



Aplicación de los AT en la URJC

INFORME 2022

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PRESENTACIÓN

Durante el año 2022, se ha continuado con la gestión de los diferentes Acuerdos Transformativos (AT) negociados en el ámbito nacional de la CRUE-CSIC.

Desde comienzos de 2021, se han puesto en marcha Acuerdos Transformativos (AT) con [cuatro grandes editoriales](#) - ACS, Elsevier, Springer, Wiley para la suscripción de las licencias de acceso a sus plataformas de revistas, cuya anterior vigencia finalizaba a finales de 2020. Estos acuerdos, que permiten al personal investigador de la URJC publicar en acceso abierto, sin coste alguno, estarán vigentes hasta el año 2024, permitiendo mayor visibilidad e impacto de las investigaciones desarrolladas por parte del PDI de la URJC y de sus resultados.

La Biblioteca Universitaria mantiene, como en años anteriores, otros acuerdos beneficiosos para los investigadores de la universidad, con [MDPI y SCOAP3](#).

Durante 2022, 136 artículos publicados por el PDI de la URJC han podido acogerse a estos acuerdos, implicando un ahorro directo para este personal, departamentos, grupos de investigación de casi 300.000,00€, de acuerdo con los datos facilitados por los editores y los cálculos realizados a partir de ellos.

INFORME 2022

2

La Biblioteca Universitaria presenta este informe con el que se pretende poner en valor los resultados y aspectos más relevantes de la aplicación de estos acuerdos transformativos en la URJC durante el año 2022.

Para la aplicación de los distintos AT en la universidad se han seguido dos tipos de criterios:

- ✓ Los impuestos por cada uno de los editores.
- ✓ Los aprobados por el Consejo de Dirección de la [universidad](#). A comienzos del año 2022 y más tarde de nuevo, se modificaron los criterios de la universidad, flexibilizando algunos, de manera que se vieran beneficiados un mayor número de PDI de la URJC y se dieran las condiciones para gestionar el mayor % de los AT concedidos en la negociación a nivel nacional.

De acuerdo con los criterios aprobados por parte del Consejo de Dirección de la URJC, se han acogido a los Acuerdos Transformativos (AT) 136 artículos publicados en 115 revistas que ocupan posiciones Q1 y Q2 en sus respectivas categorías en Journal Citation Reports (JCR) y SCIMAGO Journal Rank, en un % superior al 60%.

De los autores que se han acogido a los AT, algo más de un 41% son mujeres.

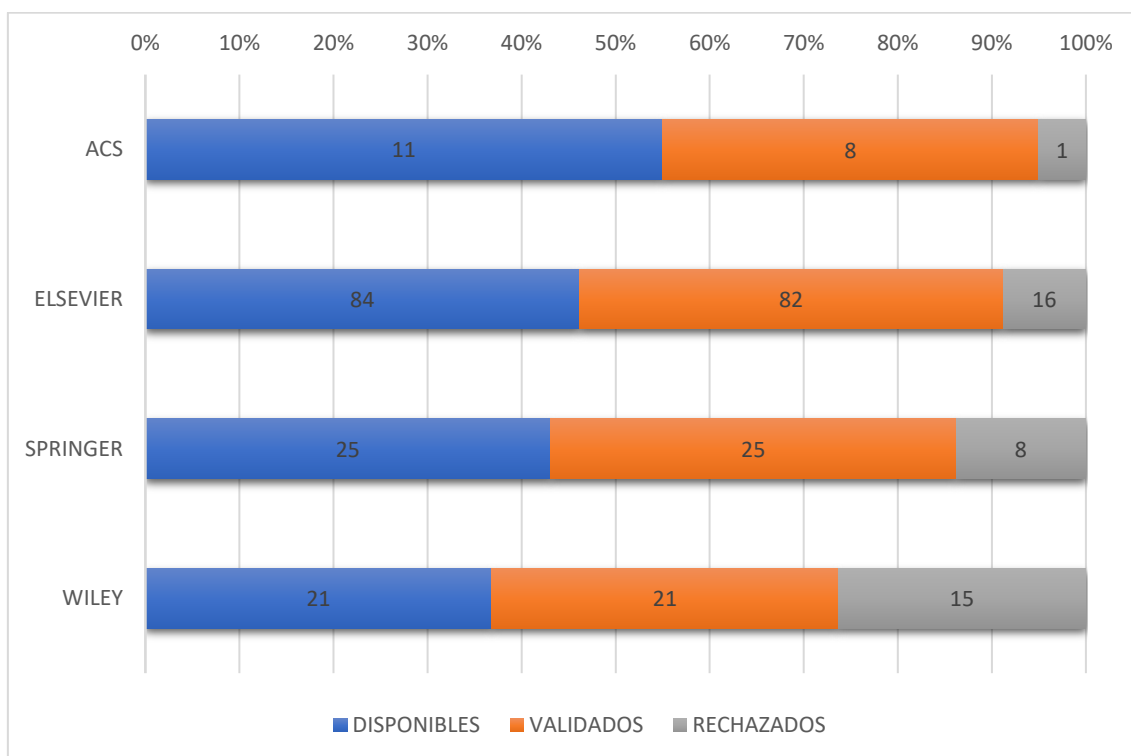
De los artículos publicados, casi un 43% lo han sido bajo la firma de correspondencia (*corresponding author*) de una mujer.

APLICACIÓN DE LOS ACUERDOS TRANSFORMATIVOS (AT) EN LA URJC

Se presentan los datos resultantes de la aplicación de los Acuerdos Transformativos (AT) con las 4 editoriales con las que se ha negociado a nivel nacional durante el año 2022.

ANÁLISIS

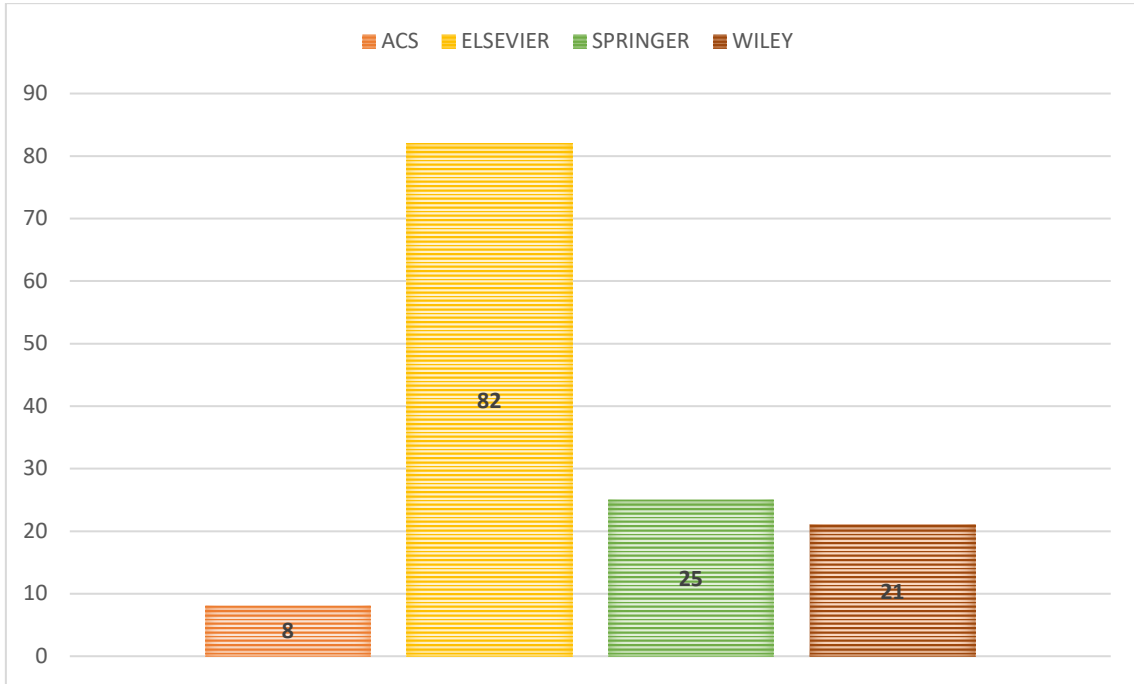
- Artículos validados



3

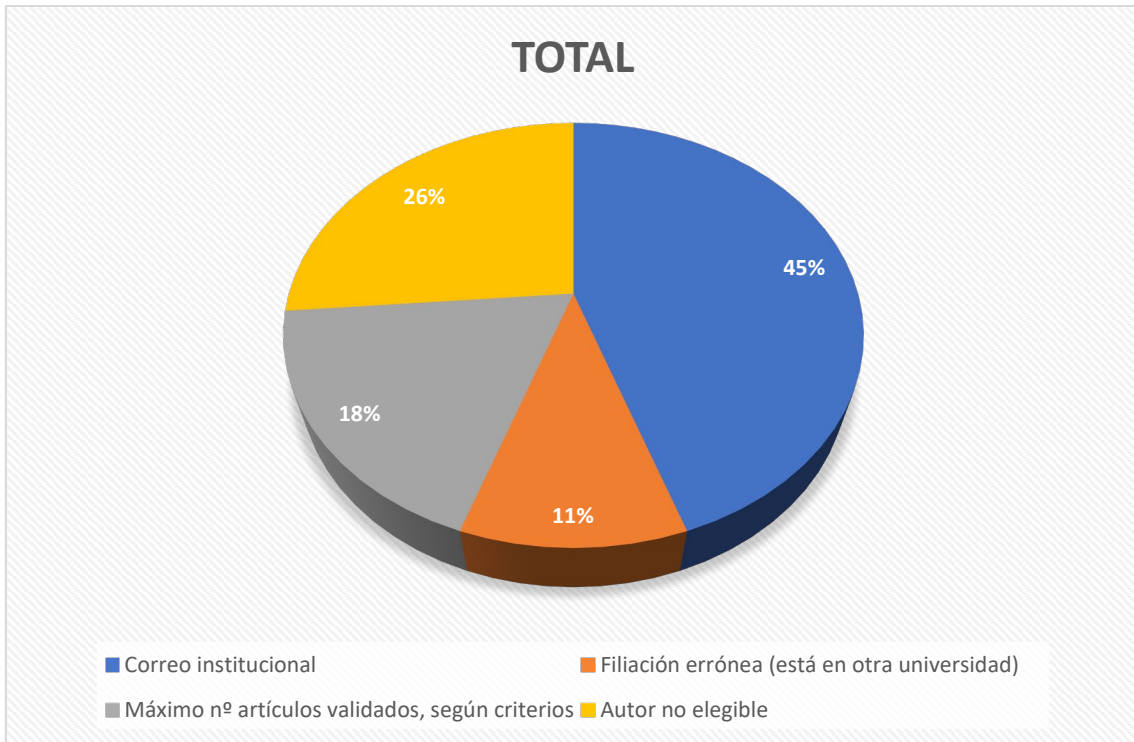
Se han validado 136¹ artículos, de un total de 186 solicitudes y de 156 APC's disponibles. Los APC's no gastados durante el año 2022 no se han podido recuperar en 2023, excepto en el caso de SPRINGER.

¹ V.: ANEXO 1



▪ **Motivos de rechazo**

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▪ **Inversión**

EDITOR	PRESUPUESTO	IMPORTE	NO IMPUTADO
ACS	40.515,86 €	-29.466,08 €	11.049,78 €
ELSEVIER	224.390,00€	-205.976,97 €	18.413,03 €
SPRINGER	37.267,05€	-37.267,05 €	0,00 €
WILEY	45.143,40€	-26.334,00 €	18.809,40 €

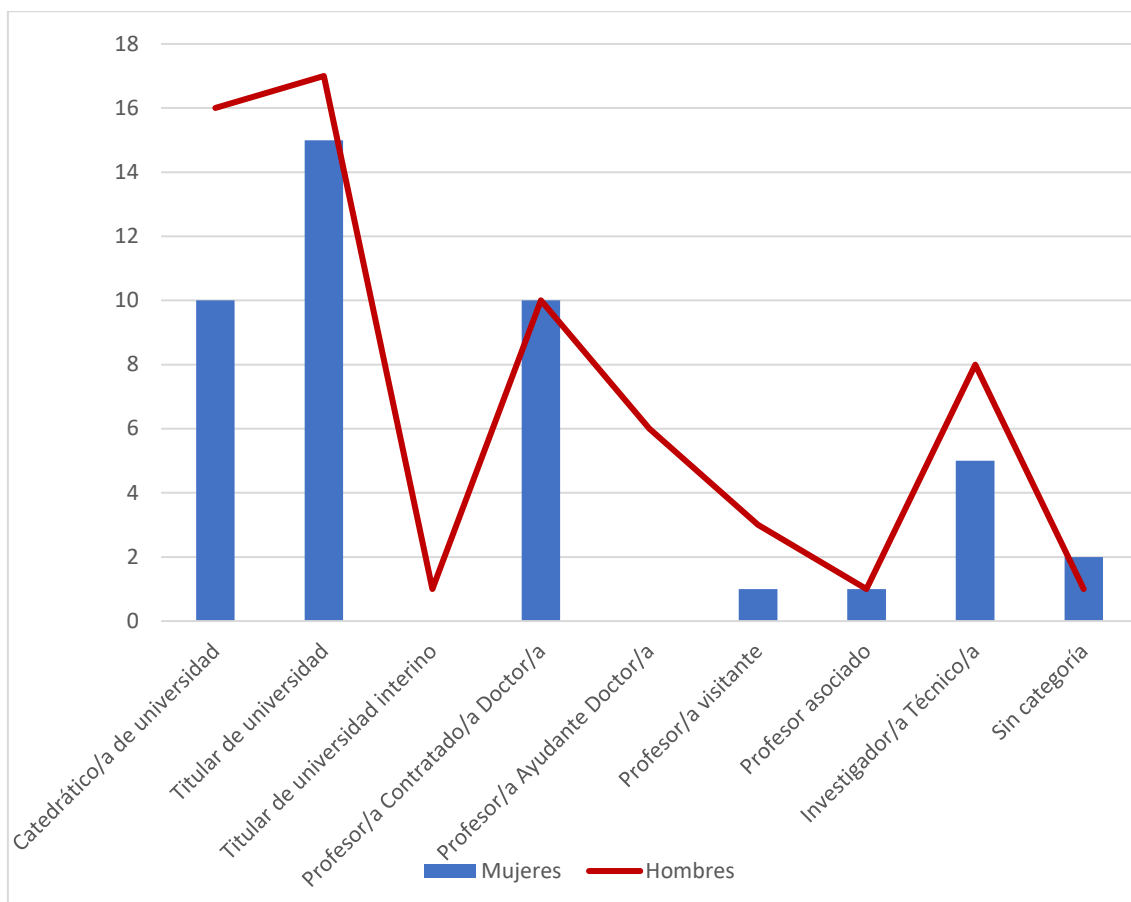
ACS: en su *dashboard* indica que cada APC tiene un coste de 4,000us. En la tabla se hace un cálculo dividiendo el coste total entre el número de APC's, por lo que 3683,26€/APC

Springer: no facilita coste de los APC's. En la tabla se refleja una cantidad resultante de hacer un cálculo dividiendo el coste total entre el número de APC's = 1490,68€/APC

Wiley: para el año 2022, no facilita coste de los APC's. En la tabla se refleja una cantidad resultante de hacer un cálculo dividiendo el coste total entre el número de APC's = 1254,00€/APC

▪ **Autores**

Se han beneficiado de la aplicación de los AT un total de 107 autores con filiación "URJC". De manera que ha aumentado el número de autores beneficiados de la aplicación de los AT en 2022, en algo más de un 26%.

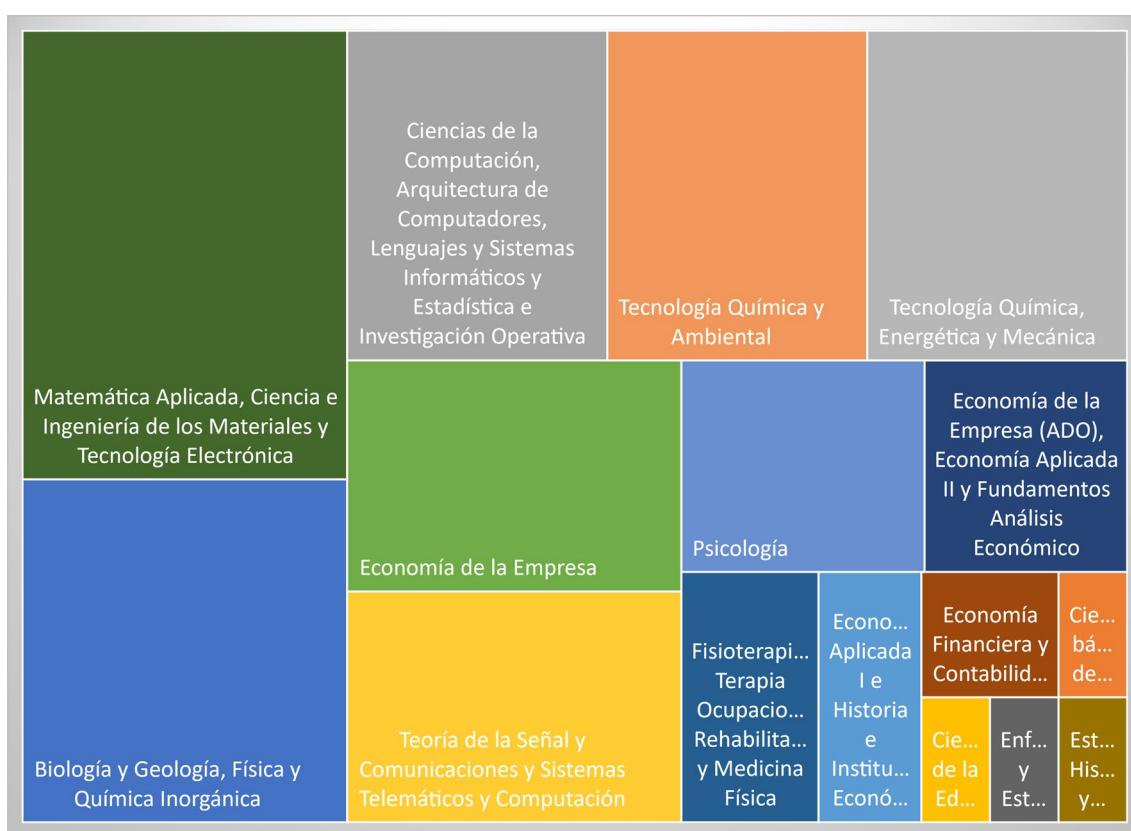


Los criterios de validación dentro de la URJC se volvieron a revisar en 2022, flexibilizando los señalados en 2021, de modo que hay algunos autores que han publicado más de un artículo en revistas de un mismo editor: 8 autores han publicado más de 2 artículos con el editor Elsevier; 1 autor ha publicado 2 artículos con SPRINGER.

De los artículos publicados, más de un 42% corresponden a “*corresponding author*” mujer.

▪ **Departamentos²**

De los 22 departamentos existentes en la universidad, se han beneficiado de la publicación de artículos bajo los AT, PDI de 16 departamentos.



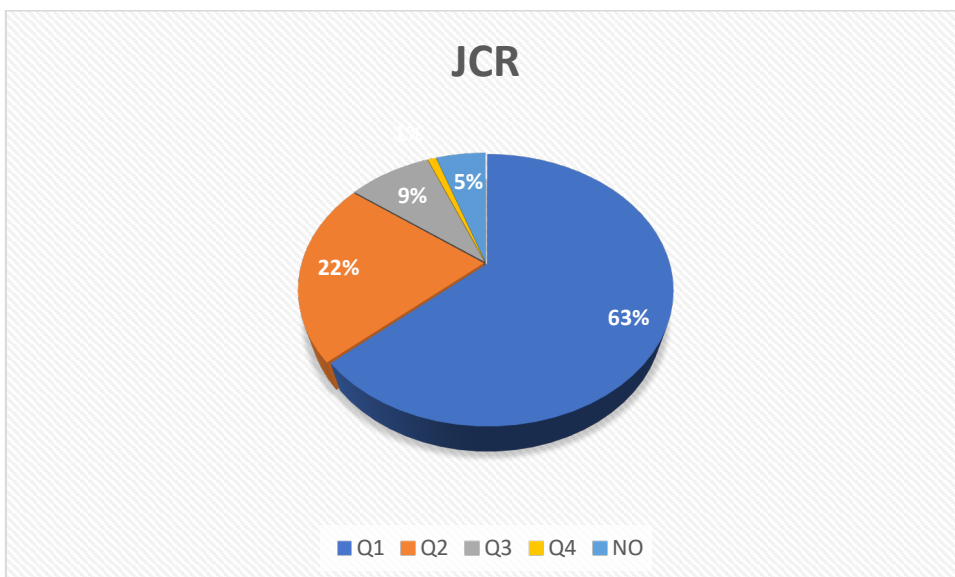
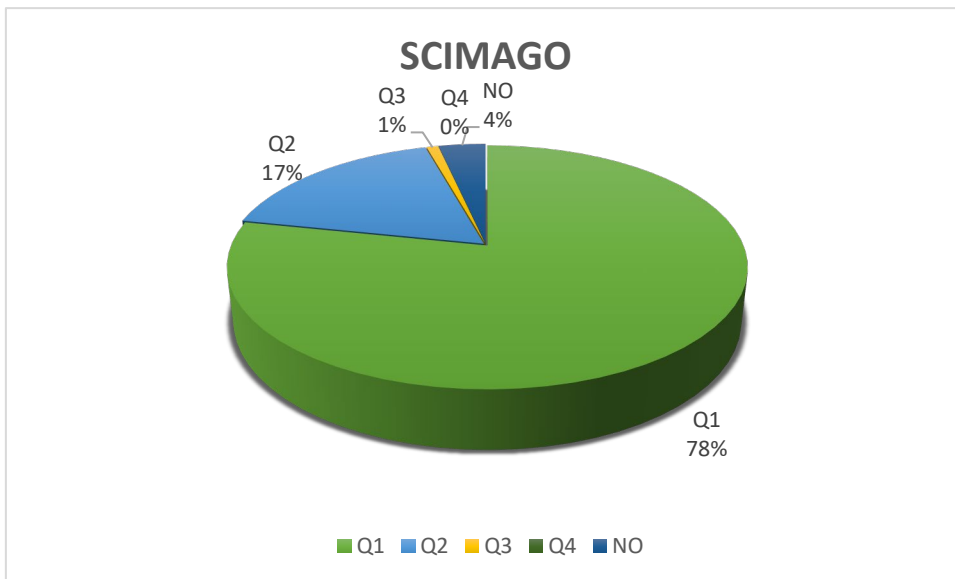
Como se puede ver en el gráfico, los departamentos que han publicado más artículos son el Dpto. de Matemática aplicada, ciencia e ingeniería de los materiales y tecnología electrónica (17) y el Dpto. de Biología y geología, física y química inorgánica (13), seguidos de Ciencias de la Computación, Arquitectura de Computadores, Lenguajes y Sistemas Informáticos y Estadística e Investigación Operativa, Tecnología Química y Ambiental, así como Tecnología Química, Energética y Mecánica, cada uno de ellos con 10 artículos publicados.

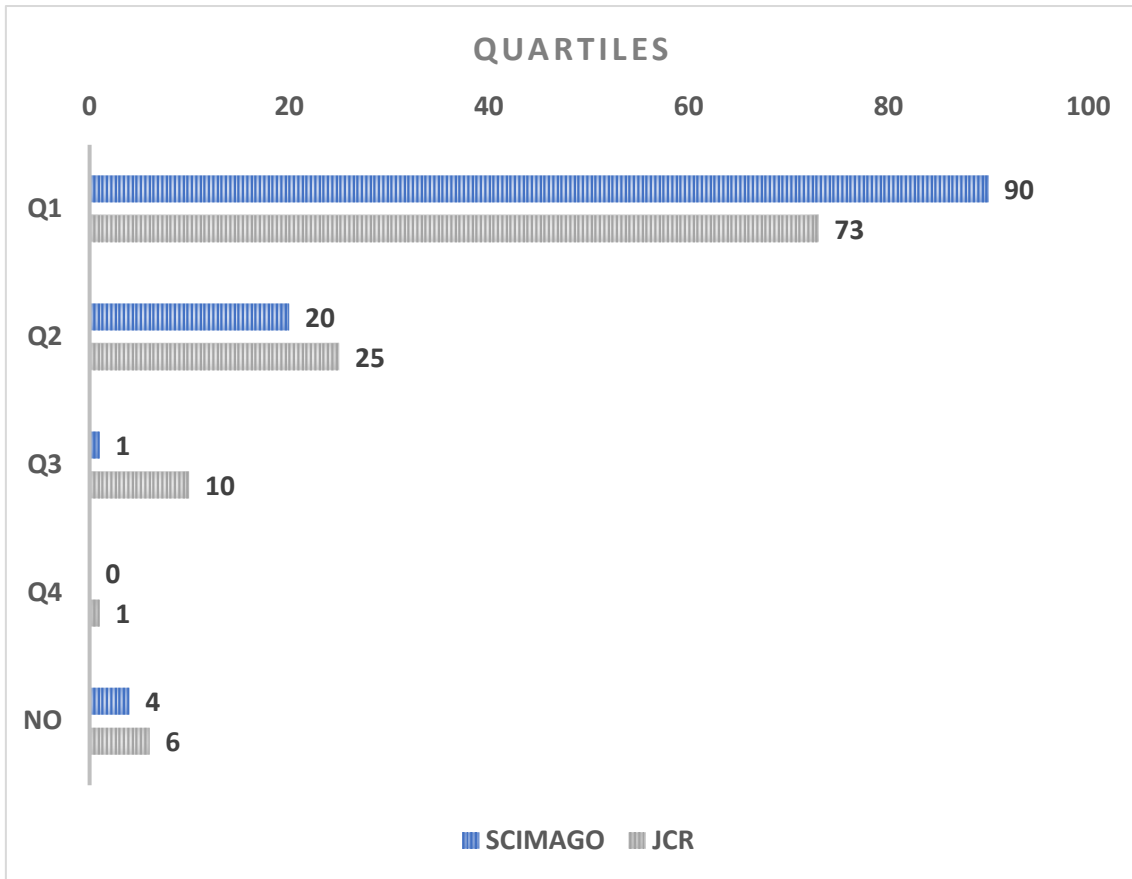
² Para la elaboración de este Informe se ha tenido en cuenta la estructura de departamentos existente en 2022, sin abordar los cambios habidos a lo largo del año, para unificar los datos.

▪ **Revistas**

El total de artículos validados se ha incluido en 115 títulos de revistas; la mayor parte de ellas figura en el Q1 y Q2, de acuerdo con los criterios fijados por el Consejo de Dirección de la universidad. Además, hay artículos validados incluidos en revistas de Q3 y Q4 o que no figuran en el JCR ni en SCIMAGO.

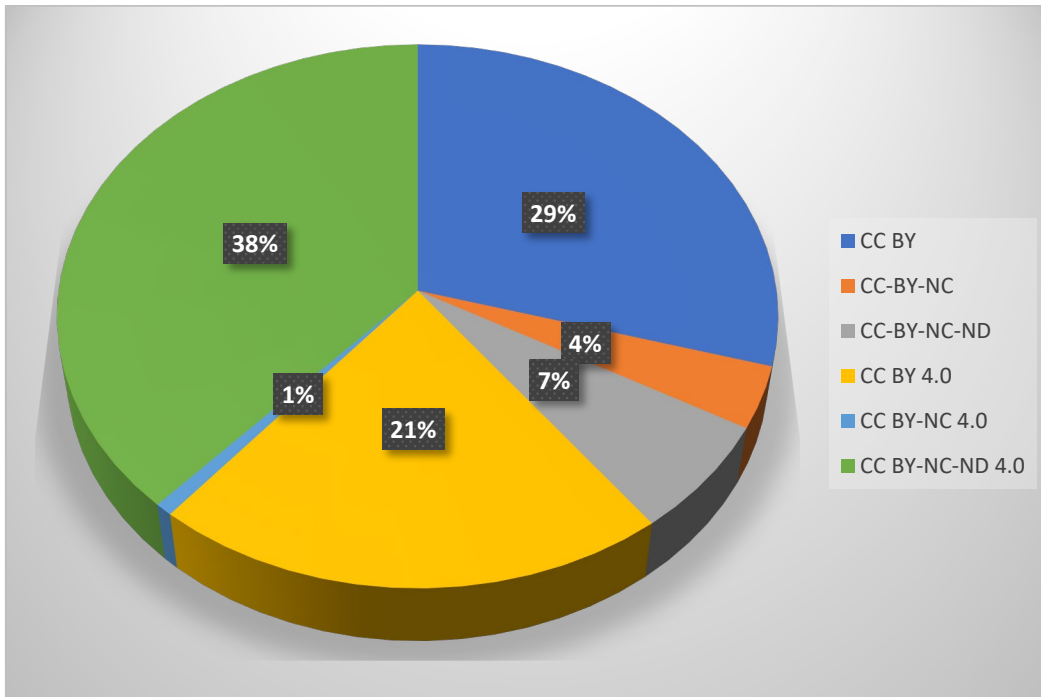
Se ha analizado la presencia de los 115 títulos de revistas tanto en el JCR, como en SCIMAGO, teniendo en cuenta las diferentes valoraciones de las revistas en las diferentes áreas temáticas y categorías, en ambos casos en la edición de 2022. En el caso de SCIMAGO se analiza el valor de los “Cuartiles”; en el caso del JCR, se tiene en cuenta el “Journal Impact Factor”.





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▪ **Licencias CC**



Cada editor propone una serie de licencias CC a los autores. Del análisis realizado, queda patente que la más seleccionada por los autores de la universidad es la licencia BY-NC-ND 4.0,

con un 38%. En la tabla que figura a continuación se recogen las características de cada una de las licencias CC propuestas por los editores.

LICENCIA	¿Qué puedo hacer?
CC BY	Reconocimiento - Distribuir, remezclar, adaptar y desarrollar su trabajo, incluso comercialmente, siempre con reconocimiento de la creación original.
CC-BY-NC	Reconocimiento-NoComercial - Remezclar, adaptar y desarrollar trabajos de manera no comercial; los nuevos trabajos también deben reconocerlo y no ser comercial, no tienen que licenciar sus trabajos derivados en los mismos términos.
CC-BY-NC-ND	Reconocimiento-NoComercial-SinObraDerivada - sólo permite que otros puedan descargar las obras y compartirlas con otras personas, siempre que se reconozca su autoría, pero no se pueden cambiar de ninguna manera ni se pueden utilizar comercialmente.
CC BY 4.0	Compartir — copiar y redistribuir el material en cualquier medio o formato Adaptar — remezclar, transformar y construir a partir del material para cualquier propósito, incluso comercialmente.
CC BY-NC 4.0	Compartir — copiar y redistribuir el material en cualquier medio o formato Adaptar — remezclar, transformar y construir a partir del material
CC BY-NC-ND 4.0	Compartir — copiar y redistribuir el material en cualquier medio o formato

- **Artículos depositados en la BURJC Digital**

Está pendiente, de acuerdo con uno de los criterios establecidos en el Consejo de Dirección de la universidad, la publicación en la BURJC Digital de los artículos validados dentro de los diferentes AT durante el año 2022, a la espera de la elaboración de un procedimiento que facilite la carga automática de los mismos.

CONCLUSIONES

1. En este segundo año de aplicación de los AT, ha aumentado el número de APC's gastados dentro del año, gracias a la medida de revisión y modificación los criterios establecidos por parte del Consejo de Dirección de la URJC.

Se ha gastado el 96,5% de los APC's asignados a la URJC, beneficiándose de las condiciones de los AT más de un 73% de las solicitudes recibidas.

Por segundo año, el motivo de rechazo mayor ha sido no incluir una cuenta de correo institucional (45%), seguido de un 26% en el que el motivo ha sido que el PDI solicitante no reunía las condiciones de autor elegible.

2. En el año 2022, un 68% de los departamentos de la universidad se ha beneficiado de los términos de los diferentes AT, aunque esto representa tan sólo cerca de un 4% del PDI total de la universidad.

Casi un 43% de los artículos publicados dentro de los AT cuentan con un "corresponding author" mujer. De ellas, casi en 23% son catedráticas de universidad y un 34% son titulares de universidad.

De los autores varones, algo más de un 25% son catedráticos de universidad y un 52,38% son titulares.

3. Un año más, se recomienda fomentar la normalización de la firma académica y científica, ya que se detectan diferentes firmas de un mismo autor en los editores incluidos en los AT. Con esta medida aumentaría la visibilidad y, por tanto, el impacto de los autores de la URJC y de la propia universidad.

IMPORTANTE

Cambios en el JCR a partir de la edición de 2023, que recoge los datos de 2022:

- <https://www.recursoscientificos.fecyt.es/noticias/cambios-importantes-en-jcr-partir-de-2023>
- <https://clarivate.com/blog/clarivate-announces-changes-to-the-2023-journal-citation-reports-release/>

ANEXO. ARTÍCULOS PUBLICADOS EN 2022

AUTOR	Journal Title Text	TÍTULO ARTÍCULOS	Manuscript Doi Id	User license	EDITOR
Abad, Manuel	Geobios Article Publishing Charge	Faunal evidence of the 1755 Lisbon Tsunami in Gibraltar (S Iberian Peninsula)	http://dx.doi.org/10.1016/j.geobios.2022.07.003	CC BY-NC-ND 4.0	ELSEVIER
Alonso-Conde, Ana B.	Economic Analysis and Policy Article Publishing Charge	Short-run and long-run effects of ESG policies on value creation and the cost of equity of firms	http://dx.doi.org/10.1016/j.eap.2022.12.017	CC BY 4.0	ELSEVIER
Antonovica, Arta	Technological Forecasting and Social Change Article Publishing Charge	What are the leading factors for using Spanish peer-to-peer mobile payment platform Bizum? The applied analysis of the UTAUT2 model	http://dx.doi.org/10.1016/j.techfore.2022.122235	CC BY 4.0	ELSEVIER
Antonovica, Arta	International Entrepreneurship and Management Journal	Factors that determine the degree of fulfilment of expectations for entrepreneurs from the business incubator programmes	10.1007/s11365-022-00818-1	CC BY	SPRINGER
Arrayás, Manuel	Chaos, Solitons & Fractals Article Publishing Charge	Machine learning techniques in magnetic levitation problems.	http://dx.doi.org/10.1016/j.chaos.2022.113043	CC BY 4.0	ELSEVIER
Artigas-Arnaudas, Joaquín	Journal of Energy Storage Article Publishing Charge	Effect of electrode surface treatment on carbon fiber based structural supercapacitors: Electrochemical analysis, mechanical performance and proof-of-concept	http://dx.doi.org/10.1016/j.est.2022.106599	CC BY 4.0	ELSEVIER
Bagus, Philipp	Business Ethics, the Environment & Responsibility	Capitalism, COVID-19 and lockdowns	10.1111/beer.12431	CC-BY	WILEY
Ballestar de las Heras, María Ter	Psychology & Marketing	An artificial intelligence analysis of climate-change influencers' marketing on Twitter	10.1002/mar.21735	CC-BY-NC-ND	WILEY
Bedmar, Javier	Corrosion Science Article Publishing Charge	Influence of the surface state on the corrosion behavior of the 316 L stainless steel manufactured by laser powder bed fusion	http://dx.doi.org/10.1016/j.corsci.2022.110550	CC BY 4.0	ELSEVIER
Beltran, Marta	Computers & Security	A Model for Risk-Based Adaptive Security Controls	http://dx.doi.org/10.1016/j.cose.2022.102612	CC BY-NC-ND 4.0	ELSEVIER
Blanco-González, Alicia	Managerial and Decision Economics	Understanding dissatisfaction through evaluation theory	10.1002/mde.3585	CC-BY-NC	WILEY
Blanco-González, Alicia	The Journal of High Technology Management Research Article Publishing Charge	Social capital and organizational legitimacy as competitive advantages in the information and communications technology sector	http://dx.doi.org/10.1016/j.hitech.2022.100441	CC BY-NC-ND 4.0	ELSEVIER
Blanco-González, Alicia	Journal of Business Research Article Publishing Charge	Effects of social responsibility on legitimacy and revisit intention: The moderating role of anxiety	http://dx.doi.org/10.1016/j.jbusres.2022.113583	CC BY-NC-ND 4.0	ELSEVIER
Blanco-Sánchez, Mario	Functional Ecology	Natural selection favours drought escape and an acquisitive resource-use strategy in semi-arid Mediterranean shrubs	10.1111/1365-2435.14121	CC-BY	WILEY
Bosque García, Antonio del	ACS Applied Energy Materials	Thermomechanically Robust Ceramic/Polymer Nanocomposites Modified with Ionic Liquid for Hybrid Polymer Electrolyte Applications	10.1021/acsaem.1c03836	CC-BY	ACS
Bosque, Antonio del	Carbon	Ultrasensitive and highly stretchable sensors for human motion monitoring made of graphene reinforced polydimethylsiloxane: Electromechanical and complex impedance sensing performance	http://dx.doi.org/10.1016/j.carbon.2022.02.043	CC BY-NC-ND 4.0	ELSEVIER
Bote-Curiel, Luis	Expert Systems with Applications Article Publishing Charge	Multivariate feature selection and autoencoder embeddings of ovarian cancer clinical and genetic data	http://dx.doi.org/10.1016/j.eswa.2022.117865	CC BY 4.0	ELSEVIER
Briones, L.	Journal of Energy Storage	Development of stable porous silica-coated Ca(OH) ₂ /γ-Al ₂ O ₃ pellets for dehydration/hydration cycles with application in thermochemical heat storage	http://dx.doi.org/10.1016/j.est.2022.104548	CC BY-NC-ND 4.0	ELSEVIER
Buenaposada, Jose M,	Pattern Recognition	ELSED: Enhanced Line SEgment Drawing	http://dx.doi.org/10.1016/j.patcog.2022.108619	CC BY-NC-ND 4.0	ELSEVIER
Burgos, Tamara	Journal of Animal Ecology	Predation risk can modify the foraging behaviour of frugivorous carnivores: Implications of rewilding apex predators for plant-animal mutualisms	10.1111/1365-2656.13682	CC-BY-NC	WILEY
Cachón-Rodríguez, Gabriel	Evaluation and Program Planning Article Publishing Charge	How Sustainable Human Resources Management helps in the evaluation and planning of Employee Loyalty and Retention: Can Social Capital make a difference?	http://dx.doi.org/10.1016/j.evalprogplan.2022.102171	CC BY-NC-ND 4.0	ELSEVIER
Capilla, Rafael	Advanced Engineering Informatics Article Publishing Charge	A Quality 4.0 Model for Architecting Industry 4.0 Systems	http://dx.doi.org/10.1016/j.aei.2022.101801	CC BY-NC-ND 4.0	ELSEVIER
Casillas-Pérez, D.	Atmospheric Research	Machine learning regression and classification methods for fog events prediction	http://dx.doi.org/10.1016/j.atmosres.2022.106157	CC BY-NC-ND 4.0	ELSEVIER
Casillas-Pérez, D.	Image and Vision Computing Article Publishing Charge	Deep Shape-from-Template: Single-image Quasi-isometric Deformable Registration and Reconstruction	http://dx.doi.org/10.1016/j.imavis.2022.104531	CC BY-NC-ND 4.0	ELSEVIER
Casillas-Pérez, David	Measurement Article Publishing Charge	Deep learning CNN-LSTM-MLP hybrid fusion model for feature optimizations and daily solar radiation prediction	http://dx.doi.org/10.1016/j.measurement.2022.111759	CC BY-NC-ND 4.0	ELSEVIER
Coso, Juan del	European Journal of Nutrition	Effect of caffeine on muscle oxygen saturation during short-term all-out exercise: a double-blind randomized crossover study	10.1007/s00394-022-02875-2	CC BY	SPRINGER
Coto, Baudilio	Separation and Purification Technology Article Publishing Charge	Liquid-Liquid Extraction of polyaromatic compounds with ionic liquid. A theoretical and experimental approach	http://dx.doi.org/10.1016/j.seppur.2022.122160	CC BY-NC-ND 4.0	ELSEVIER
Criado, Regino	Chaos, Solitons & Fractals Article Publishing Charge	Derivative of a hypergraph as a tool for linguistic pattern analysis	http://dx.doi.org/10.1016/j.chaos.2022.112603	CC BY 4.0	ELSEVIER
Cuesta-Infante, Alfredo	Multimedia Tools and Applications	Visual classification of dumpsters with capsule networks	10.1007/s11042-022-12899-9	CC BY	SPRINGER
Cuesta-Infante, Alfredo	Neural Computing and Applications	Deep reinforcement learning for automated search of model parameters: photo-fenton wastewater disinfection case study	10.1007/s00521-022-07803-3	CC BY	SPRINGER
Daza, Alvar	Chaos, Solitons & Fractals Article Publishing Charge	Classifying basins of attraction using the basin entropy	http://dx.doi.org/10.1016/j.chaos.2022.112112	CC BY 4.0	ELSEVIER
Delgado-Rodríguez, María Jesús	Empirica	Synchronization and cyclicity of social spending in economic crises	10.1007/s10663-022-09545-w	CC BY	SPRINGER

ANEXO. ARTÍCULOS PUBLICADOS EN 2022

AUTOR	Journal Title Text	TÍTULO ARTÍCULOS	Manuscript Doi Id	User license	EDITOR
Duarte, Abraham	European Journal of Operational Research	GRASP with strategic oscillation for the [formula omitted]-neighbor [formula omitted]-center problem	http://dx.doi.org/10.1016/j.ejor.2022.02.038	CC BY-NC-ND 4.0	ELSEVIER
Duarte, Abraham	Networks	Variable neighborhood search approach with intensified shake for monitor placement	10.1002/net.22134	CC-BY-NC-ND	WILEY
Ecija, Carmen	Stress and Health	Stressors and uplifts of confinement due to covid-19: A longitudinal study on mental health in a sample of academic and administrative university staff in Spain	10.1002/smi.3197	CC-BY-NC	WILEY
El-Amrani, Mofdi	Journal of Scientific Computing	Bernstein-Bézier Galerkin-Characteristics Finite Element Method for Convection-Diffusion Problems	10.1007/s10915-022-01888-7	CC BY	SPRINGER
Eleftheriou, María	Economic Modelling Article Publishing Charge	Monetary policy rules and inflation control in the US	http://dx.doi.org/10.1016/j.econmod.2022.106137	CC BY-NC-ND 4.0	ELSEVIER
Espada, Juan J.	Science of the Total Environment Article Publishing Charge	Coupling phytoremediation of Pb-contaminated soil and biomass energy production: A comparative Life Cycle Assessment	http://dx.doi.org/10.1016/j.scitotenv.2022.156675	CC BY-NC 4.0	ELSEVIER
Fernández de las Peñas, César	Infection	Clustering analysis reveals different profiles associating long-term post-COVID symptoms, COVID-19 symptoms at hospital admission and previous medical co-morbidities in previously hospitalized COVID-19 survivors	10.1007/s15010-022-01822-x	CC BY	SPRINGER
Fernández-de-las-Peñas, César	Headache: The Journal of Head and Face Pain	Headache as a COVID-19 onset symptom and post-COVID-19 symptom in hospitalized COVID-19 survivors infected with the Wuhan, Alpha, or Delta SARS-CoV-2 variants	10.1111/head.14398	CC-BY-NC	WILEY
Fernández-Salineró, Samuel	Sleep and Biological Rhythms	Does engagement help to reduce insomnia when workers are emotionally exhausted?	10.1007/s41105-022-00411-7	CC BY	SPRINGER
Feversani, Daniela Patricia	Information Systems and e-Business Management	Towards a lightweight framework for service management evaluation in SMEs	10.1007/s10257-022-00576-1	CC BY	SPRINGER
Forcadell, Francisco J.	Corporate Social Responsibility and Environmental Management	The firm under the spotlight: How stakeholder scrutiny shapes corporate social responsibility and its influence on performance	10.1002/csr.2417	CC-BY-NC-ND	WILEY
Gallego-Losada, Rocio	Research in International Business and Finance Article Publishing Charge	Digital financial inclusion. Visualizing the academic literature	http://dx.doi.org/10.1016/j.ribaf.2022.101862	CC BY-NC-ND 4.0	ELSEVIER
García, Esther	Linear Algebra and its Applications Article Publishing Charge	Gradings induced by nilpotent elements	http://dx.doi.org/10.1016/j.laa.2022.09.017	CC BY-NC-ND 4.0	ELSEVIER
García, Esther	Journal of Geometry and Physics Article Publishing Charge	A filtration associated to an abelian inner ideal of a Lie algebra	http://dx.doi.org/10.1016/j.geomphys.2022.104728	CC BY-NC-ND 4.0	ELSEVIER
García-Bravo, Cristina	Japan Journal of Nursing Science	Relatives experiences during the COVID-19 pandemic: A qualitative study set in Spanish locked-down nursing homes	10.1111/jjns.12510	CC-BY-NC-ND	WILEY
García-Rodríguez, S.	Corrosion Science Article Publishing Charge	Effects of the heat treatment on the microstructure and corrosion behavior of 316 L stainless steel manufactured by Laser Powder Bed Fusion	http://dx.doi.org/10.1016/j.corsci.2022.110777	CC BY-NC-ND 4.0	ELSEVIER
Girón, María del Rocío	Behavioural Brain Research Article Publishing Charge	Short-term stress significantly decreases morphine analgesia in trigeminal but not in spinal innervated areas in rats	http://dx.doi.org/10.1016/j.bbr.2022.114046	CC BY-NC-ND 4.0	ELSEVIER
Gomes, Phillipe V	Electric Power Systems Research	A MILP-based heuristic algorithm for transmission expansion planning problems	http://dx.doi.org/10.1016/j.epsr.2022.107882	CC BY 4.0	ELSEVIER
Gómez-del Río, T.	Theoretical and Applied Fracture Mechanics Article Publishing Charge	Effect of strain rate on tensile fracture behavior of notched polyamide 12 processed by selective laser sintering	http://dx.doi.org/10.1016/j.tafmec.2022.103434	CC BY 4.0	ELSEVIER
Gómez-del Río, Teresa	Education for Chemical Engineers Publishing Charge	Design and assessment of a project-based learning in a laboratory for integrating knowledge and improving engineering design skills	http://dx.doi.org/10.1016/j.ece.2022.104002	CC BY-NC-ND 4.0	ELSEVIER
Gómez-Fernández, Alicia	Journal of Ecology	How seeds and growth dynamics influence plant size and yield: Integrating trait relationships into ontogeny	10.1111/1365-2745.13979	CC-BY-NC	WILEY
Gómez-Martínez, Raúl	Intelligent Systems in Accounting, Finance and Management	Wikipedia pageviews as investors' attention indicator for Nasdaq	10.1002/isaf.1508	CC-BY	WILEY
Gómez-Ruiz, Santiago	ACS Biomaterials Science & Engineering	Design of mesoporous silica nanoparticles for the treatment of Amyotrophic Lateral Sclerosis (ALS) with a therapeutic cocktail based on leptin and pioglitazone	10.1021/acsbmaterials.2c00865	CC-BY	ACS
Gómez-Ruiz, Santiago	Biomaterials Advances Charge	Synthesis of a theranostic platform based on fibrous silica nanoparticles for the enhanced treatment of triple-negative breast cancer promoted by a combination of chemotherapeutic agents	http://dx.doi.org/10.1016/j.bioadv.2022.112823	CC BY 4.0	ELSEVIER
González, J.M.	Science of the Total Environment Article Publishing Charge	Tertiary wastewater treatment combined with high dilution rates fails to eliminate impacts on receiving stream invertebrate assemblages	http://dx.doi.org/10.1016/j.scitotenv.2022.160425	CC BY-NC-ND 4.0	ELSEVIER
González-Serrano, Lydia	International Journal of Hospitality Management	The wheel of dynamic pricing: Towards open pricing and one to one pricing in hotel revenue management	http://dx.doi.org/10.1016/j.ijhm.2022.103184	CC BY-NC-ND 4.0	ELSEVIER
Gortázar, Francisco	Journal of Systems and Software Article Publishing Charge	Cost-effective load testing of WebRTC applications	http://dx.doi.org/10.1016/j.jss.2022.111437	CC BY 4.0	ELSEVIER
Guardiola-Múzquiz, Gorka	International Journal of Information Security	SealFSv2: combining storage-based and ratcheting for tamper-evident logging	10.1007/s10207-022-00643-1	CC BY	SPRINGER
Hernández-Balaguer, Enrique	ACS Energy Letters	Negative Transient Spikes in Halide Perovskites	10.1021/acsenerylett.2c01252	CC-BY	ACS
Hierro, Isabel del	Molecular Catalysis Article	Proline-based heterogeneous catalyst for Knoevenagel condensation reaction: insights into mechanism reaction using solid-state electrochemical studies	http://dx.doi.org/10.1016/j.mcat.2022.112328	CC BY-NC-ND 4.0	ELSEVIER
Huarte, Abraham	Journal of Heuristics	A GRASP algorithm with Tabu Search improvement for solving the maximum intersection of k-subsets problem	10.1007/s10732-022-09490-8	CC BY	SPRINGER
Iglesias, José	ACS Sustainable Chemistry & Engineering	Efficient conversion of glucose to methyl lactate with Sn-USY: retro-aldol activity promotion by controlled ion exchange	10.1021/acsschemeng.2c01987	CC-BY	ACS
Iglesias, José	Advanced Sustainable Systems	Integrated Environmental and Exergoeconomic Analysis of Biomass-Derived Maleic Anhydride	https://doi.org/10.1002/adsu.202200	CC-BY-NC-ND	WILEY

ANEXO. ARTÍCULOS PUBLICADOS EN 2022

AUTOR	Journal Title Text	TÍTULO ARTÍCULOS	Manuscript Doi Id	User license	EDITOR
Izaguirre, Ignacio	Fusion Engineering and Design Article Publishing Charge	Development of flexible filler ribbons by melt spinning for joining W to CuCrZr material for heat sink application	http://dx.doi.org/10.1016/j.fusengdes.2022.113214	CC BY-NC-ND 4.0	ELSEVIER
Kazemi, Abolghasem	Energy Article Publishing Charge	Techno-economic comparison of optimized natural gas combined cycle power plants with CO2 capture	http://dx.doi.org/10.1016/j.energy.2022.124617	CC BY-NC-ND 4.0	ELSEVIER
Lara-Romero, Carlos	Journal of Vegetation Science	Functional traits and propagule pressure explain changes in the distribution and demography of non-native trees in Spain	10.1111/jvs.13131	CC-BY-NC-ND	WILEY
Lecuona, Oscar	Mindfulness	Unraveling Heterogeneities in Mindfulness Profiles: a Review and Latent Profile Analysis of the Five Facet Mindfulness Questionnaire Short-Form (FFMQ-SF) in the Spanish Population	10.1007/s12671-022-01939-y	CC BY	SPRINGER
Linares, María	International Journal of Hydrogen Energy	Experimental evaluation and energy analysis of a two-step water splitting thermochemical cycle for solar hydrogen production based on La0.8Sr0.2CoO3- δ perovskite	http://dx.doi.org/10.1016/j.ijhydene.2022.11.003	CC BY 4.0	ELSEVIER
López Rubio, Roberto	Journal of Ecology	Rainy years counteract negative effects of drought on taxonomic, functional and phylogenetic diversity: Resilience in annual plant communities	10.1111/1365-2745.13948	CC-BY	WILEY
López-López, Almudena	Scandinavian Journal of Psychology	Effectiveness of spontaneous pain coping strategies for acute pain management: A laboratory study	10.1111/sjop.12893	CC-BY-NC-ND	WILEY
Lopez-Muñoz, María-Jose	Catalysis Today Article Publishing Charge	Photocatalytic Degradation of Methylisothiazolinone in Water by TiO2 and TiO2/Persulfate systems with Simulated Solar Radiation	http://dx.doi.org/10.1016/j.cattod.2022.11.003	CC BY-NC-ND 4.0	ELSEVIER
Losa Iglesias, Marta Elena	Journal of Nursing Management	Burnout, resilience and psychological flexibility in frontline nurses during the acute phase of the COVID-19 pandemic (2020) in Madrid, Spain	10.1111/jonm.13778	CC-BY-NC-ND	WILEY
Martín, Alejandro G.	Knowledge-Based Systems	Combining user behavioural information at the feature level to enhance continuous authentication systems	https://doi.org/10.1016/j.knosys.2022.103352	CC BY-NC-ND 4.0	ELSEVIER
Martínez, Fernando	Journal of Water Process Engineering Article Publishing Charge	A novel photoanaerobic process as a feasible alternative to the traditional aerobic treatment of refinery wastewater	http://dx.doi.org/10.1016/j.jwpe.2022.103352	CC BY-NC-ND 4.0	ELSEVIER
Martínez-Piédrola, Rosa María	Sleep Medicine Reviews	Effects of COVID-19 home confinement on sleep in children: A systematic review	http://dx.doi.org/10.1016/j.smrv.2022.101596	CC BY-NC-ND 4.0	ELSEVIER
Martínez-Priédola, Rosa María	European Journal of Pediatrics	Sensory processing and adaptive behavior in Phelan-McDermid syndrome: a cross-sectional study	10.1007/s00431-022-04564-y	CC BY	SPRINGER
Martín-Gamboa, Mario	Renewable Energy Article Publishing Charge	Definition, assessment and prioritisation of strategies to mitigate social life-cycle impacts across the supply chain of bioelectricity: A case study in Portugal	http://dx.doi.org/10.1016/j.renene.2022.06.002	CC BY-NC-ND 4.0	ELSEVIER
Martino, Luca	Applied Mathematical Modelling Article Publishing Charge	MCMC-driven importance samplers	http://dx.doi.org/10.1016/j.apm.2022.06.027	CC BY-NC-ND 4.0	ELSEVIER
Marugán, Javier	Chemical Engineering Journal	Weathering of plastic SODIS containers and the impact of ageing on their lifetime and disinfection efficacy	http://dx.doi.org/10.1016/j.cej.2022.134881	CC BY 4.0	ELSEVIER
Melero, Juan A.	Industrial & Engineering Chemistry Research	Techno-Economic Assessment of Conceptual Design for Gamma-Valerolactone Production over a Bifunctional Zr-Al-Beta Catalyst	10.1021/acs.iecr.1c04644	CC-BY	ACS
Mercado, Francisco	European Archives of Psychiatry and Clinical Neuroscience	Working memory dysfunction in fibromyalgia is associated with genotypes of the catechol- O-methyltransferase gene: an event-related potential study	10.1007/s00406-022-01488-4	CC BY	SPRINGER
Mercado, Francisco	Behavior Research Methods	Pain E-motion Faces Database (PEMF): Pain-related micro-clips for emotional research	10.3758/s13428-022-01992-4	CC BY	SPRINGER
Merino-Martín, Luis	Oikos	Habitat partitioning of soil microbial communities along an elevation gradient: from plant root to landscape scale	10.1111/oik.09034	CC-BY	WILEY
Merino-Millan, David	Solar Energy Materials and Solar Cells Article Publishing Charge	Alternative low-power plasma-sprayed inconel 625 coatings for thermal solar receivers: Effects of high temperature exposure on adhesion and solar absorptivity	http://dx.doi.org/10.1016/j.solmat.2022.111839	CC BY 4.0	ELSEVIER
Morales, Gabriel	Catalysis Today Article Publishing Charge	Beta zeolite as an efficient catalyst for the synthesis of diphenolic acid (DPA) from renewable levulinic acid	http://dx.doi.org/10.1016/j.cattod.2022.06.016	CC BY-NC-ND 4.0	ELSEVIER
Moreno-Lumbreras, David	Information and Software Technology Article Publishing Charge	CodeCity: A Comparison of On-Screen and Virtual Reality	http://dx.doi.org/10.1016/j.infsof.2022.107064	CC BY 4.0	ELSEVIER
Muñoz Miguel, J.P.	The International Journal of Management Education Article Publishing Charge	Collaborative learning in management subjects to university students: A multi-level research to identify group profile, engagement and academic performance	http://dx.doi.org/10.1016/j.ijme.2022.100762	CC BY-NC-ND 4.0	ELSEVIER
Muñoz, Marta	Journal of Analytical and Applied Pyrolysis Article Publishing Charge	Plastic Pyrolysis over HZSM-5 Zeolite and Fluid Catalytic Cracking Catalyst under Ultra-Fast Heating	http://dx.doi.org/10.1016/j.jaap.2022.105793	CC BY-NC-ND 4.0	ELSEVIER
Nájera-Sánchez, Juan José	International Entrepreneurship and Management Journal	Exploring the knowledge structure of entrepreneurship education and entrepreneurial intention	10.1007/s11365-022-00814-5	CC BY	SPRINGER
Orcajo, Gisela	Journal of CO2 Utilization Article Publishing Charge	Robust Cu-URJC-8 with mixed ligands for mild CO2 cycloaddition reaction	http://dx.doi.org/10.1016/j.jcou.2022.102166	CC BY-NC-ND 4.0	ELSEVIER
Orea-Giner, Alicia	Tourism Management Article Publishing Charge	Does the Implementation of Robots in Hotels Influence the Overall TripAdvisor Rating? A Text Mining Analysis from the Industry 5.0 Approach	http://dx.doi.org/10.1016/j.tourman.2022.104586	CC BY-NC-ND 4.0	ELSEVIER
Ortega, Felipe	Information Sciences Article Publishing Charge	Unconventional application of k-means for distributed approximate similarity search	http://dx.doi.org/10.1016/j.ins.2022.11.024	CC BY 4.0	ELSEVIER
Ortiz Díaz, María Laura	Functional Ecology	Functional diversity of experimental annual plant assemblages drives plant responses to biological soil crusts in gypsum systems	10.1111/1365-2435.14234	CC-BY	WILEY
Otamendi, F. Javier	Expert Systems with Applications	Statistical emotion control: Comparing intensity and duration of emotional reactions based on facial expressions	http://dx.doi.org/10.1016/j.eswa.2022.117074	CC BY-NC-ND 4.0	ELSEVIER
Pablos, Cristina	Measurement Article	Critical assessment of optical sensor parameters for the measurement of ultraviolet LED lamps	http://dx.doi.org/10.1016/j.measurement.2022.111278	CC BY 4.0	ELSEVIER

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AUTOR	Journal Title Text	TÍTULO ARTÍCULOS	Manuscript Doi Id	User license	EDITOR
Pablos, Cristina	Science of the Total Environment Article Publishing Charge	Growth and prevalence of antibiotic-resistant bacteria in microplastic biofilm from wastewater treatment plant effluents	http://dx.doi.org/10.1016/j.scitoten.v.2022.159024	CC BY 4.0	ELSEVIER
Pardo, Eduardo G.	Computers & Security	Optimization of code caves in malware binaries to evade Machine Learning detectors	http://dx.doi.org/10.1016/j.cose.2022.102643	CC BY 4.0	ELSEVIER
Pardo, Eduardo G.	European Journal of Operational Research Article Publishing Charge	Efficient Iterated Greedy for the Two-Dimensional Bandwidth Minimization Problem	http://dx.doi.org/10.1016/j.ejor.2022.09.004	CC BY-NC-ND 4.0	ELSEVIER
Paredes Velasco, Maximiliano	Multimedia Tools and Applications	Augmented reality with algorithm animation and their effect on students' emotions	10.1007/s11042-022-13679-1	CC BY	SPRINGER
Pariente, M.I.	Journal of Environmental Management Article Publishing Charge	Critical review of technologies for the on-site treatment of hospital wastewater: From conventional to combined advanced processes	http://dx.doi.org/10.1016/j.jenvman.2022.115769	CC BY-NC-ND 4.0	ELSEVIER
Peñacobá, Cecilia	Pain Management Nursing Article Publishing Charge	When it hurts, a positive attitude may help. The moderating effect of positive affect on the relationship between walking, depression and symptoms in women with fibromyalgia	http://dx.doi.org/10.1016/j.pmn.2022.05.007	CC BY-NC-ND 4.0	ELSEVIER
Peñacobá, Cecilia	Clinical Rheumatology	Symptoms in women with fibromyalgia after performing physical activity: the role of pain catastrophizing and The role of life satisfaction in the association between problematic technology use and anxiety in children and adolescents during the COVID-19 pandemic	10.1007/s10067-022-06342-5	CC BY	SPRINGER
Peñacobá, Cecilia	International Journal of Mental Health Nursing	The impact of digital physical therapy during COVID-19 lockdown in children with developmental disorders: a qualitative study	10.1111/inm.13077	CC-BY-NC-ND	WILEY
Pérez-Corrales, Jorge	Brazilian Journal of Physical Therapy Article Publishing Charge	The impact of digital physical therapy during COVID-19 lockdown in children with developmental disorders: a qualitative study	http://dx.doi.org/10.1016/j.bjpt.2022.100445	CC BY-NC-ND 4.0	ELSEVIER
Prolongo, S.G.	Polymer Article Publishing Charge	Thermally remendable, weldable, and recyclable epoxy network crosslinked with reversible Diels-alder bonds	http://dx.doi.org/10.1016/j.polymer.2022.125334	CC BY 4.0	ELSEVIER
Prolongo, Silvia	ACS Applied Polymer Materials	Hardener Isomerism and Content of Dynamic Disulfide Bonds Effect on Chemical Recycling of Epoxy Networks	10.1021/acsapm.2c00598	CC-BY	ACS
Riquelme, A.	Metals and Materials International	Carrying Gas Influence and Fabrication Parameters Impact in 3D Manufacturing of in situ TiN-Ti omposites by f	10.1007/s12540-022-01260-2	CC BY	SPRINGER
Robles, Gregorio	Empirical Software Engineering	Revisiting the building of past snapshots — a replication and reproduction study	10.1007/s10664-022-10117-6	CC BY	SPRINGER
Rodrigo, P.	Ceramics International Article Publishing Charge	Wear behavior of additively manufactured 316L/SiCp composites with up to 60 wt% SiCp	http://dx.doi.org/10.1016/j.ceramint.2022.07.319	CC BY 4.0	ELSEVIER
Rodríguez, J.	Engineering Fracture Mechanics Article Publishing Charge	On the Failure Assessment Diagram methodology in polyamide 12	http://dx.doi.org/10.1016/j.engfrac.mech.2022.108558	CC BY-NC-ND 4.0	ELSEVIER
Romance, Miguel	Mathematical Methods in the Applied Sciences	Controlling centrality: The inverse ranking problem for spectral centralities of complex networks	10.1002/mma.8478	CC-BY	WILEY
Salazar, A.	Engineering Fracture Mechanics Article Publishing Charge	Mechanical and fatigue behaviour of polyamide 12 processed via injection moulding and selective laser sintering. Analysis based on Kitagawa Takahashi diagrams	http://dx.doi.org/10.1016/j.engfrac.mech.2022.108825	CC BY-NC-ND 4.0	ELSEVIER
Sánchez de Rojas Candela, C.	Metals and Materials International	Ti6Al4V/SiC Metal Matrix Composites Additively Manufactured by Direct Laser Deposition	10.1007/s12540-022-01191-y	CC BY	SPRINGER
Sánchez-Hernández, Javier	Reviews in Fish Biology and Fisheries	Exploring temporal patterns in fish feeding ecology: Are ontogenetic dietary shifts stable over time?	10.1007/s11160-022-09724-9	CC BY	SPRINGER
Sánchez-Oro, J.	Mathematics and Computers in Simulation Article Publishing Charge	An iterated greedy algorithm for finding the minimum dominating set in graphs	http://dx.doi.org/10.1016/j.matcom.2022.12.018	CC BY 4.0	ELSEVIER
Sánchez-Romate, Xoan F	Composites Science and Technology Article Publishing Charge	Novel approach for damage detection in multiscale CNT-reinforced composites via wireless Joule heating monitoring	http://dx.doi.org/10.1016/j.compscitech.2022.109614	CC BY 4.0	ELSEVIER
Sánchez-Romate, Xoan F.	Progress in Organic Coatings	Multifunctional coatings based on GNP/epoxy systems: Strain sensing mechanisms and Joule's heating capabilities for de-icing applications	http://dx.doi.org/10.1016/j.porgcoat.2022.106829	CC BY 4.0	ELSEVIER
Sanjuan, Miguel A.F.	Nonlinear Dynamics	A mechanism explaining the metamorphoses of KAM islands in nonhyperbolic chaotic scattering	10.1007/s11071-022-07623-z	CC BY	SPRINGER
Saura, José Ramón	Annals of Operations Research	Data-driven strategies in operation management: mining user-generated content in Twitter	10.1007/s10479-022-04776-3	CC BY	SPRINGER
Saura, Jose Ramon	Government Information Quarterly	Assessing behavioral data science privacy issues in government artificial intelligence deployment	http://dx.doi.org/10.1016/j.giq.2022.101679	CC BY 4.0	ELSEVIER
Segura, Yolanda	Bioresource Technology Article Publishing Charge	Improvement of biogas production and nitrogen recovery in anaerobic digestion of purple phototrophic bacteria by thermal hydrolysis	http://dx.doi.org/10.1016/j.biortech.2022.128250	CC BY-NC-ND 4.0	ELSEVIER
Settembre-Blundo, Davide	Environmental Science and Pollution Research Journal of Agricultural and Food Chemistry	Industry 4.0 real-world testing of dynamic organizational life cycle assessment (O-LCA) of a ceramic tile manufacturer	10.1007/s11356-022-20601-7	CC BY	SPRINGER
Sierra, Isabel	Journal of Agricultural and Food Chemistry	A new validated method for the determination of six opium alkaloids in poppy seed containing bakery products by high-performance liquid chromatography-tandem mass spectrometry after magnetic solid-phase extraction	10.1021/acs.jafc.2c01664	CC-BY	ACS
Sierra, Isabel	Journal of Agricultural and Food Chemistry	Quick and Green Microextraction of Pyrrolizidine Alkaloids from Infusions of Mallow, Calendula, and Hibiscus Flowers Using Ultrahigh-Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry Analysis	10.1021/acs.jafc.2c02186	CC-BY	ACS
Sierra, Isabel	Trends in Food Science & Technology	The concerning food safety issue of pyrrolizidine alkaloids: An overview	http://dx.doi.org/10.1016/j.tifs.2022.01.007	CC BY-NC-ND 4.0	ELSEVIER
Sierra, Isabel	Food Control Article Publishing Charge	Atropine and scopolamine occurrence in spices and fennel infusions	http://dx.doi.org/10.1016/j.foodcont.2022.109555	CC BY-NC-ND 4.0	ELSEVIER
Sierra, Isabel	Food Chemistry Article Publishing Charge	Green extraction approach based on μ SPEed [®] followed by HPLC-MS/MS for the determination of atropine and scopolamine in tea and herbal tea infusions	http://dx.doi.org/10.1016/j.foodchem.2022.133512	CC BY-NC-ND 4.0	ELSEVIER
Sierra, Isabel	Microchemical Journal Article Publishing Charge	Pulsed ultrasound-assisted extraction followed by purification with SBA-15 for the control of opium alkaloids in biscuits and sponge cakes	http://dx.doi.org/10.1016/j.microc.2022.108059	CC BY-NC-ND 4.0	ELSEVIER
Sierra, Isabel	Food Chemistry Article Publishing Charge	High throughput analytical approach based on μ QeChERS combined with UHPLC-PDA for analysis of bioactive secondary metabolites in edible flowers	http://dx.doi.org/10.1016/j.foodchem.2022.133371	CC BY-NC-ND 4.0	ELSEVIER

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AUTOR	Journal Title Text	TÍTULO ARTÍCULOS	Manuscript Doi Id	User license	EDITOR
Sierra, Isabel	Food Chemistry Article Publishing Charge	Miniaturized and modified QuEChERS method with mesostructured silica as clean-up sorbent for pyrrolizidine alkaloids determination in aromatic herbs	http://dx.doi.org/10.1016/j.foodchem.2022.132189	CC BY-NC-ND 4.0	ELSEVIER
Silva, Guillermo Andrés	The Extractive Industries and Society Article Publishing Charge	Measures of bad faith in Latin America: Governments and Multinational Extractive Companies 1982-2020	http://dx.doi.org/10.1016/j.exis.2021.101183	CC BY 4.0	ELSEVIER
Soguero-Ruiz, Cristina	Future Generation Computer Systems	Interpretable clinical time-series modeling with intelligent feature selection for early prediction of antimicrobial multidrug resistance	http://dx.doi.org/10.1016/j.future.2022.02.021	CC BY 4.0	ELSEVIER
Staffetti, Ernesto	Communications in Nonlinear Science and Numerical Simulation	Robust Optimal Control of Compartmental Models in Epidemiology: Application to the COVID-19 Pandemic	https://doi.org/10.1016/j.cnsns.2022.113002	CC BY-NC-ND 4.0	ELSEVIER
Trueba, José L.	Chaos, Solitons & Fractals Article Publishing Charge	The quest of null electromagnetics knots from Seifert fibration	http://dx.doi.org/10.1016/j.chaos.2022.113002	CC BY 4.0	ELSEVIER