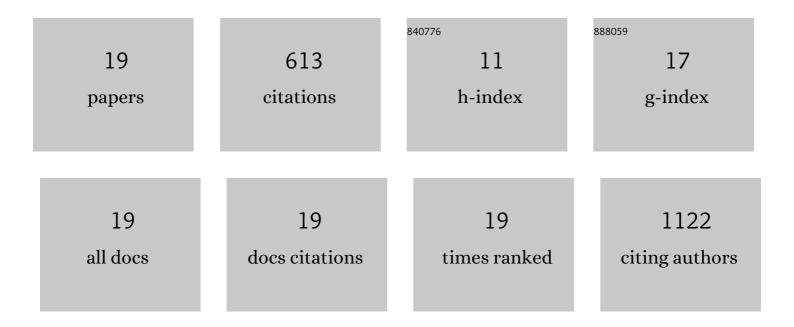
Aufried Tm Lenferink

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Noninvasive Imaging of Protein Metabolic Labeling in Single Human Cells Using Stable Isotopes and Raman Microscopy. Analytical Chemistry, 2008, 80, 9576-9582. | 6.5 | 119 |
| 2 | Classifying Raman spectra of extracellular vesicles based on convolutional neural networks for prostate cancer detection. Journal of Raman Spectroscopy, 2020, 51, 293-300. | 2.5 | 79 |
| 3 | PDMS Curing Inhibition on 3D-Printed Molds: Why? Also, How to Avoid It?. Analytical Chemistry, 2021, 93, 7180-7187. | 6.5 | 78 |
| 4 | Long-Range Energy Propagation in Nanometer Arrays of Light Harvesting Antenna Complexes. Nano Letters, 2010, 10, 1450-1457. | 9.1 | 68 |
| 5 | Immuno-capture of extracellular vesicles for individual multi-modal characterization using AFM, SEM and Raman spectroscopy. Lab on A Chip, 2019, 19, 2526-2536. | 6.0 | 48 |
| 6 | Hyperspectral Raman imaging of neuritic plaques and neurofibrillary tangles in brain tissue from Alzheimer's disease patients. Scientific Reports, 2017, 7, 15603. | 3.3 | 47 |
| 7 | Absence of amyloid-beta in lenses of Alzheimer patients: A confocal Raman microspectroscopic study. Experimental Eye Research, 2014, 119, 44-53. | 2.6 | 38 |
| 8 | Hybrid Rayleigh, Raman and twoâ€photon excited fluorescence spectral confocal microscopy of living cells. Journal of Raman Spectroscopy, 2010, 41, 599-608. | 2.5 | 31 |
| 9 | Microbioreactors for Raman Microscopy of Stromal Cell Differentiation. Analytical Chemistry, 2010, 82, 1844-1850. | 6.5 | 22 |
| 10 | Oxidative stabilization of mixed mayonnaises made with linseed oil and saturated medium-chain triglyceride oil. Food Chemistry, 2014, 152, 378-385. | 8.2 | 21 |
| 11 | Label-Free Detection of Insulin and Glucagon within Human Islets of Langerhans Using Raman Spectroscopy. PLoS ONE, 2013, 8, e78148. | 2.5 | 18 |
| 12 | Raman and Fluorescence Spectral Imaging of Live Breast Cancer Cells Incubated with PEGylated Gold Nanorods. Applied Spectroscopy, 2012, 66, 66-74. | 2.2 | 11 |
| 13 | Protein profiles in cortical and nuclear regions of aged human donor lenses: A confocal Raman microspectroscopic and imaging study. Experimental Eye Research, 2016, 145, 100-109. | 2.6 | 11 |
| 14 | Prism-based excitation wavelength selection for multicolor fluorescence coincidence measurements. Applied Optics, 2005, 44, 893. | 2.1 | 8 |
| 15 | Dynamics of oligo(phenylene-ethynylene) self-assembled monolayers on Au(1 1 1). Chemical Physics Letters, 2014, 614, 45-48. | 2.6 | 5 |
| 16 | Quantitative Fluorescence Correlation Spectroscopy Reveals a 1000-Fold Increase in Lifetime of Protein Functionality. Biophysical Journal, 2008, 95, 3439-3446. | 0.5 | 4 |
| 17 | Evaluation of the changes in human milk lipid composition and conformational state with Raman spectroscopy during a breastfeed. Biomedical Optics Express, 2021, 12, 3934. | 2.9 | 4 |
| 18 | Abstract 1459: Detection of EpCAM negative circulating tumor cells in CellSearch waste , 2013, , . | | 1 |

| # | Article | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Single-molecule fluorescence microscopy on nucleotide excision repair complexes using GFP fusion proteins. , 2000, , . | | 0 |