

# Aufried Tm Lenferink

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

613  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Imaging of Protein Metabolic Labeling in Single Human Cells Using Stable Isotopes and Raman Microscopy. <i>Analytical Chemistry</i> , 2008, 80, 9576-9582.	6.5	119
2	Classifying Raman spectra of extracellular vesicles based on convolutional neural networks for prostate cancer detection. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 293-300.	2.5	79
3	PDMS Curing Inhibition on 3D-Printed Molds: Why? Also, How to Avoid It?. <i>Analytical Chemistry</i> , 2021, 93, 7180-7187.	6.5	78
4	Long-Range Energy Propagation in Nanometer Arrays of Light Harvesting Antenna Complexes. <i>Nano Letters</i> , 2010, 10, 1450-1457.	9.1	68
5	Immuno-capture of extracellular vesicles for individual multi-modal characterization using AFM, SEM and Raman spectroscopy. <i>Lab on A Chip</i> , 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. <i>Scientific Reports</i> , 2017, 7, 15603.	3.3	47
7	Absence of amyloid-beta in lenses of Alzheimer patients: A confocal Raman microspectroscopic study. <i>Experimental Eye Research</i> , 2014, 119, 44-53.	2.6	38
8	Hybrid Rayleigh, Raman and two-photon excited fluorescence spectral confocal microscopy of living cells. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 599-608.	2.5	31
9	Microbioreactors for Raman Microscopy of Stromal Cell Differentiation. <i>Analytical Chemistry</i> , 2010, 82, 1844-1850.	6.5	22
10	Oxidative stabilization of mixed mayonnaises made with linseed oil and saturated medium-chain triglyceride oil. <i>Food Chemistry</i> , 2014, 152, 378-385.	8.2	21
11	Label-Free Detection of Insulin and Glucagon within Human Islets of Langerhans Using Raman Spectroscopy. <i>PLoS ONE</i> , 2013, 8, e78148.	2.5	18
12	Raman and Fluorescence Spectral Imaging of Live Breast Cancer Cells Incubated with PEGylated Gold Nanorods. <i>Applied Spectroscopy</i> , 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. <i>Experimental Eye Research</i> , 2016, 145, 100-109.	2.6	11
14	Prism-based excitation wavelength selection for multicolor fluorescence coincidence measurements. <i>Applied Optics</i> , 2005, 44, 893.	2.1	8
15	Dynamics of oligo(phenylene-ethynylene) self-assembled monolayers on Au(1 1 1). <i>Chemical Physics Letters</i> , 2014, 614, 45-48.	2.6	5
16	Quantitative Fluorescence Correlation Spectroscopy Reveals a 1000-Fold Increase in Lifetime of Protein Functionality. <i>Biophysical Journal</i> , 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. <i>Biomedical Optics Express</i> , 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