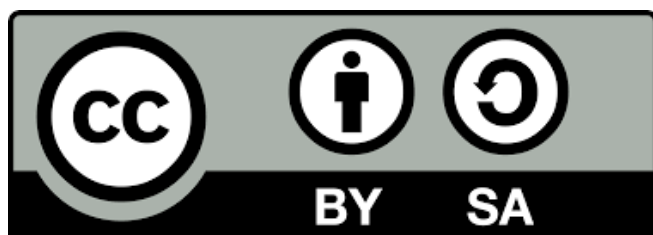


DE EXTREMADURA



UNIVERSIDAD

# ACUERDOS TRANSFORMATIVOS CRUE-CSIC Y APLICACIÓN EN LA UEX





2021

## ACUERDOS TRANSFORMATIVOS CRUE-CSIC Y APLICACIÓN EN LA UEX

---

Durante el año 2021 Crue Universidades Españolas, y el CSIC, han suscrito acuerdos con las editoriales **American Chemistry Society, Elsevier, Springer Nature y Wiley** que permiten publicar en acceso abierto, sin coste para el autor.

Durante 2021, 71 artículos publicados por el investigadores de la Universidad de Extremadura se han acogido a estos acuerdos, lo que ha supuesto un importe de **147.578€** que no han tenido que detracer los investigadores de sus presupuestos de proyectos.

El número de esos trabajos que está en revistas de los primeros cuartiles es más que significativo, tal como se muestra en los gráficos incluidos más adelante.

Aportamos a continuación un análisis de los datos más relevantes.

CUARTIL JCR	CUARTIL SJR	artículo	Autor de correspondencia	Revista
Q1	Q1	<a href="#">Sustained low-density lipoprotein-cholesterol 70 mg/dl is associated with improved cardiovascular outcomes in the clinical setting</a>	Sergio Rico	European Journal of Clinical Investigation
Q1	Q1	<a href="#">Analysis of prospective early childhood education teachers' proposals of nature field trips: An educational experience to bring nature close during this stage</a>	Elena Bravo Lucas	Science Education
Q1	Q1	<a href="#">The couple's tree of life: Promoting and protecting relational identity</a>	Carlos Chimpen-Lopez	Family Process
Q1	Q1	<a href="#">Aryl Hydrocarbon Receptor Controls Skin Homeostasis, Regeneration And Hair Follicle Cycling By Adjusting Epidermal Stem Cell Function</a>	Pedro Fernández-Salguero	STEM CELLS
Q1	Q1	<a href="#">p53 regulation by MDM2 contributes to self-renewal and differentiation of basal stem cells in mouse and human airway epithelium</a>	Jose Maria Carvajal-Gonzalez	The FASEB Journal
Q1	Q1	<a href="#">The value of coastal saltpans for migratory shorebirds: conservation insights from a stable isotope approach based on feeding guild and body size</a>	JOSE A. MASERO	Animal Conservation
Q1	Q1	<a href="#">Electrochemical and sonochemical advanced oxidation processes applied to tartrazine removal. Influence of operational conditions and aqueous matrix</a>	Prof. Eduardo M. Cuerda-Correa	Environmental Research
Q1	Q1	<a href="#">Replication-based regularization approaches to diagnose Reinke's edema by using voice recordings</a>	Mr. Pérez Carlos J.	Artificial Intelligence in Medicine
Q1	Q1	<a href="#">Sentiment-oriented query-focused text summarization addressed with a multi-objective optimization approach</a>	Mr. Jesus M. Sanchez-Gomez	Applied Soft Computing
Q1	Q1	<a href="#">Critical overview of the use of plant antioxidants in the meat industry: Opportunities, innovative applications and future perspectives</a>	Mr Mario Estevez	Meat Science
Q1	Q1	<a href="#">Markov chains estimation of the optimal periodicity for cleaning photovoltaic panels installed in the dehesa</a>	Dr Justo García Sanz-Calcedo	Renewable Energy
Q1	Q1	<a href="#">Modification of physico-chemical surface properties and growth of Staphylococcus aureus under hyperglycemia and ketoacidosis conditions</a>	Dr. Miguel Ángel Pacha-Olivenza	Colloids and Surfaces B: Biointerfaces
Q1	Q1	<a href="#">What do urban and rural hotel managers say about the future of hotels after COVID-19? The new meaning of safety experiences</a>	Dr Rafael Robina-Ramírez	Cities
Q1	Q1	<a href="#">Consumers' growing appetite for natural foods: Perceptions towards the use of natural preservatives in fresh fruit</a>	Dr. F.J. Mesías	Food Research International
Q1	Q1	<a href="#">New findings of edible oil characterization by ultrasonic parameters</a>	Dr. A. González-Mohino	Food Chemistry

Q1	Q1	<a href="#">Exploiting multi-level parallel metaheuristics and heterogeneous computing to boost phylogenetics</a>	Dr. Sergio Santander-Jiménez	Future Generation Computer Systems
Q1	Q1	<a href="#">High oleic safflower oil as a feedstock for stable biodiesel and biolubricant production</a>	Prof. José María Encinar	Industrial Crops and Products
Q1	Q1	<a href="#">The catastrophic floods in the Guadiana River basin since 1500 CE</a>	Prof. José Manuel Vaquero	Science of the Total Environment
Q1	Q1	<a href="#">Comparison of the Psychometric Properties of the EQ-5D-3L-Y and EQ-5D-5L-Y Instruments in Spanish Children and Adolescents</a>	Dr. Miguel Ángel Pérez Sousa	Value in Health
Q1	Q1	<a href="#">Effect of tert-butylhydroquinone on biodiesel properties during extreme oxidation conditions</a>	Dr. S. Nogales-Delgado	Fuel
Q1	Q1	<a href="#">Improvements in the methodology for fatty acids analysis in meat products: One-stage transmethylation and fast-GC method</a>	Dr. Trinidad Perez-Palacios	Food Chemistry
Q1	Q1	<a href="#">Towards selective and automatic harvesting of broccoli for agri-food industry</a>	Dr Antonio Garcia-Manso	Computers and Electronics in Agriculture
Q1	Q1	<a href="#">A metaheuristic multi-objective optimization method for dynamical network biomarker identification as pre-disease stage signal</a>	Prof. Miguel A. Vega-Rodríguez	Applied Soft Computing
Q1	Q1	<a href="#">BDD electrochemical oxidation of neonicotinoid pesticides in natural surface waters. Operational, kinetic and energetic aspects</a>	Dr. Joaquin R. Domínguez	Journal of Environmental Management
Q1	Q1	<a href="#">Is adherence to 24-hour movement guidelines associated with a higher academic performance among adolescents' boys and girls?</a>	Dr Miguel Angel Tapia Serrano	Journal of Science and Medicine in Sport
Q1	Q1	<a href="#">Dynamics of Deforestation Worldwide: A Structural Decomposition Analysis of Agricultural Land Use in South America</a>	Dr. Alberto Franco Solís	Land Use Policy
Q1	Q1	<a href="#">Low-frequency ultrasound as a tool for quality control of soft-bodied raw ewe's milk cheeses</a>	Mr., Santiago Ruiz-Moyano	Food Control
Q1	Q1	<a href="#">On the three space property for <math>C(K)</math>-spaces</a>	Mr. Alberto Salguero Alarcon	Journal of Functional Analysis
Q1	Q1	<a href="#">Relationship between temperature and road traffic noise under actual conditions of continuous vehicle flow</a>	Dr. David Montes González	Transportation Research Part D: Transport and Environment
Q1	Q1	<a href="#">Photocatalytic ozonation in water treatment: Is there really a synergy between systems?</a>	Dr. Eva M. Rodriguez	Water Research
Q1	Q1	<a href="#">Orai1<math>\alpha</math>, but not Orai1<math>\beta</math>, co-localizes with TRPC1 and is required for its plasma membrane location and activation in HeLa cells</a>	Juan A. Rosado	Cellular and Molecular Life Sciences

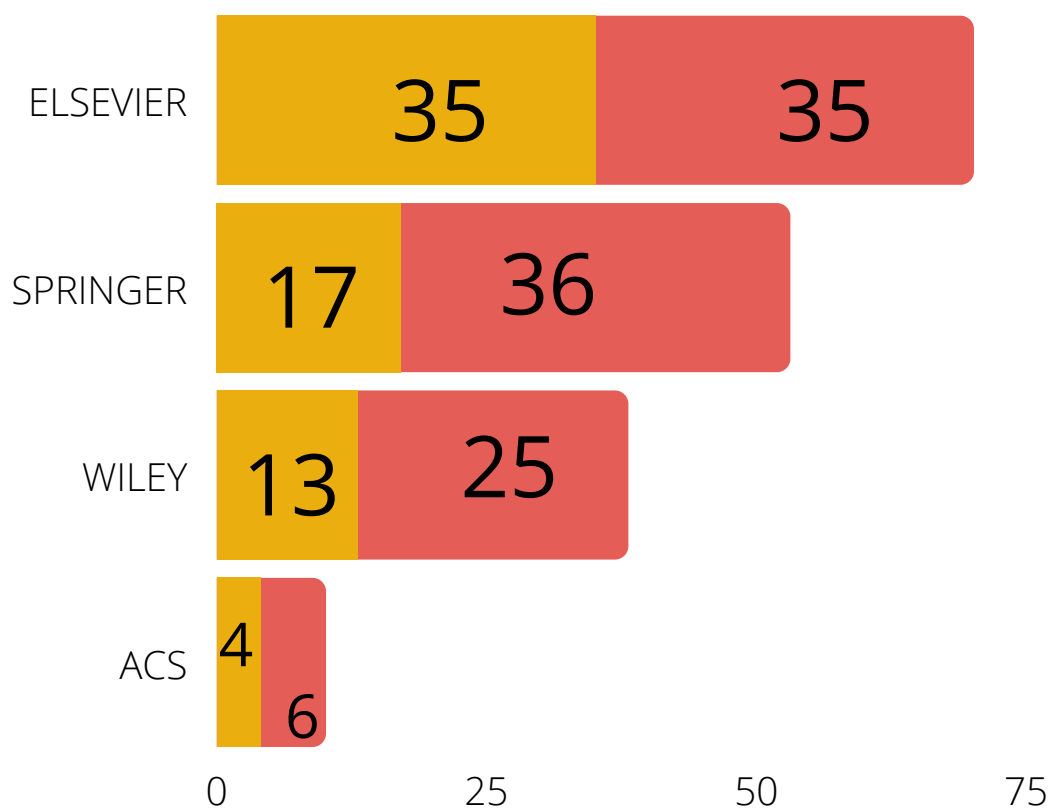
Q1	Q1	<a href="#">In stallion spermatozoa, Superoxide dismutase (Cu-Zn) (SOD1) and the aldo-keto-reductase family 1 member b (AKR1B1) are the proteins most significantly reduced by cryopreservation.</a>	PEÑA, FERNANDO	<i>J. Proteome Res.</i>
Q1	Q1	<a href="#">Organic Sonochemistry: A Chemist's Timely Perspective on Mechanisms and Reactivity</a>	R. Fernando Martínez* Pedro Cintas*	<a href="#">J. Org. Chem.</a>
Q1	Q2	<a href="#">Revisiting the Temporal Leontief Inverse: New Insights on the Analysis of Regional Technological Change</a>	Dr. Alberto Franco-SolÀs	Structural Change and Economic Dynamics
Q1	Q2	<a href="#">Influence of ligand lipophilicity in Pt(II) complexes on their antiproliferative and apoptotic activities in tumour cell lines</a>	Professor Javier Espino	Journal of Inorganic Biochemistry
Q1	Q2	<a href="#">Neuroprotective properties of queen bee acid by autophagy induction</a>	Mireia Niso-Santano	Cell Biology and Toxicology
Q1	Q2	<a href="#">Externalizing and internalizing symptoms and coping strategies in young victims of abuse</a>	Juan Manuel Moreno-Manso	Current Psychology
Q2	Q1	<a href="#">Journals in Beall's list perform as a group less well than other open access journals indexed in Scopus but reveal large differences among publishers</a>	VICENTE P. GUERRERO BOTE	Learned Publishing
Q2	Q1	<a href="#">Intercultural and linguistic competences for engineering ESP classes: A didactic framework proposal through problem-based learning</a>	Laura Victoria Fielden	International Journal of Applied Linguistics
Q2	Q1	<a href="#">Assessing Panamanian hospitals' performance with alternative frontier methods</a>	JOSE CORDERO	International Transactions In Operational Research
Q2	Q1	<a href="#">Distribution of planar cell polarity proteins in the developing avian retina</a>	Dr. Javier Francisco-Morcillo	Experimental Eye Research
Q2	Q1	<a href="#">Transonic flow focusing: stability analysis and jet diameter</a>	Professor Jose Maria Montanero	International Journal of Multiphase Flow
Q2	Q1	<a href="#">Cardoon biolubricant through double transesterification: Assessment of its oxidative, thermal and storage stability</a>	Dr. José María Encinar Martín	Materials Letters
Q2	Q1	<a href="#">Proteins involved in mitochondrial metabolic functions and fertilization predominate in stallions with better motility</a>	Professor Fernando J. Peña	Journal of Proteomics
Q2	Q1	<a href="#">Tractable circula densities from Fourier series</a>	Arthur Pewsey	TEST
Q2	Q1	<a href="#">Evaluation of Hydrophilic and Lipophilic Antioxidant Capacity in Spanish Tomato Paste: Usefulness of Front-Face Total Fluorescence Signal Combined with Parafac</a>	Teresa Galeano-Díaz	Food Analytical Methods
Q2	Q1	<a href="#">Non-destructive Fluorescence Spectroscopy as a Tool for Discriminating Between Olive Oils According to Agronomic Practices and for Assessing Quality Parameters</a>	ELISABET MARTIN TORNERO	Food Analytical Methods

Q2	Q1	<a href="#">Interactive effects of biotic stressors and provenance on chemical defence induction by holm oak (Quercus ilex)</a>	Manuela Rodríguez-Romero	Trees
Q2	Q1	<a href="#">Prefabricated 3D-printed Tissue-engineered Bone for Mandibular Reconstruction: A Preclinical Translational Study in Primate</a>	Pedro Miranda	ACS Biomater Sci Eng
Q2	Q1	<a href="#">A pressure-surface tension-temperature equation of state for n-alkanes</a>	Mulero, Ángel	Ind. Eng. Chem. Res
Q2	Q2	<a href="#">Cobalt(II) complexes derived from a 2-aminobenzimidazole-thiazoline ligand: Synthesis, characterization, crystal structures and antimicrobial activity studies</a>	Mr. E. Viñuelas-Zahínos	Polyhedron
Q2	Q2	<a href="#">An integrated overview on the regulation of sperm metabolism (glycolysis-Krebs cycle-oxidative phosphorylation)</a>	Professor Fernando J Peña Vega	Animal Reproduction Science
Q2	Q2	<a href="#">Effect of intermittent hypoxic conditioning on inflammatory biomarkers in older adults</a>	Prof. Rafael Timon	Experimental Gerontology
Q2	Q2	<a href="#">Impact of noise on the performance of automatic systems for vocal fold lesions detection</a>	Mr. Mario Madruga	Biocybernetics and Biomedical Engineering
Q2	Q2	<a href="#">Parallel multi-objective optimization approaches for protein encoding</a>	Miguel A. Vega-Rodríguez	The Journal of Supercomputing
Q2	Q2	<a href="#">Analyses of Early Sunspot Records by Jean Tarde (1615–1617) and Jan Smogulecki (1621–1625)</a>	V. M. S. Carrasco	Solar Physics
Q2	Q2	<a href="#">Tourism governance during the COVID-19 pandemic crisis: A proposal for a sustainable model to restore the tourism industry</a>	Rafael Robina-Ramírez	Environment, Development and Sustainability
Q3	Q1	<a href="#">Protein carbonylation in food and nutrition: a concise update</a>	Mario Estévez	Amino Acids
Q3	Q1	<a href="#">An in vitro assay of the effect of lysine oxidation end-product, <math>\alpha</math>-amino adipic acid, on the redox status and gene expression in probiotic Lactobacillus reuteri PL503</a>	Mario Estévez	Amino Acids
Q3	Q1	<a href="#">Analytical model for managing hypotony after implantation surgery of a glaucoma drainage device</a>	José María Montanero	Biomechanics and Modeling in Mechanobiology
Q3	Q2	<a href="#">Long-term progression of inbreeding depression in a Mediterranean ornithophilous shrub</a>	FRANCISCO JAVIER VALTUEÑA	Plant Species Biology
Q3	Q2	<a href="#">Isometries of ultrametric normed spaces</a>	Javier Cabello Sánchez	Annals of Functional Analysis
Q3	Q2	<a href="#">How does fiscal austerity impact on poverty and inequality? The Spanish case</a>	J. Pérez-Mayo	Economía Política
Q4	Q2	<a href="#">Narrative Therapy for Anorexia Nervosa: Using Documents of Resistance</a>	RUBÉN ARRIAZU MUÑOZ	Australian and New Zealand Journal of Family Therapy
Q4	Q4	<a href="#">A neglected legacy: Massenpsychologie und ich-analyse in the era of nations and nationalism</a>	Juan García-García	Psychotherapy and Politics International
na	Q1	<a href="#">Analysis of the predictive variables of socially responsible consumption</a>	María Manuela Palacios-González	Business Strategy and Development

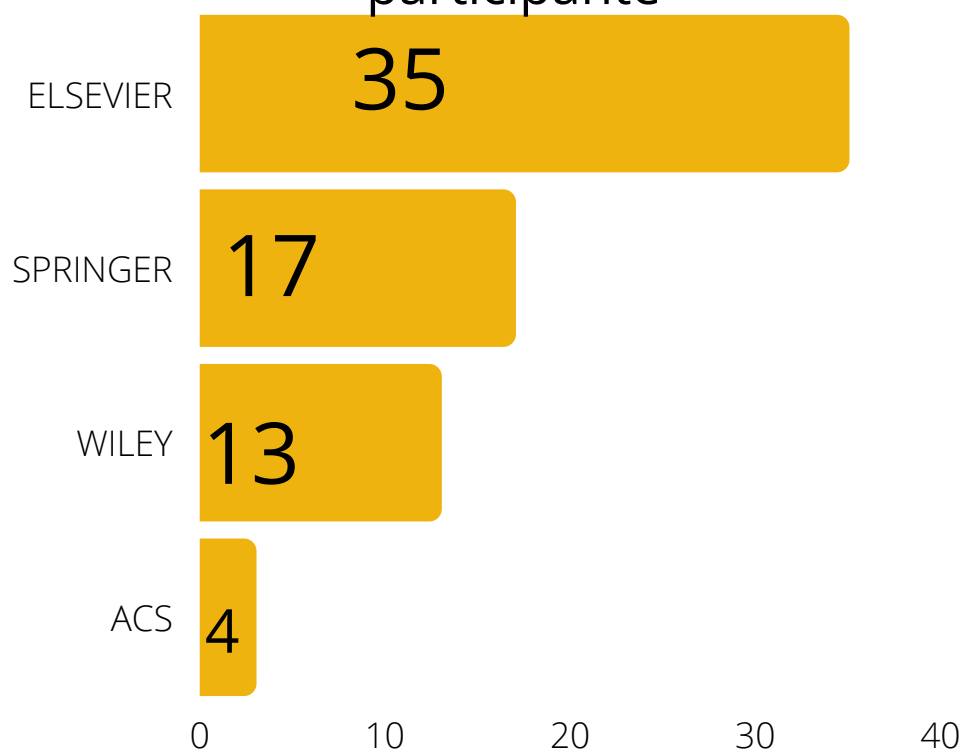
na	Q1	<a href="#">Pancreatic metastases from renal cell carcinoma. Postoperative outcome after surgical treatment in a Spanish multicenter study (PANMEKID)</a>	Dr Gerardo Blanco-Fernández	European Journal of Surgical Oncology
na	Q1	<a href="#">A descriptive literature review of phubbing behaviors</a>	Mrs. Estefanía Capilla Garrido	Heliyon
na	Q2	<a href="#">Cause-related marketing: a systematic review of the literature</a>	M. Mercedes Galan-Ladero	International Review on Public and Nonprofit Marketing
na	Q3	<a href="#">Calidad de vida relacionada con la salud en pacientes con diabetes mellitus en una zona básica de salud</a>	Dra. Noelia Durán Gómez	Enfermería Clínica
na	Q3	<a href="#">Maturational effect on physical capacities and anabolic hormones in under-16 elite footballers: a cross-sectional study</a>	Jorge Pérez-Gómez	Sport Sciences for Health

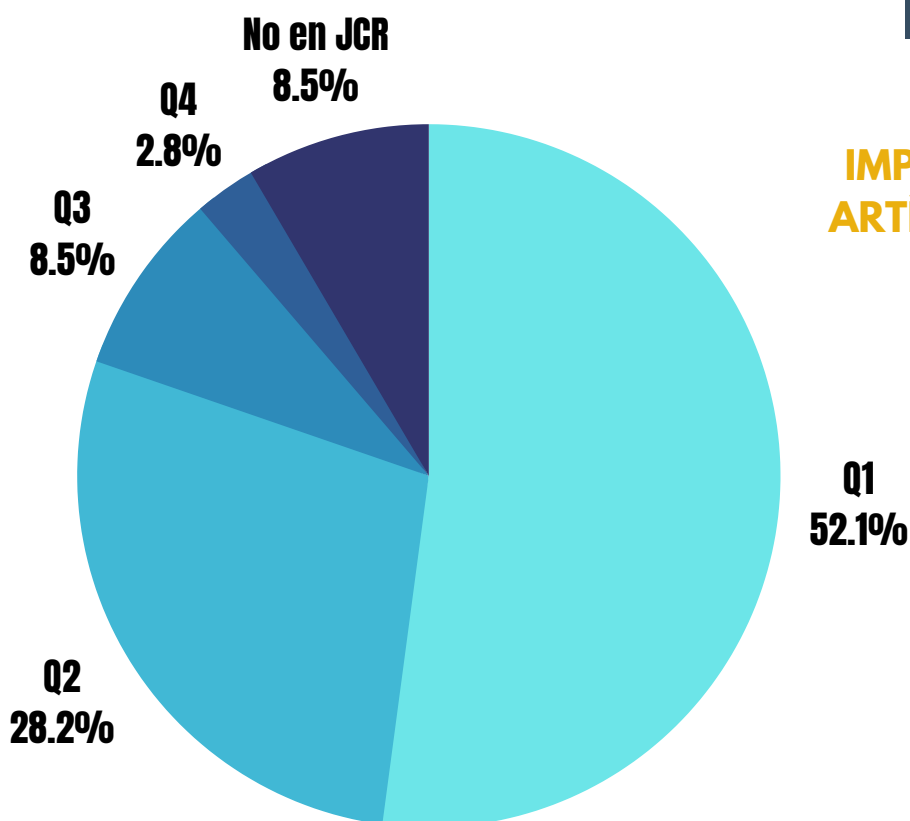


## Artículos bonificados sobre el total de bonos disponibles



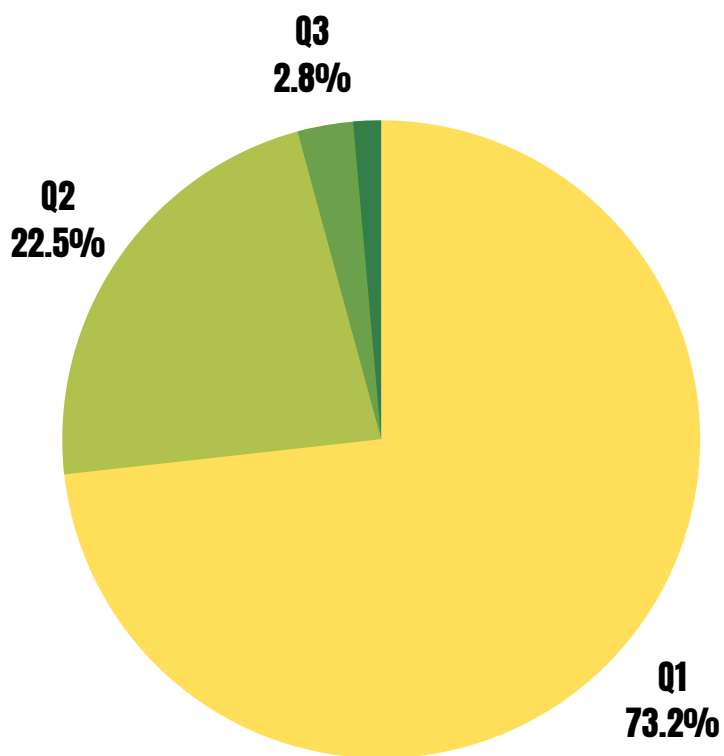
## Artículos publicados en cada editorial participante



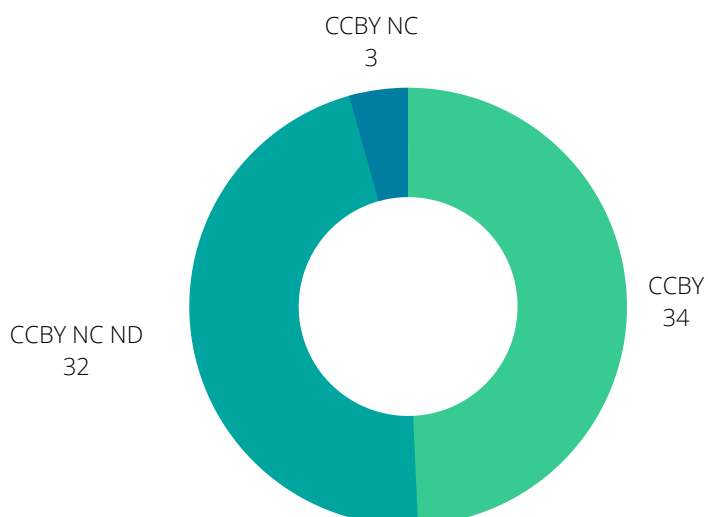


IMPACTO EN JCR DE LOS ARTÍCULOS DEL ACUERDO

IMPACTO EN SJR DE LOS ARTÍCULOS DEL ACUERDO

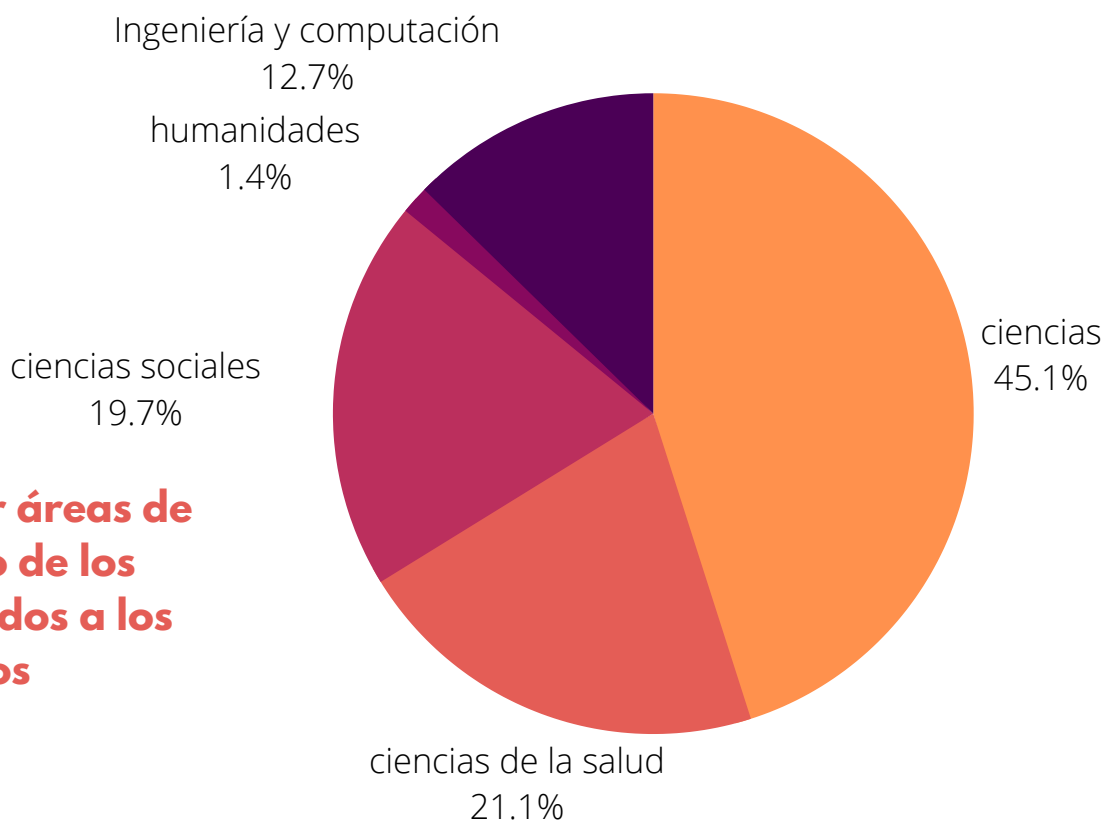


Licencias asignadas a los artículos del acuerdo



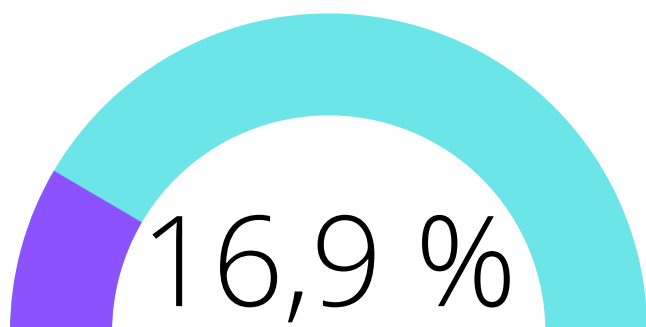
DATOS RELEVANTES

**Distribución por áreas de conocimiento de los artículos acogidos a los acuerdos**



12

Artículos del acuerdo con autoras de correspondencia mujeres (no se han contabilizado el resto de firmantes de los trabajos).  
Indicador ODS



# AMPLIAR INFORMACIÓN SOBRE LOS ACUERDOS TRANSFORMATIVOS

Es posible consultar la Guía que la biblioteca ha elaborado para informar sobre los acuerdos vigentes y su aplicación en 2022:

Inicio ACUERDOS NACIONALES ACUERDO UEX CAMBRIDGE UNIV. PRESS MDPI OTROS ACUERDOS Via verde: Repositorio Institucional Dehesa

**ATENCIÓN: POSIBILIDAD DE USAR APC'S DE WILEY 2021 HASTA EL 30 DE ABRIL**

Existe un fondo para financiar artículos en revistas full Gold de Wiley, que ha sido generado con el remanente del acuerdo del 2021. En las publicaciones Gold, a diferencia de las Híbridas, el artículo se financia al **envío** no a la aceptación. Así, los autores tendrían que realizar los envíos de los artículos a revistas full open access de Wiley **antes del 30 de abril de 2022** para entrar dentro de la financiación del APC a través de este fondo.

- Guía para conseguir el código que tienen que introducir en el envío del artículo: <https://authorservices.wiley.com/asset/Publishing-Your-Article-in-a-Fully-Open-Access-Journal.pdf>
- Página específica del código: <https://authorservices.wiley.com/author-resources/Journal-Authors/licensing-open-access/open-access/open-access-account-codes.html>
- Revistas Gold de Wiley: <https://authorservices.wiley.com/asset/Wiley-Journal-APCs-Open-Access.xlsx>

<https://biblioguias.unex.es/acuerdos-transformativos>

¿QUÉ SON LOS ACUERDOS TRANSFORMATIVOS?



Los **Acuerdos Transformativos** forman parte de los cambios que la Ciencia Abierta implica para el desarrollo de la investigación científica. En los últimos años el marco legal ha ido avanzando para que los resultados de las investigaciones se publiquen en acceso abierto (OA) y se han ofrecido recomendaciones para incluir el OA en las negociaciones con los editores.

De un modelo de suscripción se pasa a otro en el que las editoriales reciben un precio justo por sus servicios de edición en acceso abierto. Ya no se paga por leer artículos que se publican con restricciones de acceso sino por los servicios que dedican a publicar esos artículos en acceso abierto. Es lo que se conoce como **Read & Publish** (Leer & Publicar).

De esta forma, las **universidades** o sus bibliotecas pagan para que una institución tenga acceso a las revistas de una editorial y que el coste de suscripción también cubra **parte** de los gastos de procesamiento de los artículos (APC) que los autores de la institución pagarían normalmente por publicar su trabajo en acceso abierto.

Contacto con la biblioteca para ampliar información o enviar comentarios y sugerencias:

[bibliotecas@unex.es](mailto:bibliotecas@unex.es)