

Ciência_Iscte

Public Profile

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João Cordeiro



Teaching Activities				
Teaching Year	Sem.	Course Name	Degree(s)	Coord
2025/2026	2°	Advanced Topics in Deep Learning	Post Graduation Program in Applied Machine Learning;	No
2025/2026	1°	Deep Learning Fundamentals	Post Graduation Program in Applied Machine Learning;	No
2023/2024	2°	Algorithm Design and Analysis	Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering;	No
2023/2024	2°	Computing for Economics and Business	Institutional Degree in Escola de Tecnologias e Arquitetura;	No
2023/2024	1°	Introduction to Data Science	Institutional Degree in Escola de Tecnologias e Arquitetura;	No
2023/2024	1°	Data in Science, Bussiness and Society	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	No
2022/2023	2°	Algorithm Design and Analysis	Bachelor Degree in Computer Engineering;	No
2022/2023	2°	Computing for Economics and Business	Institutional Degree in Escola de Tecnologias e Arquitetura;	No

Total Citations		
Web of Science®	57	
Scopus	77	

Publications

• Scientific Journals

- Scientific journal paper

1	Mascarenhas, M., Mota, J., Cordeiro, J. R., Mendes, F., Martins, M., Cardoso, PSantander, C. (N/A). Artificial intelligence driven diagnosis of motility patterns in high-resolution esophageal manometry: A multicentric multidevice study. Clinical and Translational Gastroenterology. N/A
2	Mascarenhas, M., Mendes, F., Mota, J., Ribeiro, T., Cardoso, P., Martins, MSantander, C. (2025). Artificial intelligence as a transforming factor in motility disorders–automatic detection of motility patterns in high-resolution anorectal manometry. Scientific Reports. 15 (1) - Times Cited Web of Science®: 1 - Times Cited Scopus: 1
3	Cordeiro, J., Mosca, S., Correia-Costa, A., Ferreira, C., Pimenta, J., Correia-Costa, LPostolache, O. (2023). The association between childhood obesity and cardiovascular changes in 10 years using special data science analysis. Children. 10 (10) - Times Cited Web of Science®: 2 - Times Cited Google Scholar: 4
4	Cordeiro, J., Raimundo, A., Postolache, O. & Sebastião, P. (2021). Neural architecture search for 1D CNNs - Different approaches tests and measurements. Sensors. 21 (23), 7990 - Times Cited Web of Science®: 42 - Times Cited Scopus: 50 - Times Cited Google Scholar: 68
5	Cordeiro, J., Postolache, O. & Ferreira, J. (2019). Child's target height prediction evolution. Applied Sciences. 9 (24) - Times Cited Web of Science®: 6 - Times Cited Scopus: 7 - Times Cited Google Scholar: 8

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Mendes, F., Miguel Mascarenhas Saraiva, Joana Mota, João Rala Cordeiro, Miguel Martins, Maria João AlmeidaGuilherme Macedo (2025). S1103Advancing GI Motility With AI: A Transatlantic Multicentric Study of Cross-Site and Cross-Device Manometry Analysis. In American Journal of Gastroenterology. (pp. S238-S238).: Ovid Technologies (Wolters Kluwer Health).
2	Miguel Mascarenhas Saraiva, Mendes, F., Joana Mota, João Rala Cordeiro, Miguel Martins, Maria João AlmeidaGuilherme Macedo (2025). S1038Artificial Intelligence in FLIP Panometry: Multicentric Validation for Esophageal Motility Pattern Recognition. In American Journal of Gastroenterology. (pp. S224-S224).: Ovid Technologies (Wolters Kluwer Health).

3	Miguel Mascarenhas, Mendes, F., Mota, J., Ribeiro, T., Cardoso, P., Martins, MSantander, C. (2024). Artificial intelligence as a transforming factor in motility disorders: Automatic detection and differentiation of motility patterns in high-resolution anorectal manometry. In American Journal of Gastroenterology. (pp. S558-S558). Pennsylvania: Lippincott Williams & Wilkins.
4	João Rala Cordeiro & Postolache, O. (2021). Length of stay analysis at neonatal care units with data science: Preliminary results. In 2021 IEEE International Symposium on Medical Measurements and Applications (MeMeA). Virtual, Lausanne: IEEE. - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
5	Postolache, O., Teixeira, L., Cordeiro, J., Lima, L., Arriaga, P., Rodrigues, MGirão, P. (2019). Tailored virtual reality for smart physiotherapy. In 2019 11th International Symposium on Advanced Topics in Electrical Engineering. (pp. 1-6). Bucareste: IEEE. - Times Cited Web of Science®: 6 - Times Cited Scopus: 11 - Times Cited Google Scholar: 20
6	João Rala Cordeiro & Postolache, O. (2018). Big data storage for a health predictive system. In 2018 International Symposium in Sensing and Instrumentation in IoT Era, ISSI 2018. Shanghai: IEEE. - Times Cited Scopus: 5 - Times Cited Google Scholar: 9