

Paulina Koziol

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

107
citations

1684188

5
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of interference effects on the spectral quality and histological classification by FT-IR imaging in transfection geometry. <i>Analyst, The</i> , 2021, 146, 646-654.	3.5	4
2	The Impact of Preprocessing Methods for a Successful Prostate Cell Lines Discrimination Using Partial Least Squares Regression and Discriminant Analysis Based on Fourier Transform Infrared Imaging. <i>Cells</i> , 2021, 10, 953.	4.1	5
3	Spatial sampling effect on data structure and random forest classification of tissue types in High Definition and Standard Definition FT-IR imaging. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 217, 104407.	3.5	4
4	Spatially resolved macromolecular orientation in biological tissues using FT-IR imaging. <i>Clinical Spectroscopy</i> , 2021, 3, 100013.	1.3	5
5	Macromolecular Orientation in Biological Tissues Using a Four-Polarization Method in FT-IR Imaging. <i>Analytical Chemistry</i> , 2020, 92, 13313-13318.	6.5	13
6	Translation of an esophagus histopathological <sc>FT-IR</sc> imaging model to a fast quantum cascade laser modality. <i>Journal of Biophotonics</i> , 2020, 13, e202000122.	2.3	6
7	Comparison of the new Mie Extinction Extended Multiplicative Scattering Correction and Resonant Mie Extended Multiplicative Scattering Correction in transmission infrared tissue image scattering correction. <i>Infrared Physics and Technology</i> , 2020, 107, 103291.	2.9	7
8	Influence of denoising on classification results in the context of hyperspectral data: High Definition FT-IR imaging. <i>Analytica Chimica Acta</i> , 2019, 1085, 39-47.	5.4	20
9	Noise-free simulation of an FT-IR imaging hyperspectral dataset of pancreatic biopsy core bound by experiment. <i>Scientific Data</i> , 2019, 6, 239.	5.3	4
10	Denoising influence on discrete frequency classification results for quantum cascade laser based infrared microscopy. <i>Analytica Chimica Acta</i> , 2019, 1051, 24-31.	5.4	11
11	Comparison of spectral and spatial denoising techniques in the context of High Definition FT-IR imaging hyperspectral data. <i>Scientific Reports</i> , 2018, 8, 14351.	3.3	28