

# Karolina ChrabÄszcz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/261475/publications.pdf>

Version: 2024-02-01

18  
papers

274  
citations

932766

10  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman spectroscopy as a sensitive probe of soft tissue composition – Imaging of cross-sections of various organs vs. single spectra of tissue homogenates. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 117-127.	5.8	38
2	An Analysis of Isolated and Intact RBC Membranes – A Comparison of a Semiquantitative Approach by Means of FTIR, Nano-FTIR, and Raman Spectroscopies. <i>Analytical Chemistry</i> , 2019, 91, 9867-9874.	3.2	34
3	FTIR, Raman and AFM characterization of the clinically valid biochemical parameters of the thrombi in acute ischemic stroke. <i>Scientific Reports</i> , 2019, 9, 15475.	1.6	27
4	IR and Raman imaging of murine brains from control and ApoE/LDLR <sup>0/0</sup> mice with advanced atherosclerosis. <i>Analyst, The</i> , 2016, 141, 5329-5338.	1.7	25
5	FT-IR- and Raman-based biochemical profiling of the early stage of pulmonary metastasis of breast cancer in mice. <i>Analyst, The</i> , 2018, 143, 2042-2050.	1.7	23
6	Stem Photosynthesis – A Key Element of Grass Pea ( <i>Lathyrus sativus</i> L.) Acclimatisation to Salinity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 685.	1.8	23
7	Label-free FTIR spectroscopy detects and visualizes the early stage of pulmonary micrometastasis seeded from breast carcinoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3574-3584.	1.8	19
8	High and ultra-high definition of infrared spectral histopathology gives an insight into chemical environment of lung metastases in breast cancer. <i>Journal of Biophotonics</i> , 2019, 12, e201800345.	1.1	18
9	In Vitro Spectroscopy-Based Profiling of Urothelial Carcinoma: A Fourier Transform Infrared and Raman Imaging Study. <i>Cancers</i> , 2021, 13, 123.	1.7	14
10	Tracking Extracellular Matrix Remodeling in Lungs Induced by Breast Cancer Metastasis. <i>Fourier Transform Infrared Spectroscopic Studies. Molecules</i> , 2020, 25, 236.	1.7	12
11	Fourier Transform Infrared Polarization Contrast Imaging Recognizes Proteins Degradation in Lungs upon Metastasis from Breast Cancer. <i>Cancers</i> , 2021, 13, 162.	1.7	9
12	Spectral signature of multiple sclerosis. Preliminary studies of blood fraction by ATR FTIR technique. <i>Biochemical and Biophysical Research Communications</i> , 2022, 593, 40-45.	1.0	8
13	Molecular profiling of the intestinal mucosa and immune cells of the colon by multi-parametric histological techniques. <i>Scientific Reports</i> , 2021, 11, 11309.	1.6	7
14	Multimodal vibrational studies of drug uptake in vitro: Is the whole greater than the sum of their parts?. <i>Journal of Biophotonics</i> , 2020, 13, e202000264.	1.1	5
15	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. <i>Analyst, The</i> , 2020, 145, 4982-4990.	1.7	5
16	FTIR Spectroscopic Imaging Supports Urine Cytology for Classification of Low- and High-Grade Bladder Carcinoma. <i>Cancers</i> , 2021, 13, 5734.	1.7	4
17	High-Resolution Fourier Transform Infrared (FT-IR) Spectroscopic Imaging for Detection of Lung Structures and Cancer-Related Abnormalities in a Murine Model. <i>Applied Spectroscopy</i> , 2021, , 000370282110255.	1.2	2
18	Vibrational imaging of proteins: changes in the tissues and cells in the lifestyle disease studies. , 2020, , 177-218.		1