

Full List of Publications

BOOK

A. M. Zoubir, V. Koivunen, E. Ollila, and M. Muma. *Robust Statistics for Signal Processing*. Cambridge University Press, 2018.

PATENTS

R. Lizio, M. Muma, T. Schäck, S. L. Viñas, and A. M. Zoubir. “Methods to estimate the blood pressure and the arterial stiffness based on photoplethysmographic (PPG) signals”. US Patent App. 17/045,715. Aug. 2021.

R. Lizio, M. Muma, T. Schäck, S. L. Viñas, and A. M. Zoubir. “Preparations containing anthocyanins for use in the influence of cardiovascular conditions”. US Patent App. 17/049,446. Nov. 2021.

JOURNAL ARTICLES

C. A. Schroth and M. Muma. “Real Elliptically Skewed Distributions and Their Application to Robust Cluster Analysis”. In: *IEEE Transactions on Signal Processing* 69.1 (June 2021), pp. 3947–3962.

C. A. Schroth and M. Muma. “Robust M-Estimation Based Bayesian Cluster Enumeration for Real Elliptically Symmetric Distributions”. In: *IEEE Transactions on Signal Processing* 69 (Apr. 2021), pp. 3525–3540.

A. Taştan, M. Muma, and A. M. Zoubir. “Sparsity-aware Robust Community Detection (SPARCODE)”. In: *Signal Processing* (2021), p. 108147.

F. K. Teklehaymanot, M. Muma, and A. M. Zoubir. “Robust Bayesian Cluster Enumeration Based on the t Distribution”. In: *Signal Processing* 182 (2021), p. 107870.

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IN CONFERENCE PROCEEDINGS

- A. Taştan, M. Muma, and A. M. Zoubir. “Robust Spectral Clustering: A Locality Preserving Feature Mapping Based on M-estimation”. In: *Proc. 29th European Signal Processing Conference (EUSIPCO)*. Aug. 2021.
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- Citations: 992
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