

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	PDMS Curing Inhibition on 3D-Printed Molds: Why? Also, How to Avoid It?. Analytical Chemistry, 2021, 93, 7180-7187.	6.5	78
2	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
3	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
4	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
5	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
6	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
7	Dynamics of oligo(phenylene-ethynylene) self-assembled monolayers on Au(1 1 1). Chemical Physics Letters, 2014, 614, 45-48.	2.6	5
8	Oxidative stabilization of mixed mayonnaises made with linseed oil and saturated medium-chain triglyceride oil. Food Chemistry, 2014, 152, 378-385.	8.2	21
9	Absence of amyloid-beta in lenses of Alzheimer patients: A confocal Raman microspectroscopic study. Experimental Eye Research, 2014, 119, 44-53.	2.6	38
10	Label-Free Detection of Insulin and Glucagon within Human Islets of Langerhans Using Raman Spectroscopy. PLoS ONE, 2013, 8, e78148.	2.5	18
11	Abstract 1459: Detection of EpCAM negative circulating tumor cells in CellSearch waste.. , 2013, , .		1
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	Hybrid Rayleigh, Raman and two-photon excited fluorescence spectral confocal microscopy of living cells. Journal of Raman Spectroscopy, 2010, 41, 599-608.	2.5	31
14	Long-Range Energy Propagation in Nanometer Arrays of Light Harvesting Antenna Complexes. Nano Letters, 2010, 10, 1450-1457.	9.1	68
15	Microbioreactors for Raman Microscopy of Stromal Cell Differentiation. Analytical Chemistry, 2010, 82, 1844-1850.	6.5	22
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	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
18	Prism-based excitation wavelength selection for multicolor fluorescence coincidence measurements. Applied Optics, 2005, 44, 893.	2.1	8

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