

DR 344/2025 notice 'Open Access Awards: call for applications for contributions to the open access publication of research articles of young researchers to strengthen their professional careers and enhance the research system of the University of Cagliari.'

DEPARTMENT	RESEARCHERS	PAPER	JOURNAL	ISSN	URL	CONTRIBUTIONS	DOI
Department of Civil, Environmental Engineering and Architecture	R2	Enhancing Carbon Fiber Composites with Fish Scale Biochar for Superior Strength and Environmental Sustainability	Cleaner Engineering and Technology	2666-7908	<a href="https://www.sciencedirect.com/journal/cleaner-engineering-and-technology">https://www.sciencedirect.com/journal/cleaner-engineering-and-technology</a>	1.952,00 €	<a href="https://doi.org/10.1016/j.clet.2025.100996">https://doi.org/10.1016/j.clet.2025.100996</a>
Department of Civil, Environmental Engineering and Architecture	R1	Mechanical Analysis of Sustainable Flax Fiber Composites	Discover Materials	2730-7727	<a href="https://link.springer.com/journal/43939">https://link.springer.com/journal/43939</a>	1.518,90 €	<a href="https://doi.org/10.1007/s43939-025-00373-w">https://doi.org/10.1007/s43939-025-00373-w</a>
Department of Civil, Environmental Engineering and Architecture	R2	A Cross-cultural Study to Identify Social Behaviours of Pedestrians in Urban Public Squares: Evidence from Iran, Spain, Italy, and Australia	Scientific Reports	2045-2322	<a href="https://www.nature.com/srep/">https://www.nature.com/srep/</a>	2.500,00 €	<a href="https://doi.org/10.1038/s41598-025-16421-7">https://doi.org/10.1038/s41598-025-16421-7</a>
Department of Electrical and Electronic Engineering	R3	Performance of Functionalized CNT Membranes for Desalination - Parametric effects and Artificial Neural Network modelling	Cleaner Engineering and Technology	2666-7908	<a href="https://www.sciencedirect.com/journal/cleaner-engineering-and-technology">https://www.sciencedirect.com/journal/cleaner-engineering-and-technology</a>	1.952,00 €	<a href="https://doi.org/10.1016/j.clet.2025.100977">https://doi.org/10.1016/j.clet.2025.100977</a>
Department of Mechanical, Chemical and Materials Engineering	R3	Sustainable clay-based materials stabilised by low-temperature treatments: Salt degradation and chemomechanical approach	Results in Engineering	2590-1230	<a href="https://www.sciencedirect.com/journal/results-in-engineering">https://www.sciencedirect.com/journal/results-in-engineering</a>	2.061,80 €	<a href="https://doi.org/10.1016/j.rineng.2025.106222">https://doi.org/10.1016/j.rineng.2025.106222</a>
Department of Humanities, Languages and Cultural Heritage	R3	Dao in Transition: Comparative Reflections on Laozi's Italian Translations in the Interwar Period	Religions	2077-1444	<a href="https://www.mdpi.com/journal/religion">https://www.mdpi.com/journal/religion</a>	1.898,27 €	<a href="https://doi.org/10.3390/rel16080983">https://doi.org/10.3390/rel16080983</a>
Department of Mathematics and Informatics	R2	Business and Pricing Models for District Heating and Cooling: a Review	Energy Reports	2352-4847	<a href="https://www.sciencedirect.com/journal/energy-reports">https://www.sciencedirect.com/journal/energy-reports</a>	2.500,00 €	<a href="https://doi.org/10.1016/j.egyr.2025.06.049">https://doi.org/10.1016/j.egyr.2025.06.049</a>
Department of Mathematics and Informatics	R2	Lightweight Semantic Similarity Search of Data Products	IEEE Access	2169-3536	<a href="https://ieeaccess.ieee.org/">https://ieeaccess.ieee.org/</a>	2.178,20 €	<a href="https://doi.org/10.1109/ACCESS.2025.3622752">https://doi.org/10.1109/ACCESS.2025.3622752</a>
Department of Biomedical Sciences	R1	Olfactory threshold and perception intensity of fatty acids in relation to sex.	Foods	23048158	<a href="https://www.mdpi.com/journal/foods">https://www.mdpi.com/journal/foods</a>	2.422,87 €	<a href="https://doi.org/10.3390/foods14162777">https://doi.org/10.3390/foods14162777</a>
Department of Biomedical Sciences	R1	A multi-dimensional study on taste deficits, $\alpha$ -synuclein genetic profiling, and Supervised Learning for diagnosis and disease severity stratification in Parkinson's disease (PD)	Neurobiology of Disease	1095-953X	<a href="https://www.sciencedirect.com/journal/neurobiology">https://www.sciencedirect.com/journal/neurobiology</a>	2.500,00 €	<a href="https://doi.org/10.1016/j.nbd.2025.107172">https://doi.org/10.1016/j.nbd.2025.107172</a>
Department of Biomedical Sciences	R3	The metabolomic profile of psoriatic arthritis patients unveils the unbalance of disease-related molecules and pathways	Scientific Reports	2045-2322	<a href="https://www.nature.com/scientific-reports/">Scientific Reports</a>	2.500,00 €	<a href="https://doi.org/10.1038/s41598-025-34101-4">https://doi.org/10.1038/s41598-025-34101-4</a>
Department of Chemical and Geological Sciences	R1	Chemical reactivity of zeolitized volcanic waste materials from Sardinian quarries in the production of ecofriendly pozzolanic mortars for their sustainable recovery	Case Studies in Construction Materials	22145095	<a href="https://www.sciencedirect.com/journal/case-studies-in-construction-materials">https://www.sciencedirect.com/journal/case-studies-in-construction-materials</a>	2.500,00 €	<a href="https://doi.org/10.1016/j.cscm.2025.e05288">https://doi.org/10.1016/j.cscm.2025.e05288</a>
Department of Medical Sciences and Public Health	R1	Is there a relationship between the route of HIV transmission and cognitive performance in older individuals living with HIV?	Archives of Public Health	2049-3258	<a href="https://archpublichealth.biomedcentral.com/">https://archpublichealth.biomedcentral.com/</a>	2.500,00 €	<a href="https://doi.org/10.1186/s13690-025-01657-6">https://doi.org/10.1186/s13690-025-01657-6</a>
Department of Medical Sciences and Public Health	R1	Effectiveness of educational interventions in general practice for improving medication appropriateness and deprescribing in older adults: a systematic review protocol	BMJ Open	2044-6055	<a href="https://bmjopen.bmj.com/">https://bmjopen.bmj.com/</a>	2.500,00 €	<a href="https://doi.org/10.10748/full.pdf">e107428.full.pdf</a>
Department of Medical Sciences and Public Health	R1	Physicians shortage in primary care: a protocol for updating a systematic review of recruitment and retention strategies	F1000Research	2046-1402	<a href="https://f1000research.com/">https://f1000research.com/</a>	1.240,84 €	<a href="https://doi.org/10.12688/f1000research.174754.1">https://doi.org/10.12688/f1000research.174754.1</a>
Department of Medical Sciences and Public Health	R3	The importance of identifying new and putative target antigens associated with membranous nephropathy: evidence from a Sardinian cohort.	Clinical Kidney Journal	2048-8513	<a href="https://academic.oup.com/ckj">https://academic.oup.com/ckj</a>	2.500,00 €	<a href="https://academic.oup.com/ckj/article/18/7/sfaf115/8116289">https://academic.oup.com/ckj/article/18/7/sfaf115/8116289</a>
Department of Life and Environmental Sciences	R2	Enhanced Bioavailability of a Thionated IMiD Derivative Nanosuspension for Parkinson's Disease Targeting $\alpha$ -Synuclein	International Journal of Nanomedicine	1178-2013	<a href="https://www.dovepress.com/international-journal-of-nanomedicine-journal">https://www.dovepress.com/international-journal-of-nanomedicine-journal</a>	2.500,00 €	<a href="https://doi.org/10.2147/IJN.S543652">DOI: 10.2147/IJN.S543652</a>
Department of Life and Environmental Sciences	R3	Characterizing the Norway lobster <i>Nephrops norvegicus</i> (L., Homarida: Decapoda) maturity of males in the Mediterranean Sea: physiological and functional aspects	Animals	2076-2615	<a href="https://www.mdpi.com/journal/animals">https://www.mdpi.com/journal/animals</a>	2.500,00 €	<a href="https://doi.org/10.3390/ani15233478">https://doi.org/10.3390/ani15233478</a>
Department of Life and Environmental Sciences	R1	Non-linear association between phase angle and body fat	Biology (MDPI)	2079-7737	<a href="https://www.mdpi.com/journal/biology">https://www.mdpi.com/journal/biology</a>	2.500,00 €	<a href="https://doi.org/10.3390/biology14111621">https://doi.org/10.3390/biology14111621</a>
Department of Surgical Sciences	R1	Could the estrobolome have a role in endometriosis pathogenesis and infertility? A systematic review	BMC Women's Health	1472-6874	<a href="https://bmcwomenshealth.biomedcentral.com">https://bmcwomenshealth.biomedcentral.com</a>	2.490,00 €	<a href="https://doi.org/10.1186/s12905-025-04195-z">https://doi.org/10.1186/s12905-025-04195-z</a>
Department of Physics	R3	Coherent phonon transport in 2D layered Cu <sub>3</sub> BHT metal organic frameworks	Scientific Reports	2045-2322	<a href="https://www.nature.com/srep/">https://www.nature.com/srep/</a>	2.390,00 €	<a href="https://doi.org/10.21203/rs.3.rs-7252537/v1">https://doi.org/10.21203/rs.3.rs-7252537/v1</a>