

Omar Gutierrez-Navarro

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Blind End-Member and Abundance Extraction for Multispectral Fluorescence Lifetime Imaging Microscopy Data. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 606-617. | 6.3 | 22 |
| 2 | Extended Blind End-Member and Abundance Extraction for Biomedical Imaging Applications. IEEE Access, 2019, 7, 178539-178552. | 4.2 | 16 |
| 3 | A Fully Constrained Optimization Method for Time-Resolved Multispectral Fluorescence Lifetime Imaging Microscopy Data Unmixing. IEEE Transactions on Biomedical Engineering, 2013, 60, 1711-1720. | 4.2 | 12 |
| 4 | Estimation of the number of fluorescent end-members for quantitative analysis of multispectral FLIM data. Optics Express, 2014, 22, 12255. | 3.4 | 10 |
| 5 | Blind deconvolution estimation of fluorescence measurements through quadratic programming. Journal of Biomedical Optics, 2015, 20, 075010. | 2.6 | 7 |
| 6 | Extended output phasor representation of multi-spectral fluorescence lifetime imaging microscopy. Biomedical Optics Express, 2015, 6, 2088. | 2.9 | 6 |
| 7 | Quadratic blind linear unmixing: A graphical user interface for tissue characterization. Computer Methods and Programs in Biomedicine, 2016, 124, 148-160. | 4.7 | 5 |
| 8 | Linear Unmixing of Optic Signals by Extended Blind End-member and Abundance Extraction. , 2018, , . | | 2 |
| 9 | A new method to estimate abundances of multiple components using multi-spectral Fluorescence Lifetime Imaging Microscopy. , 2012, 2012, 1081-4. | | 1 |
| 10 | Blind deconvolution estimation by multi-exponential models and alternated least squares approximations: Free-form and sparse approach. PLoS ONE, 2021, 16, e0248301. | 2.5 | 1 |
| 11 | An Object-Tracking Algorithm Based on Bayesian-Learning. , 2007, , . | | 0 |
| 12 | Particle filter for spectral unmixing. , 2011, , . | | 0 |
| 13 | Blind Deconvolution Estimation by an Exponentials Library. , 2020, , . | | 0 |