

# Josep SulÃ©-Suso

## List of Publications by Year in descending order

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28  
papers

2,549  
citations

430874

18  
h-index

526287

27  
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28  
all docs

28  
docs citations

28  
times ranked

3311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Sample Preparation Using Glass Slides for Spectral Pathology. <i>Applied Spectroscopy</i> , 2021, 75, 343-350.	2.2	5
2	Optical Photothermal Infrared Microspectroscopy Discriminates for the First Time Different Types of Lung Cells on Histopathology Glass Slides. <i>Analytical Chemistry</i> , 2021, 93, 11081-11088.	6.5	16
3	Identification of a Glass Substrate to Study Cells Using Fourier Transform Infrared Spectroscopy: Are We Closer to Spectral Pathology?. <i>Applied Spectroscopy</i> , 2020, 74, 178-186.	2.2	17
4	Striking lung cancer response to self-administration of cannabidiol: A case report and literature review. <i>SAGE Open Medical Case Reports</i> , 2019, 7, 2050313X1983216.	0.3	20
5	Clinical applications of infrared and Raman spectroscopy: state of play and future challenges. <i>Analyst, The</i> , 2018, 143, 1735-1757.	3.5	163
6	Artificial Neural Network Analysis of Volatile Organic Compounds for the Detection of Lung Cancer. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 183-190.	0.6	3
7	Fourier transform infrared spectra of cells on glass coverslips. A further step in spectral pathology. <i>Analyst, The</i> , 2018, 143, 5711-5717.	3.5	9
8	Vibrational spectroscopic monitoring and biochemical analysis of pericellular matrix formation and maturation in a 3-dimensional chondrocyte culture model. <i>Analyst, The</i> , 2018, 143, 5979-5986.	3.5	4
9	Evaluation of peroxidative stress of cancer cells <i>in vitro</i> by real-time quantification of volatile aldehydes in culture headspace. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1344-1352.	1.5	7
10	Effects of nilotinib on leukaemia cells using vibrational microspectroscopy and cell cloning. <i>Analyst, The</i> , 2017, 142, 1299-1307.	3.5	13
11	Spectropathology for the next generation: Quo vadis?. <i>Analyst, The</i> , 2015, 140, 2066-2073.	3.5	106
12	Probing single-tumor cell interactions with different-age type I collagen networks by synchrotron-based Fourier transform infrared microspectroscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 111612.	2.6	4
13	Vibrational spectroscopy in stem cell characterisation: is there a niche?. <i>Trends in Biotechnology</i> , 2014, 32, 254-262.	9.3	22
14	Study of gemcitabine-sensitive/resistant cancer cells by cell cloning and synchrotron FTIR microspectroscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 688-697.	1.5	24
15	Using Fourier transform IR spectroscopy to analyze biological materials. <i>Nature Protocols</i> , 2014, 9, 1771-1791.	12.0	1,385
16	Identification of different subsets of lung cells using Raman microspectroscopy and whole cell nucleus isolation. <i>Analyst, The</i> , 2013, 138, 5052.	3.5	25
17	On evaluation of a multiscale-based CT image analysis and visualisation algorithm. , 2013, , .		0
18	Quantification by SIFT-MS of acetaldehyde released by lung cells in a 3D model. <i>Analyst, The</i> , 2013, 138, 91-95.	3.5	37

#	ARTICLE	IF	CITATIONS
19	Raman imaging of single living cells: probing effects of non-cytotoxic doses of an anti-cancer drug. <i>Analyst, The</i> , 2011, 136, 2718.	3.5	35
20	Synchrotron-based FTIR spectra of stained single cells. Towards a clinical application in pathology. <i>Laboratory Investigation</i> , 2010, 90, 797-807.	3.7	46
21	Advantages of breath testing for the early diagnosis of lung cancer. <i>Expert Review of Molecular Diagnostics</i> , 2010, 10, 255-257.	3.1	21
22	IR spectroscopy reveals effect of non-cytotoxic doses of anti-tumour drug on cancer cells. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2293-2301.	3.7	62
23	Spectroscopic signatures of single, isolated cancer cell nuclei using synchrotron infrared microscopy. <i>Analyst, The</i> , 2009, 134, 1176.	3.5	48
24	Quantification of acetaldehyde and carbon dioxide in the headspace of malignant and non-malignant lung cells in vitro by SIFT-MS. <i>Analyst, The</i> , 2009, 134, 2419.	3.5	60
25	Estimating and Correcting Mie Scattering in Synchrotron-Based Microscopic Fourier Transform Infrared Spectra by Extended Multiplicative Signal Correction. <i>Applied Spectroscopy</i> , 2008, 62, 259-266.	2.2	158
26	Adding synchrotron radiation to infrared microspectroscopy: what's new in biomedical applications?. <i>Trends in Biotechnology</i> , 2007, 25, 40-44.	9.3	140
27	FT-IR microspectroscopy as a tool to assess lung cancer cells response to chemotherapy. <i>Vibrational Spectroscopy</i> , 2005, 38, 179-184.	2.2	45
28	Study of tumor cell invasion by Fourier transform infrared microspectroscopy. <i>Biopolymers</i> , 2005, 78, 311-317.	2.4	74