Wojciech SÄsiadek

List of Publications by Year
in descending order

18	149	1163117 8	1199594 12
papers	citations	h-index	g-index

18	18	18	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic Evidence of Thermal Changes in Plant Oils during Deep-Fryingâ€"Chemical and Infrared Studies. Plants, 2022, 11, 1813.	3.5	6
2	Molecular structure and spectroscopic properties of new neodymium complex with 3-bromo-2-chloro-6-picolinic N-oxide showing the ligand-to-metal energy transfer. Journal of Molecular Structure, 2021, 1223, 128967.	3.6	8
3	Applying additivity rule to determine physico-chemical properties of edible oil blends based on known parameters of component oils. Å»ywnoÅ›Ä‡, 2021, 126, 133-149.	0.1	1
4	Crystal structure, conformation and vibrational characteristics of diethyl 4,4â€²-disulfanediylbis(6-methyl-2-phenylpyrimidine-5-carboxylate) â€“ A new pharmaceutical cure. Arabian Journal of Chemistry, 2019, 12, 881-896.	4.9	4
5	Potencjalne niebezpieczeÅ„stwo migracji metali ciÄ™Å¼kich z naczyÅ„ ceramicznych do Å¼ywnoÅ›ci. Przemysl Chemiczny, 2019, 1, 131-134.	0.0	0
6	Excited states of selected hydrazo-compounds on the example of 5-nitro-2-(2-phenylhydrazinyl)pyridine and its 3-, 4- or 6-methyl isomers. Journal of Molecular Structure, 2016, 1123, 80-91.	3.6	2
7	The role of hydrogen bonds in the crystals of 2-amino-4-methyl-5-nitropyridinium trifluoroacetate monohydrate and 4-hydroxybenzenesulfonate â€“ X-ray and spectroscopic studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 342-351.	3.9	6
8	Intra- and inter-molecular hydrogen bonds, conformation and vibrational characteristics of hydrazo-group in 5-nitro-2-(2-phenylhydrazinyl)pyridine and its 3-, 4- or 6-methyl isomers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 112, 263-275.	3.9	12
9	Vibrational spectra, crystal structure, DFT quantum chemical calculations and conformation of the hydrazo â€“ bond in 6-methyl-3-nitro-2-(2-phenylhydrazinyl)pyridine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 107, 317-325.	3.9	10
10	Molecular and crystal structures, vibrational studies and quantum chemical calculations of 3 and 5-nitroderivatives of 2-amino-4-methylpyridine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 952-962.	3.9	29
11	Molecular and crystal structure, IR and Raman spectra, and quantum chemical calculations for 2-hydroxy-3-cyano-4-methylpyridine. Vibrational Spectroscopy, 2010, 53, 189-198.	2.2	8
12	Synthesis, molecular structure, IR and Raman spectra as well as DFT chemical calculations for alkylamides of thiocyanoacetic acid. Journal of Raman Spectroscopy, 2009, 40, 2123-2134.	2.5	2
13	Crystal and molecular structure of 2â€aminopyridiniumâ€4â€hydroxybenzenosulfonateâ€"IR and Raman spectra, DFT calculations and physicochemical properties. Journal of Raman Spectroscopy, 2008, 39, 569-581.	2.5	14
14	IR and Raman studies, and DFT quantum chemical calculations of the vibrational levels for Î±-4-methylbenzophenone. Vibrational Spectroscopy, 2007, 43, 165-176.	2.2	9
15	Polarized IR and Raman spectra and ab initio calculations for bis(guanidine) zirconium bis(nitrilotriacetate) hydrate single crystal [C(NH2)3]2{Zr[N(CH2COO)3]2}(H2O)â€"The new laser Raman converter. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 969-984.	3.9	6
16	Polarized IR and Raman study and DFT chemical quantum calculations of the vibrational levels for benzophenone single crystal. Journal of Raman Spectroscopy, 2005, 36, 912-923.	2.5	10
17	Spontaneous and stimulated Raman scattering and infrared spectra of benzil(C14H10O2) crystal: promoting modes of the stimulated effect, anharmonicity and scaling factors of fundamental vibrations. Journal of Raman Spectroscopy, 2004, 35, 224-235.	2.5	4
18	Polarized Raman and infrared spectra of the salol crystalâ€"chemical quantum calculations of the vibrational normal modes. Vibrational Spectroscopy, 2004, 34, 253-268.	2.2	18