



José Carlos Meireles Monteiro Metrôlho 0000-0002-7327-2109 • 4B17-3AF4-7DD4
INSTITUTO POLITÉCNICO DE CASTELO BRANCO

PRODUÇÃO CIENTÍFICA

abrir todos

Livros & Capítulos de Livro de Edição Internacional

Não foram encontrados artigos.

Livros & Capítulos de Livro de Edição Nacional

Não foram encontrados artigos.

Artigos em Revistas Indexadas | Scopus e/ou WoS

Francisco, M., Ribeiro, F., Metrôlho, J., Dionísio, R. (2023). Algorithms and Models for Automatic Detection and Classification of Diseases and Pests in Agricultural Crops: A Systematic Review. Applied Sciences, 13(8), 4720. <https://doi.org/10.3390/app13084720>

Fonseca, L., Ribeiro, F., Metrôlho, J. (2023). Pressure-Based Posture Classification Methods and Algorithms: A Systematic Review. Computers, 12(5), 104. <https://doi.org/10.3390/computers12050104>

Amini, M. M., Devin, M. G. F., Alves, P., Sheikholeslami, D. F., Hariri, F., Dionísio, R., Faghihi, M., et al. (2023). A Novel Elastic Sensor Sheet for Pressure Injury Monitoring: Design, Integration, and Performance Analysis. Electronics, 12(17), 3655. <https://doi.org/10.3390/electronics12173655>

Fonseca, L., Ribeiro, F., Metrôlho, J., Santos, A., Dionísio, R., Amini, M. M., Silva, A. F., et al. (2023). PoPu-Data: A Multilayered, Simultaneously Collected Lying Position Dataset. Data, 8(7), 120. <https://doi.org/10.3390/data8070120>

Metrôlho, J., Ribeiro, F., Graça, P., Mourato, A., Figueiredo, D., Vilarinho, H. (2022). Aligning Software Engineering Teaching Strategies and Practices with Industrial Needs. Computation, 10(8), 129. <https://doi.org/10.3390/computation10080129>

Dionísio, R., Ribeiro, F., Metrôlho, J. (2022). Radio Interference of Wireless Networks and the Impact of AR/VR Applications in Industrial Environments. Electronics, 12(1), 67. <https://doi.org/10.3390/electronics12010067>

Fonseca, L., Ribeiro, F., Metrôlho, J. (2022). Lying-People Pressure-Map Datasets: A Systematic Review.

Data, 8(1), 12. <https://doi.org/10.3390/data8010012>

Silva, A., Metrôlho, J. C., Ribeiro, F., Fidalgo, F., Santos, O., Dionísio, R. (2022). A Review of Intelligent Sensor-Based Systems for Pressure Ulcer Prevention. *Computers*, 11(1), 6. <https://doi.org/10.3390/computers11010006>

Ribeiro, F., Fidalgo, F., Silva, A., Metrôlho, J. C., Santos, O., Dionísio, R. (2021). Literature Review of Machine-Learning Algorithms for Pressure Ulcer Prevention: Challenges and Opportunities. *Informatics*, 8(4), 76. <https://doi.org/10.3390/informatics8040076>

Ribeiro, F. R., Silva, A., Silva, A. P., Metrôlho, J. (2021). Literature review of location-based mobile games in education: Challenges, impacts and opportunities. *Informatics*, 8(3), 43. <https://doi.org/10.3390/informatics8030043>

Ribeiro, F. R., Silva, A., Barbosa, F., Silva, A. P., Metrôlho, J. C. (2018). Mobile applications for accessible tourism: overview, challenges and a proposed platform. *Information Technology and Tourism*, 19(1-4), 29-59.

Ribeiro, F. R., Silva, A., Metrôlho, J. C., Silva, A. P., Barbosa, F. S. (2018). A new framework for accessible tourism mobile application development. *International Journal of Mobile Computing and Multimedia Communications*, 9(2), 31-46. DOI: [10.4018/IJMCMC.2018040103](https://doi.org/10.4018/IJMCMC.2018040103)

Artigos em Revistas

Metrôlho, J., Ribeiro, F., Batista, R., Graça, P., Pacheco, D. (2023). Preparing students for the software industry new demands. *International Journal on Advances in Software*, 16(1-2), 71-81.

Chappara, M., Ribeiro, F., & Metrôlho, J. (2023). Underage citizens monitoring applications – A review of the state of the art and guidelines for future implementations. *International Journal of Engineering Science Technologies*, 7(4), 1-18. <https://doi.org/10.29121/ijoeest.v7.i4.2023.524>

Metrôlho, J., Ribeiro, F. (2019). Holistic analysis of the effectiveness of a software engineering teaching approach. *International Journal on Advances in Software*, 12(1-2), 46-55.



PROJETOS

POCH-04-5312-FSE-000009 [TRACE IPCB9] Transferência de Conhecimento e Empregabilidade do Instituto politécnico de Castelo Branco | Skills 4 pós-COVID – Competências para o futuro no Ensino Superior”

CENTRO-01-0247-FEDER-070107 • [SENSOMATT] a prototype solution for monitoring, predicting, and preventing pressure ulcers

VeraTech • Integração sensores e Business Intelligence em amendoal na Beira Interior2023

Projetos internos

PIDI/CISeD/2024/015 • [IPLOT] TIC NA PROMOÇÃO DO DESENVOLVIMENTO TURÍSTICO EM TERRITÓRIOS DE BAIXA DENSIDADE