Karolina ChrabÄszcz

List of Publications by Year
in descending order

18 papers	274 citations	933447 10 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	393 citing authors

#	Article	IF	Citations
1	Spectral signature of multiple sclerosis. Preliminary studies of blood fraction by ATR FTIR technique. Biochemical and Biophysical Research Communications, 2022, 593, 40-45.	2.1	8
2	Stem Photosynthesisâ€"A Key Element of Grass Pea (Lathyrus sativus L.) Acclimatisation to Salinity. International Journal of Molecular Sciences, 2021, 22, 685.	4.1	23
3	In Vitro Spectroscopy-Based Profiling of Urothelial Carcinoma: A Fourier Transform Infrared and Raman Imaging Study. Cancers, 2021, 13, 123.	3.7	14
4	Fourier Transform Infrared Polarization Contrast Imaging Recognizes Proteins Degradation in Lungs upon Metastasis from Breast Cancer. Cancers, 2021, 13, 162.	3.7	9
5	Molecular profiling of the intestinal mucosa and immune cells of the colon by multi-parametric histological techniques. Scientific Reports, 2021, 11, 11309.	3.3	7
6	High-Resolution Fourier Transform Infrared (FT-IR) Spectroscopic Imaging for Detection of Lung Structures and Cancer-Related Abnormalities in a Murine Model. Applied Spectroscopy, 2021, , 000370282110255.	2.2	2
7	FTIR Spectroscopic Imaging Supports Urine Cytology for Classification of Low- and High-Grade Bladder Carcinoma. Cancers, 2021, 13, 5734.	3.7	4
8	Tracking Extracellular Matrix Remodeling in Lungs Induced by Breast Cancer Metastasis. Fourier Transform Infrared Spectroscopic Studies. Molecules, 2020, 25, 236.	3.8	12
9	Multimodal vibrational studies of drug uptake in vitro: Is the whole greater than the sum of their parts?. Journal of Biophotonics, 2020, 13, e202000264.	2.3	5
10	Comparison of standard and HD FT-IR with multimodal CARS/TPEF/SHG/FLIMS imaging in the detection of the early stage of pulmonary metastasis of murine breast cancer. Analyst, The, 2020, 145, 4982-4990.	3.5	5
11	Vibrational imaging of proteins: changes in the tissues and cells in the lifestyle disease studies. , 2020, , 177-218.		1
12	FTIR, Raman and AFM characterization of the clinically valid biochemical parameters of the thrombi in acute ischemic stroke. Scientific Reports, 2019, 9, 15475.	3.3	27
13	An Analysis of Isolated and Intact RBC Membranesâ€"A Comparison of a Semiquantitative Approach by Means of FTIR, Nano-FTIR, and Raman Spectroscopies. Analytical Chemistry, 2019, 91, 9867-9874.	6.5	34
14	High and ultraâ€high definition of infrared spectral histopathology gives an insight into chemical environment of lung metastases in breast cancer. Journal of Biophotonics, 2019, 12, e201800345.	2.3	18
15	FT-IR- and Raman-based biochemical profiling of the early stage of pulmonary metastasis of breast cancer in mice. Analyst, The, 2018, 143, 2042-2050.	3.5	23
16	Label-free FTIR spectroscopy detects and visualizes the early stage of pulmonary micrometastasis seeded from breast carcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3574-3584.	3.8	19
17	Raman spectroscopy as a sensitive probe of soft tissue composition â€" Imaging of cross-sections of various organs vs. single spectra of tissue homogenates. TrAC - Trends in Analytical Chemistry, 2016, 85, 117-127.	11.4	38
18	IR and Raman imaging of murine brains from control and ApoE/LDLR^{â^'/â^'}mice with advanced atherosclerosis. Analyst, The, 2016, 141, 5329-5338.	3.5	25