

Adam ZajÄc

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

405
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of N-acetylation degree in chitosan using Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 114-120.	3.9	198
2	FT-Raman spectroscopic study of human skin subjected to uniaxial stress. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 18, 240-252.	3.1	41
3	Raman spectroscopy in determination of horse meat content in the mixture with other meats. <i>Food Chemistry</i> , 2014, 156, 333-338.	8.2	34
4	Quantitative determination of the iodine values of unsaturated plant oils using infrared and Raman spectroscopy methods. <i>International Journal of Food Properties</i> , 2017, 20, 2003-2015.	3.0	30
5	IR and Raman studies of oil and seedcake extracts from natural and genetically modified flax seeds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1080-1089.	3.9	19
6	Fourier Transform Infrared and Raman Spectroscopy Studies of the Time-Dependent Changes in Chicken Meat as a Tool for Recording Spoilage Processes. <i>Food Analytical Methods</i> , 2017, 10, 640-648.	2.6	19
7	Syntheses, spectroscopic properties and molecular structure of silver phytate complexes - IR, UV-VIS studies and DFT calculations. <i>Journal of Molecular Structure</i> , 2018, 1156, 483-491.	3.6	19
8	Spectroscopic properties and molecular structure of copper phytate complexes: IR, Raman, UV-Vis, EPR studies and DFT calculations. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 11-20.	2.6	19
9	Hemp Seeds of the Polish "Białobrzeskie"™ and "Henola"™ Varieties (<i>Cannabis sativa</i> L. var. <i>sativa</i>) as Prospective Plant Sources for Food Production. <i>Molecules</i> , 2022, 27, 1448.	3.8	14
10	Spectroscopic Evidence of Thermal Changes in Plant Oils during Deep-Frying"Chemical and Infrared Studies. <i>Plants</i> , 2022, 11, 1813.	3.5	6
11	Synthesis, optical and magnetic studies of cerium and europium phytate complexes - new microporous materials. <i>Journal of Molecular Structure</i> , 2021, 1233, 130114.	3.6	3
12	Depth profiling of horse fat tissue using mid-infrared and confocal Raman microscope. <i>Spectroscopy Letters</i> , 2018, 51, 81-88.	1.0	2
13	NEW CHITOSAN WOUND DRESSING " FIRST STEP - THE CYTOTOXICITY EVALUATION. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2015, XX, 97-109.	0.1	1
14	Przemiany przetwórstwa spożywczego na tle przemysłu w Polsce z uwzględnieniem przemian własnościowych. <i>Zeszyty Naukowe SGGW W Warszawie - Problemy Rolnictwa Światowego</i> , 2019, 19(34), 140-150.	0.1	0
15	Physicochemical Characterization of the Loganic Acid"IR, Raman, UV-Vis and Luminescence Spectra Analyzed in Terms of Quantum Chemical DFT Approach. <i>Molecules</i> , 2021, 26, 7027.	3.8	0