

LIST OF PUBLICATIONS – BOGDAN TOADER

1. **The dual approach to non-negative super-resolution: perturbation analysis**
S. Chrétien, A. Thompson, B. Toader
arXiv: <https://arxiv.org/abs/2007.02708>, Submitted, 2020
2. **Sparse non-negative super-resolution – simplified and stabilised**
A. Eftekhari, J. Tanner, A. Thompson, B. Toader and H. Tyagi
Applied and Computational Harmonic Analysis, vol. 50, pp. 216-280, 2021
3. **The dual approach to non-negative super-resolution: impact on primal reconstruction accuracy**
S. Chrétien, A. Thompson, B. Toader
2019 13th International conference on Sampling Theory and Applications (SampTA) proceedings pages 1-4, 2019
4. **Global air transport complex network: multi-scale analysis**
W. Guo, B. Toader, R. Feier, G. Mosquera, F. Ying, S. Oh, M. Williams, A. Krupp
Springer Nature Applied Sciences (SNAS), vol.1(7), 2019
5. **Non-negative super-resolution is stable**
A. Eftekhari, J. Tanner, A. Thompson, B. Toader and H. Tyagi
2018 IEEE Data Science Workshop, DSW 2018, proceedings pages 100-104, 2018
6. **Spatially varying deconvolution for light-sheet microscopy**
B. Toader, J. Boulanger, Y. Korolev, M. Lenz, C.-B. Schönlieb, L. Mureşan
In preparation