

Refereed Scientific Journals

- Ana Batista, Pedro Serranho, **Mário J. Santos**, Carlos Correia, José P. Domingues, Custódio Loureiro, João Cardoso, Sílvia Barbeiro, Miguel Morgado and Rui Bernardes "Phase-Resolved Optical Coherence Elastography: An Insight into Tissue Displacement Estimation", *Sensors*, 23(8), 3974, 2023.
- **Mário Santos** and Jaime Santos, "Adhesive Single-Lap Joint Evaluation Using Ultrasound Guided Waves", *Applied Sciences*, 13(11), 6523, 2023.
- Lorena Petrella, Sandrina Nunes, Fernando Perdigão, Marco Gomes, **Mário Santos**, Carlos Pinto, Miguel Morgado, António Travassos, Jaime Santos and Miguel Caixinha, "Feasibility assessment of the Eye Scan Ultrasound System for cataract characterization and optimal phacoemulsification energy estimation: protocol for a pilot, nonblinded and monocentre study", *Pilot and Feasibility Studies*, 8:219, 1-10, 2022.
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- Lorena Petrella, Fernando Perdigão, Miguel Caixinha, **Mário Santos**, Maria Lopes, Marco Gomes, Jaime Santos, "A-scan ultrasound in ophthalmology: A simulation tool", *Medical Engineering and Physics*, 97, 18–24, 2021.
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- **Mário J Santos**, Inês M Conceição, Lorena I Petrella, Fernando Perdigão, Jaime Santos, Miguel Caixinha, Marco Gomes and Miguel Morgado, "Modelling of an ultrasound-based system for cataract detection and classification", 13th European Conference on Non-Destructive Testing (ECNDT), Lisbon, 2023.
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- Jaime Santos, Abel G.M. Ferreira, Manuel Cardoso, **Mário Santos**, "Versatile low cost device for measuring the sound speed in liquids", 2019 International Congress on Ultrasonics, Bruges, Belgium, September 2019
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- Carlos Pinto, Paulo Fernandes, Miguel Caixinha, Sandrina Nunes, Miguel Morgado, **Mário Santos**, Jaime Santos, Lorena Petrella, Marco Gomes and Fernando Perdigão, "Development of an API for a Human-Eye Scan Ultrasound System", Confetel 2019, 11th CONFERENCE ON TELECOMMUNICATIONS, Lisbon, Portugal, 2019.
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