

Aguiar MF, Guzzo D, Costa JMH da, Pigosso DCA. **Navigating the double edge of product-service systems: user behavior, adoption, and rebound effects** [Internet]. Business Strategy and the Environment. 2026 ; 1-16. Available from: <http://dx.doi.org/10.1002/bse.70679>

Alejandro Cerdán JM, Kodama TK, Oliveira GHD, Fuess LT, Andrade JFC, Ometto AR. **Conversion of municipal biowaste into value-added products toward a circular bioeconomy: bridging the gap between laboratory-scale and full-scale implementation** [Internet]. Clean Technologies and Environmental Policy. 2026 ; 28 1-36. Available from: <http://dx.doi.org/10.1007/s10098-026-03419-6>

Amorim MLM, Ando Junior OH, Gazziro M, Carmo JPP do. **Nexus: a modular open-source multichannel data logger — architecture and proof of concept** [Internet]. Automation. 2026 ; 7 1-34. Available from: <https://dx.doi.org/10.3390/automation7010025>

Araujo GP, Marques FD, Lacarbonara W. **Multiple rotary nonlinear energy sinks for vibration control of flexible beams [Internet]. Mechanical Systems and Signal Processing.** 2026 ; 250 1-22. Available from: <http://dx.doi.org/10.1016/j.ymssp.2026.114099>

Barbosa FA da S, Figueiredo AD de, Serafini R, Carrazedo R, Bitencourt Júnior LAG. **Analytical and numerical investigation of deflections in UHPFRC beams under four-point bending** [Internet]. Revista IBRACON de Estruturas e Materiais. 2025 ; 18(6): 1-16. Available from: <http://dx.doi.org/10.1590/S1983-41952025000600006>

Bruno DM, Faye BHN, Jasinevicius RG. **Ultraprecision diamond turning of mechanically modified Al-Mg alloy for diffraction optical elements** [Internet]. International Journal of Advanced Manufacturing Technology. 2026 ; 143 5023-5040. Available from: <http://dx.doi.org/10.1007/s00170-025-17325-6>

Cândido ICM, Facure MHM, Corrêa DS, Carrilho E, Lima JJI de, Barud H da S, Oliveira HP de. **Electrodes of Ti3C2Tx MXene-modified cotton fabrics for wearable triboelectric nanogenerators** [Internet]. Journal of Materials Science: Materials in Electronics. 2026 ; 37 art. 406 (1-13). Available from: <https://doi.org/10.1007/s10854-026-16790-3>

Donatoni MM, Bezerra JIM, Hernandez Cely MM, Foresti BP, Hernandez Rodriguez OM, Oliveira LPR de. **Feature-DTW and mel-spectrogram-based sensor fusion: a framework for leak detection and classification in water distribution systems** [Internet]. Journal of Water Processing Engineering. 2026 ; 84 1-15. Available from: <https://dx.doi.org/10.1016/j.jwpe.2026.109751>

Fraga A de PC, Roquetti DR, Andrade JAAD de, Moreira LPS, Machini MLF, Monzoni Neto MP, Wicher NLH. **The role of sociocultural valuation of cultural ecosystem services in socio-environmental disaster reparation processes** [Internet]. In: The Routledge Handbook of Cultural Ecosystem Services. London, UK: Escola de Engenharia de São Carlos, Universidade de São Paulo; 2025. Available from: <http://dx.doi.org/10.4324/9781003414896-33>

Gama GS, Grassi Júnior V. **Uniform loss versus specialized optimization: a comparative analysis in multi-task learning** [Internet]. IEEE Access. 2026 ; 14 44079-44094. Available from: <https://dx.doi.org/10.1109/ACCESS.2026.3676354>

Geronel RS, Oliveira GC de, Silva MM da. **Dual-loop control strategies for vibration attenuation of a flexible parallel manipulator** [Internet]. Journal of Vibration and Control. 2026 ; 32(5-6): 1007-1019. Available from: <http://dx.doi.org/10.1177/10775463241307702>

- Gouesbet G, Ambrosio LA. **On subluminal laser light propagation in free space: the case of Bessel–Gauss beams** [Internet]. Journal of Quantitative Spectroscopy & Radiative Transfer. 2026 ; 354 1-11. Available from: <http://dx.doi.org/10.1016/j.jqsrt.2026.109858>
- Hernandez Mesa RS, Bandarra Filho EP, Cabezas Gómez L. **Computational analysis of a transcritical CO2 refrigeration cycle with and without an ejector** [Internet]. Results in Engineering. 2026 ; 29 1-24. Available from: <https://dx.doi.org/10.1016/j.rineng.2026.109692>
- Keel L, Oliveira VA de, Moore KL, Teixeira MCM. **A tribute to Professor Shankar Prasad Bhattacharyya** [Internet]. Journal of Control, Automation and Electrical Systems. 2026 ; 37 205-211. Available from: <http://dx.doi.org/10.1007/s40313-026-01255-z>
- Monson PM de C, Conceição Junior P de O, Rodrigues AR, Dotto FRL. **Computer vision-based deep learning approach for automated delamination detection and classification in carbon fiber-reinforced polymer composites** [Internet]. Procedia CIRP. 2026 ; 138 1021-1024. Available from: <http://dx.doi.org/10.1016/j.procir.2026.01.176>
- Orieschnig C, Adla S, Kwok PC, Srivastava S, Morovati K, Howard BC, Octavianti T, Uchôa JGSM, Zheng D, Mazzoglio P, Panchanathan A, Széles B, Koren G, Papacharalampous GA, Pradhananga D, Soulis K, Choukrani H, Dakhlaoui H, Elçi A, Xinyang F, Khatami S, Mendiondo EM, Payne T, Rahmati M, Roy T, Skinner C, Teutschbein C, Yonaba R, Adyel TM, Aguirre I, Aslam H, Ganapathy A, Jain J, Nkwasa A, O'Loughlin F, Pechlivanidis I, Pizarro A, Sharma A, Tyralis H, Vora S, Adla S, Bertola M, Boico V, Ceperley N, Dewals B, Heinle M, Jessen S, Kaisalgruber F, Lakhwan N, Lateef MB, Mishra A, Ojera P, Ovcharuk V, Singh A, Wadhwa A, Acharya SC, Alexandri S, Carranza ER, Cavus Y, Dogulu N, Faty A, Jorquera J, Rane V, Zappa M. **Effective science communication in the face of water crises: a community perspective on challenges and best practice in HELPING** [Internet]. Hydrological Sciences Journal. 2026 ; 1-18.[citado 2026 abr. 17] Available from: <http://dx.doi.org/10.1080/02626667.2026.2625282>
- Parra HG, Guacaneme JA, Gaona EE, Cerón Muñoz HD. **Experimental and spectral analysis of the wake velocity effect in a 3D falcon prototype with oscillating feathers and its application in HAWT with biomimetic vortex generators using CFD** [Internet]. Biomimetics. 2025 ; 10 1-20. Available from: <https://dx.doi.org/10.3390/biomimetics10090622>
- Peixoto MGM, Melo GA de, Mendonça MCA, Musetti MA, Serrano ALM, Iovanna DE de, Pereira M de S, Nogueira TH, Dias FGG. **Multivariate performance indices in federal university hospitals: an exploratory analysis using principal component analysis** [Internet]. International Journal of Health Care quality Assurance. 2026 ; 1-28 Available from: <http://dx.doi.org/10.1108/IJHCQA-10-2025-0156>
- Peixoto MGM, Melo GA de, Mendonça MCA, Musetti MA, Serrano ALM, Iovanna DE de, Pereira M de S, Nogueira TH, Dias FGG. **Multivariate performance indices in federal university hospitals: an exploratory analysis using principal component analysis** [Internet]. International Journal of Health Care quality Assurance. 2026 ; 1-28 Available from: <http://dx.doi.org/10.1108/IJHCQA-10-2025-0156>
- Reichert TA, Balestra CET, Pansera WA, Carrazedo R. **Fick's law as a custom kernel in support vector regression: how to fully represent chloride concentration profiles in concrete structures** [Internet]. Journal of Building Engineering. 2026 ; 121 1-28. Available from: <https://dx.doi.org/10.1016/j.jobbe.2026.115691>
- Reis ED, Morais CAG de, Lahr FAR, Christoforo AL, Bertolini M da S. **Eco-friendly acoustic particleboards: blend of wood, tire rubber, and bio-based polyurethane** [Internet]. Journal of Materials in Civil Engineering. 2026 ; 38(5): 1-19.[citado 2026 abr. 17] Available from: <http://dx.doi.org/10.1061/JMCEE7.MTENG-21168>
- Rodriguez Lara DV, Silva ANR da, Sadarangani KP, Mindell JS, Anciaes P. **Exploring perceptions of the barrier effect and their associations with travel mode choice and interactions with neighbours in Santiago, Chile** [Internet]. Journal of Transport & Health. 2026 ; 49 1-15. Available from: <https://dx.doi.org/10.1016/j.jth.2026.102292>

Rossi FL, Boz E, Nagano MS. **An effective iterated greedy heuristic for the flow shop scheduling with heterogeneous workers** [Internet]. International Journal of Industrial Engineering Computations. 2026 ; 17 709-720. Available from: <http://dx.doi.org/10.5267/j.ijiec.2026.2.001>

Ruiz Diaz CM, Álvarez Pacheco CE, Bochio G, Postal AT, Hernandez Rodriguez OM. **Experimental study on holdup and pseudo-slug flow pattern in horizontal and slightly inclined dense-gas/liquid flow** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2026 ; 48 1-16. Available from: <http://dx.doi.org/10.1007/s40430-025-06289-z>

Santos LGP dos, Marques FD. **Bending pre-curvature effects on flutter behavior of very flexible aircraft** [Internet]. Journal of Fluids and Structures. 2026 ; 143 1-16. Available from: <https://dx.doi.org/10.1016/j.jfluidstructs.2026.104549>

Santos MGC, Silva JL da, Silverio G da S, Sanchez Ramirez BR. **Probabilistic framework for characterising analytical model uncertainty in geosynthetic-reinforced soil walls** [Internet]. Soils and Rocks. 2026 ; 49(3): 1-9. Available from: <http://dx.doi.org/10.28927/SR.2026.014725>

Sousa AMD de, Lantsoght EOL, Setiawan A, El Debs MK. **Failure mechanism and resistance predictions for one-way slabs in transition between shear and punching coupling linear elastic finite element analyses with critical shear crack theory-based models** [Internet]. Structural Concrete. 2026 ; 1-29. Available from: <http://dx.doi.org/10.1002/suco.70546>

Sousa MR de, Mendiondo EM, Gomes Junior MN. **Hydrological-hydrodynamic modeling of climate-induced urban flooding of design storms using HydroPol2D: a case study in São Carlos, Brazil** [Internet]. Revista Brasileira de Recursos Hídricos - RBRH. 2026 ; 31 1-31. Available from: <https://dx.doi.org/10.1590/2318-0331.312620250090>



Março de 2026.