

Ewelina Szafraniec

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

935
citations

840776

11
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1619
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman and infrared spectroscopy of carbohydrates: A review. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 317-335.	3.9	654
2	Comparability of Raman Spectroscopic Configurations: A Large Scale Cross-Laboratory Study. <i>Analytical Chemistry</i> , 2020, 92, 15745-15756.	6.5	46
3	Raman Optical Activity and Raman spectroscopy of carbohydrates in solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 597-612.	3.9	32
4	Spectroscopic studies of anthracyclines: Structural characterization and in vitro tracking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 169, 152-160.	3.9	30
5	Nuclear accumulation of anthracyclines in the endothelium studied by bimodal imaging: fluorescence and Raman microscopy. <i>Analyst, The</i> , 2015, 140, 2302-2310.	3.5	28
6	Raman spectroscopy-based insight into lipid droplets presence and contents in liver sinusoidal endothelial cells and hepatocytes. <i>Journal of Biophotonics</i> , 2019, 12, e201800290.	2.3	24
7	Toward Raman Subcellular Imaging of Endothelial Dysfunction. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4396-4409.	6.4	18
8	Live endothelial cells imaged by Scanning Near-field Optical Microscopy (SNOM): capabilities and challenges. <i>Journal of Biophotonics</i> , 2017, 10, 928-938.	2.3	15
9	Eosinophils and Neutrophils's Molecular Differences Revealed by Spontaneous Raman, CARS and Fluorescence Microscopy. <i>Cells</i> , 2020, 9, 2041.	4.1	13
10	Changes induced by non-alcoholic fatty liver disease in liver sinusoidal endothelial cells and hepatocytes: spectroscopic imaging of single live cells at the subcellular level. <i>Analyst, The</i> , 2017, 142, 3948-3958.	3.5	12
11	Multiplex Raman imaging of organelles in endothelial cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119658.	3.9	12
12	Differential response of liver sinusoidal endothelial cells and hepatocytes to oleic and palmitic acid revealed by Raman and CARS imaging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165763.	3.8	11
13	Vibrational spectroscopy-based quantification of liver steatosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165526.	3.8	10
14	Labeled vs. Label-Free Raman Imaging of Lipids in Endothelial Cells of Various Origins. <i>Molecules</i> , 2020, 25, 5752.	3.8	8
15	Identification of inflammatory markers in eosinophilic cells of the immune system: fluorescence, Raman and CARS imaging can recognize markers but differently. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	5.4	7
16	Monitoring excited-state relaxation in a molecular marker in live cells—a case study on astaxanthin. <i>Chemical Communications</i> , 2021, 57, 6392-6395.	4.1	6
17	Diversity among endothelial cell lines revealed by Raman and Fourier-transform infrared spectroscopic imaging. <i>Analyst, The</i> , 2018, 143, 4323-4334.	3.5	5
18	Primary murine hepatocytes exposed to fatty acids analyzed by Raman and infrared microscopy. <i>Clinical Spectroscopy</i> , 2021, 3, 100007.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Small and Large Molecules Investigated by Raman Spectroscopy. Challenges and Advances in Computational Chemistry and Physics, 2019, , 161-198.	0.6	1