

INVESTIGADORES	LÍNEA DE INVESTIGACIÓN	EQUIPO DE INVESTIGACIÓN	Título del trabajo	Título de la revista	ISSN	Volumen	Número	Página inicial-final	Año de Publicación	DOI	FI	JCR	TOP3	Posición	Categoría	Financiación
Arizmendi Jaca, Miguel (autor correspondencia)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Modelling of elliptical dimples generated by five-axis milling for surface texturing	INTERNATIONAL JOURNAL OF MACHINE TOOLS AND MANUFACTURE	0890-6955	137		79 - 95	2019	10.1016/j.ijmactools.2018.10.002	8,019	1º C	SI	(1/50)	ENGINEERING, MANUFACTURING	Spanish Government DPI2013-46164-C2-2-R
Insauti Sarasola, Xabier (autor de correspondencia); de Zárrega Rodríguez, Marta (autor 1/5); Gutierrez Gutierrez, Jesús (último autor 5/5)	Ingeniería Biomédica y Ciencias	Ingeniería Biomédica y Ciencias	Algorithm for the Optimal Design of a Fault-Tolerant Aircraft Power Transmission Network	IEEE TRANSACTIONS ON TRANSPORTATION ELECTRIFICATION	2332-7782	8	4	4219 - 4228	2022	10.1109/TTE.2022.3189442	6,519	1º C		0(37/276)	ENGINEERING, ELECTRICAL & ELECTRONIC	Basque Government, KK-2020/00044 ; Basque Government through the CODISAVA2 Project
Gil Nobajas, Jorge Juan (autor correspondencia)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Haptic performance using voltage-mode motor control	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	0278-0046	67	1	698 - 705	2020	10.1109/TIE.2019.2899552	8,236	1º C		0(2/64)	Instruments & Instrumentation	
Gil-Negrete Laborda, Nere (autor 3/4)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	XFEM rolling contact fatigue crack propagation in railways considering creepages on contact shear stresses	ENGINEERING FRACTURE MECHANICS	0013-7944	276		108896	2022	10.1016/j.engfracmech.	4,898	1º C		0(19/138)	Mechanics	Spanish Ministry of Science, Innovation and Universities; [RTC-2019-007438-4]
Solar Ruiz, Héctor (autor de correspondencia), Beriain Rodríguez, Andoni (autor 2/5), Rezola Garciandia, Ainhoa (autora 3/5), Del Río Orduña, David (autor 4/5), Berenguer Pérez, Roc (último autor)	Ingeniería Eléctrica y Electrónica	Ingeniería Eléctrica y Electrónica	A 22-m operation range semi-passive UHF RFID sensor tag with flexible thermoelectric energy harvester	IEEE SENSORS JOURNAL	1530-437X	22	20	19797 - 19808	2022	10.1109/JSEN.2022.23202634	4,325	1º C		0(4/64)	Instruments & Instrumentation	Spanish Ministry of Science and Innovation [PID2020-117251RB-C22]
Hernantes Apeztexea, Josune (autor 1/5); Labaka Zubietta, Leire (último autor 5/5)	Ciencia de Datos e IA / Organización Industrial	Ciencia de Datos e IA / Organización Industrial	Towards resilient cities: A maturity model for operationalizing resilience	CITIES	0264-2751	84		96 - 103	2019	10.1016/j.cities.2018.07.010	4,802	1º C	SI	(2/42)	Urban Studies	European Union [653569]
Ormazábal Goenaga, Marta (autor 2/4); Álvarez Sánchez-Arjona, María Jesús (autor 3/4); Jaca García, María del Carmen (autor de correspondencia 4/4)	Organización Industrial	Organización Industrial	Advancing Circular Economy performance indicators and their application in Spanish companies	JOURNAL OF CLEANER PRODUCTION	0959-6526	279		123605	2021	10.1016/j.jclepro.2020123605	11,072	1º C		0(24/279)	ENVIRONMENTAL SCIENCES	Provincial Council of Gipuzkoa, Spain
Ramos González, Juan Carlos (autor 2/5); Gómez-Acebo Temes, Tomás (autor 4/5)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Performance and feasibility assessment of a hybrid cooling system for office buildings based on heat dissipation panels	ENERGY	0360-5442	205			2020	10.1016/j.energy.20201117975	7,147	1º C	SI	(3/60)	Thermodynamics	Ministry of Foreign Affairs of the Israeli Government
López de Arancibia, Aitziber (autor 2/5); Rodríguez Flórez, Naiara (autor 4/5); Ruiz de Galarreta Moriones, Sergio (último autor 5/5)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Additively manufactured lattice structures with controlled transverse isotropy for orthopedic porous implants	COMPUTERS IN BIOLOGY AND MEDICINE	0010-4825	150		105761	2022	10.1016/j.compbiomed.2022105761	6,698	1º C		0(13/94)	Biology	
López Fidalgo, Jesús Fernando (autor correspondencia)	Ciencia de Datos e IA	Ciencia de Datos e IA	Optimal bioassay time allocations for multiple accidental chronic intakes of radioactive particles	STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT	1436-3240	33	3	905 - 914	2019	10.1007/s00477-019-01668-0	2,351	1º C		0(21/124)	Statistics & Probability(21/124)	Spanish Research Agency [MTM2016-80539-C2-R1]; fondos FEDER [MTM2016-80539-C2-R2]; Consejera de Educacin, Cultura y Deportes de Junta de Castilla y Len [SA080P17]; Consejera de Educacin, Cultura y Deportes of Junta de Comunidades de Castilla-La Mancha; Fondo Europeo de Desarrollo Regional [SBPLY/17/180501/000380]
Ochoa Álvarez, Idoia (autor 5/6)	Ciencia de Datos e IA / Ingeniería Eléctrica y Electrónica	Ingeniería Eléctrica y Electrónica	ENANO: Encoder for NANOpore FASTQ files	BIOINFORMATICS	1367-4803	36	16	4506 - 4507	2020	10.1093/bioinformatics/btaa551	6,937	1º C	SI	(3/58)	Mathematical & Computational Biology	CSICConsejo Superior de Investigaciones Científicas (CSIC); Universidad de la Republica; PEDECIBA; Chan Zuckerberg Initiative DAF [2018-182799]; University of Illinois at Urbana-Champaign
Planes Pedreño, Francisco Javier (autor 8/10)	Ciencia de Datos e IA / Ingeniería Biomédica y Ciencias	Ingeniería Biomédica y Ciencias	Gene expression derived from alternative promoters improves prognostic stratification in multiple myeloma	LEUKEMIA	0887-6924	35	10	3012 - 3016	2021	10.1038/s41375-021-01263-9	12,883	1º C		0(22/245)	Oncology	Instituto de Salud Carlos III (ISCIII)Instituto de Salud Carlos IIIEuropean Commission; FEDEREuropean Commission [P116/02024, P117/00701, P119/01352]; TRANSCAN EPICA [AC16/00041]; CIBERONC [CB16/12/00489]; Spanish Ministry of Economy, Industry and Competitiveness [RTHALMY SAF2017-92632-EXP]; Fundacio La Marato de TV3 [616/C/2019]; Departamento de Salud-Gobierno de Navarra [40/2016]; Fundacion Ramon Arcees (PREMAMM); Cancer Research UKCancer Research UK [C355/A26819]; FC AECC; AIRC under the Accelerator Award Program; Multiple Myeloma Research Foundation Networks of excellence 2017 Immunotherapy Program Grant Award; International Myeloma Foundation; Qatar National Research Fund [7-916-3-237]; Paula and Rodger Riney Foundation; PFIS award from Instituto de Salud Carlos III (ISCIII) [F117/00297]; FPU grant from Ministerio de Ciencia, Innovacion y Universidades, Gobierno de Espana [FPU17/02733]
Rubio Díaz-Cordovés, Ángel (autor de correspondencia 3/3)	Ciencia de Datos e IA / Ingeniería Biomédica y Ciencias	Ingeniería Biomédica y Ciencias	On the identifiability of the isoform deconvolution problem: application to select the proper fragment length in an RNA-seq library	BIOINFORMATICS	1367-4803	38	6	1491 - 1496	2022	10.1093/bioinformatics	6,931	1º C		0(5/57)	Mathematical & Computational Biology (5/57);	National Institutes of HealthUnited States Department of Health & Human ServicesNational Institutes of Health (NIH) - USA [R01HG007834, P50 HG007735]; Editor project (Cancer Research UK) [C355/A26819]; Editor project (AECC); Editor project (AIRC)Fondazione AIRC per la ricerca sul cancro
Sánchez Larraona, Gorka (autor 5/6); Grau Gumbau, Paloma (último autor 6/6)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Inclusion of shear rate effects in the kinetics of a discretized population balance model: Application to struvite precipitation	WATER RESEARCH	0043-1354	200		117242	2021	10.1016/j.watres.2021117242	13,4	1º C		0(15/279)	Environmental Sciences	Spanish Science and Innovation MinistrySpanish Government [PID2019108378RB-I00]; CaixaBankLa Caixa Foundation; RedNovedar [CTQ2016-81979-RED]; Department of Education of the Basque Government [PRE_2015_1_0465, PRE_2016_2_0104, PRE_2017_2_0255, PRE_2018_2_0128, EP_2018_1_0029]
Valderas Gázquez, Daniel (autor de correspondencia 1/9); Sancho Seuma, Juan Ignacio (autor 2/9)	Ingeniería Eléctrica y Electrónica	Ingeniería Eléctrica y Electrónica	Modeling the Impact on Wheel Sensor Readouts by Eddy Current Brakes Installed in High-Speed Trains	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	0018-9545	70	6	5592 - 5604	2021	10.1109/TVT.2021.3077381	6,239	1º C		0(38/276)	Engineering, Electrical & Electronic;	European CommissionEuropean CommissionEuropean Commission Joint Research Centre [314244]
Santos García, Javier (autor 2/4)	Organización Industrial	Organización Industrial	Measuring environmental performance of urban freight transport systems: A case study	SUSTAINABLE CITIES AND SOCIETY	2210-6707	52		101844	2020	10.1016/j.scs.2019101844	7,587	1º C		0(4/66)	CONSTRUCTION & BUILDING TECHNOLOGY	European Union, through the LIFE programme , LIFE15 ENV/ES/000379
Viles Diez, Elizabeth (autor de correspondencia 1/4)	Ciencia de Datos e IA / Organización Industrial	Ciencia de Datos e IA / Organización Industrial	Production ramp-up in European automotive production systems: a performance analysis	PRODUCTION PLANNING AND CONTROL	0953-7287	32	1	34 - 51	2021	10.1080/09537287.20201711980	6,846	1º C		0(14/87)	OPERATIONS RESEARCH & MANAGEMENT SCIENCE	

de Miguel, Gorka (autor de correspondencia 1/6); Arrizabalaga, Saloa (autor 4/6); Mendizabal, Jaizki (autor 5/6); Adin, Inigo (último autor 6/6)	Ingeniería Eléctrica y Electrónica	Ingeniería Eléctrica y Electrónica	Map-Aided Software Enhancement for Autonomous GNSS Complementary Positioning System for Railway	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	0018-9545	68	12	11611 - 11620	2019	10.1109/TVT.2019.2940621	5,379	1º C	0	34/266	ENGINEERING, ELECTRICAL & ELECTRONIC	SIA project as part of the European H2020 framework of projects, funded by European Commission (EC) and managed by European GNSS Agency (GSA), under contract number 776402.	
Galarza, Ainhoa (autor 2/4)	Ingeniería Eléctrica y Electrónica	Ingeniería Eléctrica y Electrónica	Using deep learning and meteorological parameters to forecast the photovoltaic generators intra-hour output power interval for smart grid control	ENERGY	0360-5442	239		122116	2022	10.1016/j.energy.2021.122116	8,9	1º C	SI	3/67	THERMODYNAMICS	Basque Government's Department of Education for financial support through the Researcher Formation Programme; grant number PRE_2020_2_0038. The authors would like to thank Fundacion Caja Navarra, ObraSocial La Caixa and University of Navarra for financial support through the Mobility Research Formation Programme; grant number MOVIL-2019-25.	
Etkezarreta Martinez, Josu (autor de correspondencia); Crespo, Pedro (autor 3/4);	Ingeniería Biomédica y Ciencias	Ingeniería Biomédica y Ciencias	Time-varying quantum channel models for superconducting qubits	NPJ QUANTUM INFORMATION		7	1	115	2021	10.1038/s41534-021-00448-5	10,758	1º C	SI	1/19	QUANTUM SCIENCE & TECHNOLOGY	Spanish Ministry of Economy and Competitiveness through the ADELE project (PID2019-104958RB-C44). This work has been funded in part by NSF Award CCF-2007689. J.E.M. is funded by the Basque Government predoctoral research grant.	
Martin, J. M. (autor 3/5); Martinez-Iturralde, M. (autor 4/5); Elosegui, I. (último autor 5/5)	Ingeniería Biomédica y Ciencias	Ingeniería Biomédica y Ciencias	Novel composition of Nd-Fe-B gas atomized powder to produce compression bonded magnets	ADVANCED POWDER TECHNOLOGY	0921-8831	34	11	104225	2023	10.1016/j.appt.2023.104225	5,2	1º C		0	31/142	ENGINEERING, CHEMICAL	Orona S. Coop. [F20025318]
Aldazabal, Javier (autor 2/4); Vallejo-Illarramendi, Ainara (autor 3/4); Paredes, Jacobo (autor de correspondencia y último autor 4/4))	Ingeniería Biomédica y Ciencias	Ingeniería Biomédica y Ciencias	Contractile force assessment methods for in vitro skeletal muscle tissues	ELIFE	2050-084X	11		e77204	2022	10.7554/eLife.77204	7,7	1º C		0	7/92	BIOLOGY	Basque Government Department of Health 2021333020; Diputacion Foral de Gipuzkoa ; Ministerio de Ciencia e Innovacion PID2020-119780RB-I00
Arizti, Fernando (autor 1/3); Martinez-de-Guerenu, Ane (autor de correspondencia y último autor 3/3)	Ingeniería Eléctrica y Electrónica	Ingeniería Eléctrica y Electrónica	Analysis of the voltage drop across the excitation coil for magnetic characterization of skin passed steel samples	MEASUREMENT	0263-2241	174		109000	2021	10.1016/j.measurement.2021.109000	5,6	1º C		0	11/64	INSTRUMENTS & INSTRUMENTATION	RFSR-CT-2013-00031 of the European Union's Research Fund for Coal and Steel (RFCS); v
Diaz, Inaki (autor de correspondencia 1/5); Juan Gil, Jorge (último autor 5/5)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Modular and Flexible On-Ground Test Bench for Aircraft Electromechanical Actuators	IEEE AEROSPACE AND ELECTRONIC SYSTEMS MAGAZINE	0885-8985	37		37	2022	10.1109/MAES.2021.3130019	3,6	1º C		0	6/34	ENGINEERING, AEROSPACE	Clean Sky 2 Joint Undertaking (JU) under Grant 738110. The JU was supported in part by the European Union's Horizon 2020 Research and Innovation Programme and in part by the Clean Sky 2 JU members other than the Union.
Arizmendi, M. (autor de correspondencia 2/4); Jimenez, A. (autor 3/4)	Ingeniería Mecánica y Materiales	Ingeniería Mecánica y Materiales	Analytical thermal model of orthogonal cutting process for predicting the temperature of the cutting tool with temperature-dependent thermal conductivity	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	0020-7403	204		204	2021	10.1016/j.ijmecsci.2021.106524	6,772	1º C		0	7/138	MECHANICS	Basque Government project KK2018/00096