

Publikationsliste

2011

Idir Yahiatène, Tobias Klamp, Mark Schüttpelz, Markus Sauer; “*Detection of pathogenic DNA at the Single-Molecule level*”, **Proc. SPIE**, Vol. **7905** (doi:10.1117/12.873850)

Tobias Klamp, **Idir Yahiatène**, Mark Schüttpelz, Markus Sauer; “*A reliable and sensitive bead-based fluorescence assay for identification of nucleic acid sequences*”, **Proc. SPIE**, Vol. **7905** (doi: 10.1117/12.874567)

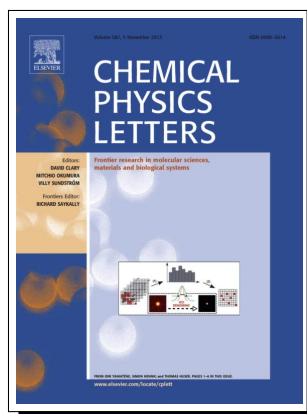
2012

Idir Yahiatène, Dissertation, “*Konfokale Mehrfarben Einzelmolekülspektroskopie zur Charakterisierung biologischer Proben*”

Idir Yahiatène, Sören Doose, Markus Sauer, Thomas Huser; “*Correlation-Matrix analysis of two-color coincidence events in single-molecule fluorescence*”, **Anal. Chem.** **84**(6), 2729-2736

2013

Idir Yahiatène, Simon Hennig, Thomas Huser; “*Optical fluctuation microscopy based on calculating local entropy values*”, **Chem. Phys. Letters** **587**, 1-6 (2013), invited **Frontiers**, **Cover Article**



Fabian Humpert and Idir Yahiatène, Martina Lummer, Thomas Huser, Markus Sauer; “*Quantifying molecular colocalization in live cell fluorescence microscopy*”, **J. Biophotonics** (1-9) 2013, DOI 10.1002/jbio.201300146, **Cover Article**



Iwan W. Schie, Lena Nolte, Theresa L. Pedersen, Zach Smith, Jian Wu, **Idir Yahiatène**, John W. Newman and Thomas Huser; “Direct comparison of fatty acid ratios in single cellular lipid droplets as determined by comparative Raman spectroscopy and gas chromatography”, **Analyst** **138**(21), 6662-6670

2014

Idir Yahiatène, Hnin Hnin Aung, Dennis Wilson, John C. Rutledge; “Single-Molecule quantification of lipotoxic expression of Activating Transcription factor 3”, **Phys Chem Chem Phys.**, **16**(39):21595-601

2015

Idir Yahiatène, Simon Hennig, Marcel Müller, Thomas Huser; “Entropy-based superresolution imaging (ESI): From disorder to fine detail”, **ACS Photonics**, **2015**, **2** (8), pp 1049–1056