

Using Fourier transform IR spectroscopy to analyze bio

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Surface-Enhanced Raman Spectroscopy of the Endothelial Cell Membrane. PLoS ONE, 2014, 9, e106283.	1.1	19
4	Classification of cervical cytology for human papilloma virus (HPV) infection using biospectroscopy and variable selection techniques. Analytical Methods, 2014, 6, 9643-9652.	1.3	25
5	Microspectroscopy (μ FTIR) Reveals Co-localization of Lipid Oxidation and Amyloid Plaques in Human Alzheimer Disease Brains. Analytical Chemistry, 2014, 86, 12047-12054.	3.2	87
6	Vibrational spectroscopic methods for cytology and cellular research. Analyst, The, 2014, 139, 4411-4444.	1.7	85
7	A biospectroscopic analysis of human prostate tissue obtained from different time periods points to a trans-generational alteration in spectral phenotype. Scientific Reports, 2015, 5, 13465.	1.6	15
8	High-definition Fourier Transform Infrared (FT-IR) Spectroscopic Imaging of Human Tissue Sections towards Improving Pathology. Journal of Visualized Experiments, 2015, , 52332.	0.2	18
9	Effects of Low Carbohydrate High Protein (LCHP) diet on atherosclerotic plaque phenotype in ApoE/LDLR ^{-/-} mice: FT-IR and Raman imaging. Scientific Reports, 2015, 5, 14002.	1.6	22
10	Use of random forest in \langle scp>FTIR</scp> analysis of \langle scp>LDL</scp> cholesterol and triâ€glycerides for hyperlipidemia. Biotechnology Progress, 2015, 31, 1693-1702.	1.3	10
11	Vibrational Microspectroscopy for Cancer Screening. Applied Sciences (Switzerland), 2015, 5, 23-35.	1.3	27
12	Cold shock induces apoptosis of dorsal root ganglion neurons plated on infrared windows. Analyst, The, 2015, 140, 4046-4056.	1.7	2
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21	Assessment of the Effect of Trichostatin A on HeLa Cells through FT-IR Spectroscopy. Analytical Chemistry, 2015, 87, 2511-2517.	3.2	23

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23	Recent applications of hyperspectral imaging in microbiology. <i>Talanta</i> , 2015, 137, 43-54.	2.9	134
24	Competitive evaluation of data mining algorithms for use in classification of leukocyte subtypes with Raman microspectroscopy. <i>Analyst, The</i> , 2015, 140, 2473-2481.	1.7	40
25	Label-free phenotyping of peripheral blood lymphocytes by infrared imaging. <i>Analyst, The</i> , 2015, 140, 2247-2256.	1.7	16
26	A study of structural differences between liver cancer cells and normal liver cells using FTIR spectroscopy. <i>Journal of Molecular Structure</i> , 2015, 1099, 18-23.	1.8	34
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