moral Hazard in Banking." *Journal of Financial Stability* 62, (2022): 101069. doi:10.1016/j.jfs.2022.101069. https://www.sciencedirect.com/science/article/pii/S1572308922000900.

Erosa, Andrés, Luisa Fuster, and Tomás R. Martinez. "Public Financing with Financial Frictions and Underground Economy." *Journal of Monetary Economics* (2022). doi:10.1016/j.jmoneco.2022.12.004. https://www.sciencedirect.com/science/article/pii/S0304393222001490.

Fabra, Natalia, Massimo Motta, and Martin Peitz. "Learning from Electricity Markets: How to Design a Resilience Strategy." *Energy Policy* 168, (2022): 113116. doi:10.1016/j.enpol.2022.113116. https://www.sciencedirect.com/science/article/pii/S030142152200341X.

Fernández-Tarrazo, E., R. Gómez-Miguel, and M. Sánchez-Sanz. "Minimum Ignition Energy of Hydrogen–ammonia Blends in Air." *Fuel* 337, (2023): 127128. doi:10.1016/j.fuel.2022.127128. https://www.sciencedirect.com/science/article/pii/S0016236122039527.

Garcia-Gonzalez, Daniel, Tigran Ter-Yesayants, Miguel Angel Moreno-Mateos, and Maria Luisa Lopez-Donaire. "Hard-Magnetic Phenomena Enable Autonomous Self-Healing Elastomers." *Composites Part B: Engineering* 248, (2023): 110357. doi:10.1016/j.compositesb.2022.110357. https://www.sciencedirect.com/science/article/pii/S1359836822007302.

Gomez, Arturo, Sonia Sanchez-Saez, and Enrique Barbero. "Experimental Analysis of the Impact Behaviour of Sandwich Panels with Sustainable Cores." *Composites Part A: Applied Science and Manufacturing* 166, (2023): 107383. doi:10.1016/j.compositesa.2022.107383. https://www.sciencedirect.com/science/article/pii/S1359835X22005644.

Gomez-Mejia, Luis R., Anabel Mendoza-Lopez, Cristina Cruz, Patricio Duran, and Herman Aguinis. "Socioemotional Wealth in Volatile, Uncertain, Complex, and Ambiguous Contexts: The Case of Family Firms in Latin America and the Caribbean." *Journal of Family Business Strategy* (2023): 100551. doi:10.1016/j.jfbs.2022.100551. https://www.sciencedirect.com/science/article/pii/S1877858522000754.

Gómez-Silva, F. and H. Askes. "Mass Matrices for Elastic Continua with Micro-Inertia." *Computers & Structures* 275, (2023): 106938. doi:10.1016/j.compstruc.2022.106938. https://www.sciencedirect.com/science/article/pii/S0045794922001985.

Gómez-Silva, F. and R. Zaera. "Low-Order Continualization of an Anisotropic Membrane Lattice with Next-Nearest Interactions. Enhanced Prediction of its Dynamic Behaviour." *European Journal of Mechanics - A/Solids* 97, (2023): 104801. doi:10.1016/j.euromechsol.2022.104801. https://www.sciencedirect.com/science/article/pii/S0997753822002315.

———. "Low-Order Non-Classical Continuum Models for the Improved Prediction of an Anisotropic Membrane Lattice's Dynamics." *Thin-Walled Structures* 179, (2022a): 109632. doi:10.1016/j.tws.2022.109632. https://www.sciencedirect.com/science/article/pii/S0263823122004086.

———. "New Low-Order Continuum Models for the Dynamics of a Timoshenko Beam Lattice with Next-Nearest Interactions." *Computers & Structures* 272, (2022b): 106864. doi:10.1016/j.compstruc.2022.106864. https://www.sciencedirect.com/science/article/pii/S0045794922001249.

———. "Novel Enriched Kinetic Energy Continuum Model for the Enhanced Prediction of a 1D Lattice with Next-Nearest Interactions." *Composite Structures* 281, (2022c): 115003. doi:10.1016/j.compstruct.2021.115003. https://www.sciencedirect.com/science/article/pii/S0263822321014264.

Gutiérrez-López, Aitor, Francisco-Javier González-Serrano, and Aníbal R. Figueiras-Vidal. "Optimum Bayesian Thresholds for Rebalanced Classification Problems using Class-Switching Ensembles." *Pattern Recognition* 135, (2023): 109158. doi:10.1016/j.patcog.2022.109158. https://www.sciencedirect.com/science/article/pii/S0031320322006379.

Jiao-Wang, Liu, Carlos Larriba, and Carlos Santiuste. "On the Experimental Validation of Ludwick Law to Predict Critical Buckling Load of Nonlinear Elastic Columns." *Composite Structures* 303, (2023): 116237. doi:10.1016/j.compstruct.2022.116237. https://www.sciencedirect.com/science/article/pii/S0263822322009692.

Jurado, Ignacio and Pablo Fernández-Vázquez. "Retrospective Voting Under Supranational Constraints." *Electoral Studies* 80, (2022): 102530. doi:10.1016/j.electstud.2022.102530. https://www.sciencedirect.com/science/article/pii/S0261379422000865.

Kukić, Leonard. "The Last Yugoslavs: Ethnic Diversity and National Identity." *Explorations in Economic History* 88, (2023): 101504. doi:10.1016/j.eeh.2022.101504. https://www.sciencedirect.com/science/article/pii/S0014498322000754.

Larrabeiti, David, Luis M. Contreras, Gabriel Otero, José Alberto Hernández, and Juan P. Fernandez-Palacios. "Toward End-to-End Latency Management of 5G Network Slicing and Fronthaul Traffic (Invited Paper)." *Optical Fiber Technology* 76, (2023): 103220. doi:10.1016/j.yofte.2022.103220. https://www.sciencedirect.com/science/article/pii/S1068520022004059.

Lázaro, Marcelino and Aníbal R. Figueiras-Vidal. "Neural Network for Ordinal Classification of Imbalanced Data by Minimizing a Bayesian Cost." *Pattern Recognition* 137, (2023): 109303. doi:10.1016/j.patcog.2023.109303. https://www.sciencedirect.com/science/article/pii/S0031320323000043.

Lucarini, S., M. A. Moreno-Mateos, K. Danas, and D. Garcia-Gonzalez. "Insights into the Viscohyperelastic Response of Soft Magnetorheological Elastomers: Competition of Macrostructural Versus Microstructural Players." *International Journal of Solids and Structures* 256, (2022): 111981. doi:10.1016/j.ijsolstr.2022.111981. https://www.sciencedirect.com/science/article/pii/S0020768322004346.

Martinez-Cisneros, Cynthia S., Bidhan Pandit, Belén Levenfeld, Alejandro Varez, and Jean-Yves Sanchez. "Flexible Solvent-Free Polymer Electrolytes for Solid-State Na Batteries." *Journal of Power Sources* 559, (2023): 232644. doi:10.1016/j.jpowsour.2023.232644. https://www.sciencedirect.com/science/article/pii/S0378775323000198.

Navarro-García, Manuel, Vanesa Guerrero, and María Durban. "On Constrained Smoothing and Out-of-Range Prediction using P-Splines: A Conic Optimization Approach." *Applied Mathematics and Computation* 441, (2023): 127679. doi:10.1016/j.amc.2022.127679. https://www.sciencedirect.com/science/article/pii/S0096300322007470.

Nieto-Fuentes, J. C., N. Jacques, M. Marvi-Mashhadi, K. E. N'souglo, and J. A. Rodríguez-Martínez. "Modeling Dynamic Formability of Porous Ductile Sheets Subjected to Biaxial Stretching: Actual Porosity Versus Homogenized Porosity." *International Journal of Plasticity* 158, (2022): 103418. doi:10.1016/j.ijplas.2022.103418. https://www.sciencedirect.com/science/article/pii/S0749641922001966.

Pandit, Bidhan, Sachin R. Rondiya, Shoyebmohamad F. Shaikh, Mohd Ubaidullah, Ricardo Amaral, Nelson Y. Dzade, Emad S. Goda, Abu ul Hassan Sarwar Rana, Harjot Singh Gill, and Tokeer Ahmad. "Regulated Electrochemical Performance of Manganese Oxide Cathode for Potassium-Ion Batteries: A Combined Experimental and First-Principles Density Functional Theory (DFT) Investigation." *Journal of Colloid and Interface Science* 633, (2023): 886-896. doi:10.1016/j.jcis.2022.11.070. https://www.sciencedirect.com/science/article/pii/S0021979722020288.

Peis, Ignacio, Pablo M. Olmos, and Antonio Artés-Rodríguez. "Unsupervised Learning of Global Factors in Deep Generative Models." *Pattern Recognition* 134, (2023): 109130. doi:10.1016/j.patcog.2022.109130. https://www.sciencedirect.com/science/article/pii/S0031320322006100.

Peña, Juan Ignacio. "The Hedging Effectiveness of Electricity Futures in the Spanish Market." *Finance Research Letters* (2022): 103507. doi:10.1016/j.frl.2022.103507. https://www.sciencedirect.com/science/article/pii/S1544612322006833.

Pérez-Álvarez, Rafael, Pedro Ángel González-Gómez, Domingo Santana, and Antonio Acosta-Iborra. "Preheating of Solar Power Tower Receiver Tubes for a High-Temperature Chloride Molten Salt." *Applied Thermal Engineering* 216, (2022): 119097. doi:10.1016/j.applthermaleng.2022.119097. https://www.sciencedirect.com/science/article/pii/S1359431122010286.

Peri, Giovanni, Daniel I. Rees, and Brock Smith. "Terrorism and Political Attitudes: Evidence from European Social Surveys." *Regional Science and Urban Economics* 99, (2023): 103864. doi:10.1016/j.regsciurbeco.2022.103864. https://www.sciencedirect.com/science/article/pii/S0166046222001028.

Prados de la Escosura, Leandro. "Health, Income, and the Preston Curve: A Long View." *Economics & Human Biology* 48, (2023): 101212. doi:10.1016/j.ehb.2022.101212. https://www.sciencedirect.com/science/article/pii/S1570677X22001083.

Prados de la Escosura, Leandro and C. Vladimir Rodríguez-Caballero. "War, Pandemics, and Modern Economic Growth in Europe." *Explorations in Economic History* 86, (2022): 101467. doi:10.1016/j.eeh.2022.101467. https://www.sciencedirect.com/science/article/pii/S0014498322000456.

Ramón-Álvarez, I., E. Batuecas, S. Sánchez-Delgado, and M. Torres-Carrasco. "Mechanical Performance After High-Temperature Exposure and Life Cycle Assessment (LCA) According to Unit of Stored Energy of Alternative Mortars to Portland Cement." *Construction and Building Materials* 365, (2023): 130082. doi:10.1016/j.conbuildmat.2022.130082. https://www.sciencedirect.com/science/article/pii/S0950061822037382.

Rodríguez-Sánchez, M. R., A. Pueyo-Balsells, A. Montoya, and J. A. Artero-Guerrero. "Solar Simulator Based on Induction Heating to Characterize Experimentally Tubular Solar Central Receivers." *Applied Thermal Engineering* 220, (2023): 119781.

doi:10.1016/j.applthermaleng.2022.119781.
https://www.sciencedirect.com/science/article/pii/S1359431122017112.

Romero-Medrano, Lorena and Antonio Artés-Rodríguez. "Multi-Source Change-Point Detection Over Local Observation Models." *Pattern Recognition* 134, (2023): 109116. doi:10.1016/j.patcog.2022.109116.
https://www.sciencedirect.com/science/article/pii/S0031320322005969.

Rubio-Rubio, Mariano, Fernando Veiga-López, Daniel Martínez-Ruiz, Eduardo Fernández-Tarrazo, and Mario Sánchez-Sanz. "Suppression of Thermoacoustic Instabilities by Flame-Structure Interaction." *Proceedings of the Combustion Institute* (2022). doi:10.1016/j.proci.2022.07.165.
https://www.sciencedirect.com/science/article/pii/S1540748922001985.

Serrano, Daniel, Alen Horvat, Esperanza Batuecas, and Pedro Abelha. "Waste Tyres Valorisation through Gasification in a Bubbling Fluidised Bed: An Exhaustive Gas Composition Analysis." *Renewable Energy* 200, (2022): 1438-1446. doi:10.1016/j.renene.2022.10.025.
https://www.sciencedirect.com/science/article/pii/S096014812201518X.

Serrano-Sillero, Jesús and M. Ángeles Moreno. "Small-Signal Stability Analysis of the Asymmetrical DC Operation in HVDC Networks." *Electric Power Systems Research* 214, (2023): 108942. doi:10.1016/j.epsr.2022.108942.
https://www.sciencedirect.com/science/article/pii/S0378779622009920.

Shagñay, S., I. Garcia-Lodeiro, F. Velasco, A. Bautista, and M. Torres-Carrasco. "Mineralogical and Microstructural Changes in Alkali-Activated and Hybrid Materials Exposed to Accelerated Leaching." *Journal of Building Engineering* 64, (2023): 105733. doi:10.1016/j.jobe.2022.105733.
https://www.sciencedirect.com/science/article/pii/S2352710222017399.

Soria-Verdugo, Antonio, Eduardo Cano-Pleite, Aidin Panahi, and Ahmed F. Ghoniem. "Partitioning of a Wide Bubbling Fluidized Bed with Vertical Internals to Improve Local Mixing and Bed Material Circulation." *Powder Technology* 408, (2022): 117771. doi:10.1016/j.powtec.2022.117771.
https://www.sciencedirect.com/science/article/pii/S0032591022006635.

Vishnu, A. R., J. C. Nieto-Fuentes, and J. A. Rodríguez-Martínez. "Shear Band Formation in Porous Thin-Walled Tubes Subjected to Dynamic Torsion." *International Journal of Solids and Structures* 252, (2022): 111837. doi:10.1016/j.ijsolstr.2022.111837.
https://www.sciencedirect.com/science/article/pii/S0020768322003134.

Wiley

Alemán-Gómez, Yasser, Ana Arribas-Gil, Manuel Desco, Antonio Elías, and Juan Romo. "Depthgram: Visualizing Outliers in High-Dimensional Functional Data with Application

to fMRI Data Exploration." *Statistics in Medicine* 41, no. 11 (2022): 2005-2024. doi:https://doi.org/10.1002/sim.9342. https://doi.org/10.1002/sim.9342.

Álvarez, Marcos, Juan Baselga, and Javier Pozuelo. "Tuning the Electromagnetic Shielding Mechanism with Nitrogen-Doped Graphene Aerogels." *ChemNanoMat* 9, no. 1 (2023): e202200451. doi:10.1002/cnma.202200451. https://doi.org/10.1002/cnma.202200451.

Awaysheh, Amrou, Rocio Bonet, and Jaime Ortega. "Performance Feedback and Productivity: Evidence from a Field Experiment." *Production and Operations Management* 32, no. 1 (2023): 98-115. doi:10.1111/poms.13827. https://doi.org/10.1111/poms.13827.

Bagadi, Kalapraveen, Chinthaginjala V. Ravikumar, Mohammad Alibakhshikenari, Nagaraj Challa, Anbazhagan Rajesh, Sonia Aïssa, Iyad Dayoub, Francisco Falcone, and Ernesto Limiti. "Precoded Large Scale Multi-User-MIMO System using Likelihood Ascent Search for Signal Detection." *Radio Science* 57, no. 12 (2022): e2022RS007573. doi:10.1029/2022RS007573. https://doi.org/10.1029/2022RS007573.

Bayuk, Julia, Hyunjung Crystal Lee, Jooyoung Park, Serkan Saka, Debabrata Talukdar, and Jayati Sinha. "Mindfully Aware and Open: Mitigating Subjective and Objective Financial Vulnerability Via Mindfulness Practices." *Journal of Consumer Affairs* 56, no. 3 (2022): 1284-1311. doi:10.1111/joca.12474. https://doi.org/10.1111/joca.12474.

Cerda-Cosme, Roxana and Eva Méndez. "Analysis of Shared Research Data in Spanish Scientific Papers about COVID-19: A First Approach." *Journal of the Association for Information Science and Technology* n/a, (2022). doi:10.1002/asi.24716. https://doi.org/10.1002/asi.24716.

Goes, Iasmin. "Examining the Effect of IMF Conditionality on Natural Resource Policy." *Economics & Politics* n/a, (2022). doi:https://doi.org/10.1111/ecpo.12214. https://doi.org/10.1111/ecpo.12214.

Gramaglia, Marco, Marton Kajo, Christian Mannweiler, Ömer Bulakci, and Qing Wei. "A Unified Service-Based Capability Exposure Framework for Closed-Loop Network Automation." *Transactions on Emerging Telecommunications Technologies* 33, no. 11 (2022): e4598. doi:10.1002/ett.4598. https://doi.org/10.1002/ett.4598.

Iñarrea, Jesús and Gloria Platero. "Terahertz-Induced Oscillations in Encapsulated Graphene." *Physica Status Solidi (B)* n/a, (2022): 2200266. doi:10.1002/pssb.202200266. https://doi.org/10.1002/pssb.202200266.

Khan, Taimur Ahmed, Muhammad Irfan Khattak, Muhammad Asif, Gulzar Ahmad, Muhammad Ibrar, Esraa Mousa Ali, Mohammad Alibakhshikenari, and Mariana Dalarsson. "Radiation Pattern Synthesis in Conformal Antenna Arrays using Modified Convex Optimization Technique." *International Journal of RF and Microwave Computer-Aided Engineering* 32, no. 11 (2022): e23393. doi:10.1002/mmce.23393. https://doi.org/10.1002/mmce.23393.

Lopez-Donaire, Maria, Gonzalo de Aranda-Izuzquiza, Sara Garzon-Hernandez, Javier Crespo-Miguel, Miguel Fernandez-de la Torre, Diego Velasco, and Daniel Garcia-Gonzalez. "Computationally Guided DIW Technology to Enable Robust Printing of Inks with Evolving Rheological Properties." *Advanced Materials Technologies* 8, no. 3 (2023): 2201707. doi:10.1002/admt.202201707. https://doi.org/10.1002/admt.202201707.

Nieto Delfin, Maria Rosa and Esther Ruiz Ortega. *Direct Versus Iterated Multi-Period Value at Risk*, edited by Universidad Carlos III de Madrid. Departamento de Estadística 2020. http://hdl.handle.net/10016/30349.

Papadopoulos, Konstantinos G., Emmanuel Petrakis, and Panagiotis Skartados. "The Ambiguous Competitive Effects of Passive Partial Forward Ownership." *Southern Economic Journal* 89, no. 2 (2022): 540-568. doi:10.1002/soej.12599. https://doi.org/10.1002/soej.12599.

Prados de la Escosura, Leandro. "Inequality Beyond Gdp: A Long View." *Review of Income and Wealth* n/a, (2022). doi:https://doi.org/10.1111/roiw.12593. https://doi.org/10.1111/roiw.12593.

Tena-Junguito, Antonio and Maria Restrepo-Estrada. "Power Politics and the Expansion of US Exports, 1879–1938." *The Economic History Review* n/a, (2023). doi:10.1111/ehr.13222. https://doi.org/10.1111/ehr.13222.

Travieso, Emiliano. "Soils, Scale, Or Elites? Biological Innovation in Uruguayan Cattle Farming, 1880–1913." *The Economic History Review* n/a, (2022). doi:10.1111/ehr.13196. https://doi.org/10.1111/ehr.13196.

Vivo-Vilches, Jose, Álvaro Vázquez-Navalmoral, Carmen de la Torre-Gamarra, Jesús Cebollada, Alejandro Várez, and Belén Levenfeld. "Layer Shape LiFePO4 obtained by Powder Extrusion Molding as Solid Boosters for Ferro/Ferricyanide Catholyte in Semisolid Redox Flow Battery: Effect of Porosity and Shape." *Batteries & Supercaps* n/a, (2022): e202200050. doi:https://doi.org/10.1002/batt.202200050. https://doi.org/10.1002/batt.202200050.

Springer

Abenojar, J., S. Lopez de Armentia, A. Q. Barbosa, M. A. Martinez, J. C. del Real, L. F. M. da Silva, and F. Velasco. "Magnetic Cork Particles as Reinforcement in an Epoxy Resin: Effect of Size and Amount on Thermal Properties." *Journal of Thermal Analysis and Calorimetry* (2022). doi:10.1007/s10973-022-11868-6. https://doi.org/10.1007/s10973-022-11868-6.

Acuaviva, Antonio and Daniel Seco. "Equidistribution of Zeros of some Polynomials Related to Cyclic Functions." *Analysis and Mathematical Physics* 12, no. 2 (Mar 18, 2022). doi:10.1007/s13324-022-00655-z. https://link.springer.com/article/10.1007/s13324-022-00655-z.

Albert-Smet, Javier, Aurora Torrente, and Juan Romo. "Band Depth Based Initialization of K-Means for Functional Data Clustering." *Advances in Data Analysis and Classification* (2022). doi:10.1007/s11634-022-00510-w. https://doi.org/10.1007/s11634-022-00510-w.

Alcántara, Antonio, Inés M. Galván, and Ricardo Aler. "Deep Neural Networks for the Quantile Estimation of Regional Renewable Energy Production." *Applied Intelligence* (2022). doi:10.1007/s10489-022-03958-7. https://doi.org/10.1007/s10489-022-03958-7.

Aviles, Pablo M.;Diego Lloria;Jose A. Belloch;Sandra Roger;Almudena Lindoso, and Maximo Cobos. *Performance Analysis of a Millimeter Wave MIMO Channel Estimation Method in an Embedded Multi-Core Processor* Springer Science and Business Media LLC, 2022. doi:10.1007/s11227-022-04479-3.

Belloch, Jose A.;José M. Badía;German León;Balázs Bank, and Vesa Välimäki. *Multicore Implementation of a Multichannel Parallel Graphic Equalizer* Springer Science and Business Media LLC, 2022. doi:10.1007/s11227-022-04495-3.

Calzada, Joan, Xavier Fageda, and Fernando Martínez-Santos. "Mergers and Bank Branches: Two Decades of Evidence from the USA." *Empirical Economics* (2022). doi:10.1007/s00181-022-02307-4. https://doi.org/10.1007/s00181-022-02307-4.

Cano, Alejandro, Alejandro Pastor, Sergio Fernández, Joaquín Míguez, Manuel Sanjurjo-Rivo, and Diego Escobar. "Improving Orbital Uncertainty Realism through Covariance Determination in GEO." *The Journal of the Astronautical Sciences* 69, no. 5 (2022): 1394-1420. doi:10.1007/s40295-022-00343-x. https://doi.org/10.1007/s40295-022-00343-x.

Carrizosa, Emilio, Vanesa Guerrero, and Dolores Romero Morales. "On Mathematical Optimization for Clustering Categories in Contingency Tables." *Advances in Data Analysis and Classification* (2022). doi:10.1007/s11634-022-00508-4. https://doi.org/10.1007/s11634-022-00508-4.

Carro, Jesús M. and Elizaveta Pronkina. "The Heterogeneous Effects of the Great Recession on Informal Care to the Elderly." *International Journal of Health Economics and Management* (Mar 07, 2022). doi:10.1007/s10754-022-09325-w. https://www.ncbi.nlm.nih.gov/pubmed/35257303.

Cascos, Ignacio, Giuseppe Pandolfo, and Beatriz Sinova. "The Zonoid Region Parameter Depth." *Statistical Papers* (2022). doi:10.1007/s00362-022-01380-2. https://doi.org/10.1007/s00362-022-01380-2.

D'Auria, Bernardo and Jose A. Salmeron. "Anticipative Information in a Brownian−Poisson Market." *Annals of Operations Research* (2022). doi:10.1007/s10479-022-05060-0. https://doi.org/10.1007/s10479-022-05060-0.

Díaz-González, Abel, Héctor Pijeira-Cabrera, and Javier Quintero-Roba. "Polynomials of Least Deviation from Zero in Sobolev P-Norm." *Bulletin of the Malaysian Mathematical Sciences Society* 45, no. 2 (Jan 13, 2022): 889-912. doi:10.1007/s40840-021-01233-5. https://link.springer.com/article/10.1007/s40840-021-01233-5.

Fernández-Rodicio, Enrique, Marcos Maroto-Gómez, Álvaro Castro-González, María Malfaz, and Miguel Á Salichs. "Emotion and Mood Blending in Embodied Artificial Agents: Expressing Affective States in the Mini Social Robot." *International Journal of Social Robotics* 14, no. 8 (2022): 1841-1864. doi:10.1007/s12369-022-00915-9. https://doi.org/10.1007/s12369-022-00915-9.

García-Salaberri, Pablo A. "Effect of Thickness and Outlet Area Fraction of Macroporous Gas Diffusion Layers on Oxygen Transport Resistance in Water Injection Simulations." *Transport in Porous Media* 145, no. 2 (2022): 413-440. doi:10.1007/s11242-022-01858-5. https://doi.org/10.1007/s11242-022-01858-5.

Génova, Gonzalo, Valentín Moreno, and Eugenio Parra. "A Free Mind Cannot be Digitally Transferred." *Ai & Society* (2022). doi:10.1007/s00146-022-01519-7. https://doi.org/10.1007/s00146-022-01519-7.

Goyanes, Manuel, Márton Demeter, Zicheng Cheng, and Homero Gil de Zúñiga. "Measuring Publication Diversity among the most Productive Scholars: How Research Trajectories Differ in Communication, Psychology, and Political Science." *Scientometrics* 127, no. 6 (May 21, 2022): 3661-3682. doi:10.1007/s11192-022-04386-7. https://link.springer.com/article/10.1007/s11192-022-04386-7.

Goyanes, Manuel, Márton Demeter, Aurea Grané, Tamás Tóth, and Homero Gil de Zúñiga. "Research Patterns in Communication (2009–2019): Testing Female Representation and Productivity Differences, within the most Cited Authors and the Field." *Scientometrics* 128, no. 1 (2023): 137-156. doi:10.1007/s11192-022-04575-4. https://doi.org/10.1007/s11192-022-04575-4.

Grané, Aurea, Irene Albarrán, and Diego Peran. "Looking for COVID Side Effects in the EU through the Analysis of Health and Behavioural Profiles." *Quality & Quantity* (2022). doi:10.1007/s11135-022-01606-3. https://doi.org/10.1007/s11135-022-01606-3.

Kramar, Ana, Irene Rodríguez Ortega, Gustavo González-Gaitano, and Javier González-Benito. "Solution Casting of Cellulose Acetate Films: Influence of Surface Substrate and Humidity on Wettability, Morphology and Optical Properties." *Cellulose* (2023). doi:10.1007/s10570-022-05026-2. https://doi.org/10.1007/s10570-022-05026-2.

Kumar, M. Anil, K. E. N'souglo, N. Hosseini, N. Jacques, and J. A. Rodríguez-Martínez. "Theoretical Predictions of Dynamic Necking Formability of Ductile Metallic Sheets with Evolving Plastic Anisotropy and Tension-Compression Asymmetry." *International Journal of Material Forming* 15, no. 4 (Jun 07, 2022). doi:10.1007/s12289-022-01696-2. https://link.springer.com/article/10.1007/s12289-022-01696-2.

Lamp, Stefan. "Sunspots that Matter: The Effect of Weather on Solar Technology Adoption." *Environmental and Resource Economics* (2023). doi:10.1007/s10640-022-00753-3. https://doi.org/10.1007/s10640-022-00753-3.

Maroto-Gómez, Marcos, Álvaro Castro-González, José Carlos Castillo, María Malfaz, and Miguel Ángel Salichs. "An Adaptive Decision-Making System Supported on User Preference Predictions for Human-Robot Interactive Communication." *User Modeling and User-Adapted Interaction* (Apr 09, 2022): 1-45. doi:10.1007/s11257-022-09321-2. https://www.ncbi.nlm.nih.gov/pubmed/35431456.

Ortega-Alvarez, Galo;Carlos Matheus-Chacin;Angel Garcia-Crespo, and Adrian Ruiz-Arroyo. *Evaluation of User Response by using Visual Cues Designed to Direct the Viewer's Attention to the Main Scene in an Immersive Environment* Springer Science and Business Media LLC, 2022. doi:10.1007/s11042-022-13271-7.

Pastor, Alejandro;Guillermo Escribano;Manuel Sanjurjo-Rivo, and Diego Diego Escobar. *Satellite Maneuver Detection and Estimation with Optical Survey Observations* Springer Science and Business Media LLC, 123456789. doi:10.1007/s40295-022-00311-5.

Patricio, Miguel A., Jesús González, Antonio Berlanga, and josé M. Molina. "CONEqNet: Convolutional Music Equalizer Network." *Multimedia Tools and Applications* (. doi:10.1007/s11042-022-12523-w.

Pérez González, Carmen and Carmen Pérez González. *The Effective Application of International Human Rights Law Standards to the Sporting Domain: Should UN Monitoring Bodies Take Central Stage?*. Vol. 1 Springer Science and Business Media LLC, 123456789. doi:10.1007/s40318-021-00209-8.

Pérez-Santalla, Román, Miguel Carrión, and Carlos Ruiz. "Optimal Pricing for Electricity Retailers Based on Data-Driven Consumers' Price-Response." *Top* (Oct 04, 2021). doi:10.1007/s11750-022-00622-8. https://arxiv.org/abs/2110.02735.

Pijeira-Cabrera, H., Laura Decalo-Salgado, and Ignacio Pérez-Yzquierdo. "Hessenberg–Sobolev Matrices and Favard Type Theorem." *Bulletin of the Malaysian Mathematical Sciences Society* 46, no. 1 (2022): 40. doi:10.1007/s40840-022-01445-3. https://doi.org/10.1007/s40840-022-01445-3.

Ruiz-Arroyo, Adrian, Angel Garcia-Crespo, Francisco Fuenmayor-Gonzalez, and Roxana Rodriguez-Goncalves. "Comparative Analysis between a Respeaking Captioning System and a Captioning System without Human Intervention." *Universal Access in the Information Society* (2022). doi:10.1007/s10209-022-00926-3. https://doi.org/10.1007/s10209-022-00926-3.

Sánchez-Fernández, Luis;Norberto Fernández-García;Jesús A. Fisteus, and Markus Brill. *The Maximin Support Method: An Extension of the D'Hondt Method to Approval-Based Multiwinner Elections*. Vol. 39 Springer Science and Business Media LLC, 2022. doi:10.1007/s10107-022-01805-8.

Vázquez, Manuel A.;Jorge Pereira-Delgado;Jesús Cid-Sueiro, and Jerónimo Arenas-García. *Validation of Scientific Topic Models using Graph Analysis and Corpus Metadata* Springer Science and Business Media LLC, 123456789. doi:10.1007/s11192-022-04318-5.

Zarraonandia, Telmo, Paloma Díaz, Ignacio Aedo, and Andrea Bellucci. "Engaging Educators in the Ideation of Scenarios for Cross-Reality Game-Based Learning Experiences." *Multimedia Tools and Applications* (2022). doi:10.1007/s11042-022-13632-2. https://doi.org/10.1007/s11042-022-13632-2.