

Rogério Pais Dionísio 0000-0002-6810-2447 • 2F1A-414F-368B
INSTITUTO POLITÉCNICO DE CASTELO BRANCO

PRODUÇÃO CIENTÍFICA

abrir todos

Livros & Capítulos de Livro de Edição Internacional

Dionísio, R. (2022). Bragg Grating Tuning Techniques for Interferometry Applications. In M. Bhowmick (Ed.), Optical Interferometry. DOI: [10.5772/intechopen.106735](https://doi.org/10.5772/intechopen.106735)

Rubio, E. M., Torres, P. M., Dionísio, R. P. (2019). Smart gateways for IOT-Factory integration: trends and use case. In Ferreira, L., et al., (Ed.), Technological developments in industry 4.0 for business applications (pp. 149-170). Hershey, PA: IGI Global. ISBN 9781522549369.

Livros & Capítulos de Livro de Edição Nacional

No posts found.

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>

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>

Vuckovic, T., Stefanovic, D., Lalic, D. C., Dionísio, R., Oliveira, Â., Przulj, D. (2023). The Extended Information Systems Success Measurement Model: e-Learning Perspective. Applied Sciences, 13(5), 3258. <https://doi.org/10.3390/app13053258>

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>

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>

Lolic, T., Stefanovic, D., Dionísio, R., Marjanovic, U., Havzi, S. (2021). Assessing engineering students' acceptance of an e-learning system: A longitudinal study. *International Journal of Engineering Education*, 37(3), 785-796.

Dionísio, R., Torres, P., Ramalho, A., Ferreira, R. (2021). Magnetoresistive Sensors and Piezoresistive Accelerometers for Vibration Measurements: A Comparative Study. *Journal of Sensor and Actuator Networks*, 10(1), 22. <https://doi.org/10.3390/jsan10010022>

Spencer, G., Mateus, F., Torres, P., Dionísio, R., Martins, R. (2021). Design of CAN Bus Communication Interfaces for Forestry Machines. *Computers*, 10(11), 144. <https://doi.org/10.3390/computers10110144>

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>

Dionísio, R., Malhao, S., Torres, P. (2020). Development of a Smart Gateway for a Label Loom Machine using Industrial IoT Technologies. *International Journal of Online and Biomedical Engineering (ijOE)*, 16(04), 6-14. <https://doi.org/10.3991/ijoe.v16i04.11853>

Rubio, E. M., Dionísio, R. P., Torres, P. M. B. (2018). Predictive maintenance of induction motors in the context of industry 4.0. *International Journal of Mechatronics and Applied Mechanics*, 4, 238-242.
Retrieved from
https://ijomam.com/wp-content/uploads/2018/11/pag.-238-242_PREDICTIVE-MAINTENANCE-OF-INDUCTION-MOTORS-IN-THE-CONTEXT-OF-INDUSTRY-4.0.pdf

Artigos em Revistas

No posts found.

PROJETOS

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

POCI-01-0247-FEDER-048183 [SMARTCUT] Diagnóstico e Manutenção Remota e Simuladores para Formação de operação e manutenção de Máquinas Florestais

Projetos internos

No posts found.