Paulina Koziol

List of Publications by Year
in descending order

11	107	1684188 5	1372567 10
papers	citations	h-index	g-index

12	12	12	90
all docs	docs citations	times ranked	citing authors

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