

LDA-Guided Search Engine for the Nonsubjective Analy

Applied Spectroscopy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Infrared spectroscopy of human cells and tissue. VIII. Strategies for analysis of infrared tissue mapping data and applications to liver tissue. <i>Biopolymers</i> , 2000, 57, 282-290.	2.4	81
2	Analysis of biomedical spectra and images: from data to diagnosis. <i>Computational and Theoretical Chemistry</i> , 2000, 500, 129-138.	1.5	9
3	Towards Non-Invasive Screening of Skin Lesions by Near-Infrared Spectroscopy. <i>Journal of Investigative Dermatology</i> , 2001, 116, 175-181.	0.7	95
4	Infrared Spectroscopy of Human Cells and Tissue: Detection of Disease. <i>Technology in Cancer Research and Treatment</i> , 2002, 1, 1-7.	1.9	51
5	Near-infrared spectroscopy for dermatological applications. <i>Vibrational Spectroscopy</i> , 2002, 28, 53-58.	2.2	27
6	Biological and biomedical applications of synchrotron infrared microspectroscopy. <i>Journal of Biological Physics</i> , 2003, 29, 201-218.	1.5	49
7	The use of synchrotron infrared microspectroscopy in biological and biomedical investigations. <i>Vibrational Spectroscopy</i> , 2003, 32, 3-21.	2.2	204
8	Fourier transform infrared (FTIR) spectral mapping of the cervical transformation zone, and dysplastic squamous epithelium. <i>Gynecologic Oncology</i> , 2004, 93, 59-68.	1.4	217
9	Introductory Lecture. <i>Faraday Discussions</i> , 2004, 126, 1.	3.2	15
10	Imaging of colorectal adenocarcinoma using FT-IR microspectroscopy and cluster analysis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1688, 176-186.	3.8	346
11	Fourier Transform Infrared Imaging and Unsupervised Hierarchical Clustering Applied to Cervical Biopsies. <i>Australian Journal of Chemistry</i> , 2004, 57, 1139.	0.9	26
12	Studying skin of an Egyptian mummy by infrared microscopy. <i>Vibrational Spectroscopy</i> , 2005, 38, 159-167.	2.2	41
13	Infrared spectroscopic imaging for histopathologic recognition. <i>Nature Biotechnology</i> , 2005, 23, 469-474.	17.5	522
14	High throughput assessment of cells and tissues: Bayesian classification of spectral metrics from infrared vibrational spectroscopic imaging data. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 830-845.	2.6	117
18	A three-dimensional multivariate image processing technique for the analysis of FTIR spectroscopic images of multiple tissue sections. <i>BMC Medical Imaging</i> , 2006, 6, 12.	2.7	50
19	The future of dermatopathology. <i>Modern Pathology</i> , 2006, 19, S155-S163.	5.5	2
20	Towards a practical Fourier transform infrared chemical imaging protocol for cancer histopathology. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1155-1169.	3.7	177
21	Pharmaceutical applications of vibrational chemical imaging and chemometrics: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 533-553.	2.8	307

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22	Shedding New Light on the Molecular Architecture of Oocytes Using a Combination of Synchrotron Fourier Transform-Infrared and Raman Spectroscopic Mapping. <i>Analytical Chemistry</i> , 2008, 80, 9065-9072.	6.5	70
27	Resonance Raman microscopy in combination with partial dark-field microscopy lights up a new path in malaria diagnostics. <i>Analyst, The</i> , 2009, 134, 1119.	3.5	59
28	Evaluation of linear discriminant analysis for automated Raman histological mapping of esophageal high-grade dysplasia. <i>Journal of Biomedical Optics</i> , 2010, 15, 066015.	2.6	31
29	Avoiding Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 59-86.	1.3	2
30	Fourier Transform Infrared Microspectroscopy for Cancer Diagnostic of C6 Glioma on Animal Model. , 2011, , .		1
31	Direct Analysis of Samples. , 2012, , 85-102.		0
33	Measuring glucose blood with spectroscopy skin in near infrared. , 2019, , .		2
34	Analysis of blood by Spectroscopy Near Infrared. , 2020, , .		0
35	Biochemical imaging of normal, adenoma, and colorectal adenocarcinoma tissues by Fourier transform infrared spectroscopy (FTIR) and morphological correlation by histopathological analysis: preliminary results. <i>Research on Biomedical Engineering</i> , 2015, 31, 10-18.	2.2	4
36	In-Vivo Optical Detection of Cancer Using Chlorin E6â€™Polyvinylpyrrolidone Induced Fluorescence Imaging and Spectroscopy. , 2016, , 230-248.		0
37	Measuring and analysis of blood glucose using near infrared spectroscopy. , 2020, , .		1