

Active-passive two-way ranging using UWB

Laadung, Taavi; Ulp, Sander; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** 2020, 14th International Conference on Signal Processing and Communication Systems, (ICSPCS) December 14-16, 2020 – Virtual Conference : proceedings 2020
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Adaptive Extended Kalman Filter position estimation based on Ultra-Wideband Active-Passive Ranging Protocol

Laadung, Taavi; Ulp, Sander; **Fjodorov, Aleksei**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** IEEE Access 2023 / p. 92575-92588 <https://doi.org/10.1109/ACCESS.2023.3308696> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bridging the gap between technology and usability for portable brain trauma scanning device

Priidel, Eiko; Mikola, Annika; **Gordon, Rauno**; **Martsepp, Maret**; **Kenkre, Pranay**; **Taros, Taavi**; **Pärenson, Taavet** The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [2] p. : ill

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Estimating UWB positioning integrity based on ranging residuals

Tommingas, Mihkel; **Ulp, Sander**; **Alam, Muhammad Mahtab**; **Mürsepp, Ivo**; **Laadung, Taavi** 2023 24th International Conference on Applied Electromagnetics and Communications (ICECOM) 2023 / 5 p
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