

# Wojciech SÄsiadek

## List of Publications by Year in descending order

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18  
papers

149  
citations

1163117

8  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular and crystal structures, vibrational studies and quantum chemical calculations of 3 and 5-nitroderivatives of 2-amino-4-methylpyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 952-962.	3.9	29
2	Polarized Raman and infrared spectra of the salol crystal – chemical quantum calculations of the vibrational normal modes. <i>Vibrational Spectroscopy</i> , 2004, 34, 253-268.	2.2	18
3	Crystal and molecular structure of 2-aminopyridinium-4-hydroxybenzenesulfonate – IR and Raman spectra, DFT calculations and physicochemical properties. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 569-581.	2.5	14
4	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 263-275.	3.9	12
5	Polarized IR and Raman study and DFT chemical quantum calculations of the vibrational levels for benzophenone single crystal. <i>Journal of Raman Spectroscopy</i> , 2005, 36, 912-923.	2.5	10
6	Vibrational spectra, crystal structure, DFT quantum chemical calculations and conformation of the hydrazo – bond in 6-methyl-3-nitro-2-(2-phenylhydrazinyl)pyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 107, 317-325.	3.9	10
7	IR and Raman studies, and DFT quantum chemical calculations of the vibrational levels for 1±4-methylbenzophenone. <i>Vibrational Spectroscopy</i> , 2007, 43, 165-176.	2.2	9
8	Molecular and crystal structure, IR and Raman spectra, and quantum chemical calculations for 2-hydroxy-3-cyano-4-methylpyridine. <i>Vibrational Spectroscopy</i> , 2010, 53, 189-198.	2.2	8
9	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. <i>Journal of Molecular Structure</i> , 2021, 1223, 128967.	3.6	8
10	Polarized IR and Raman spectra and ab initio calculations for bis(guanidine) zirconium bis(nitrilotriacetate) hydrate single crystal [C(NH <sub>2</sub> ) <sub>3</sub> ] <sub>2</sub> {Zr[N(CH <sub>2</sub> COO) <sub>3</sub> ] <sub>2</sub> }(H <sub>2</sub> O) – The new laser Raman converter. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 969-984.	3.9	6
11	The role of hydrogen bonds in the crystals of 2-amino-4-methyl-5-nitropyridinium trifluoroacetate monohydrate and 4-hydroxybenzenesulfonate – X-ray and spectroscopic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 342-351.	3.9	6
12	Spectroscopic Evidence of Thermal Changes in Plant Oils during Deep-Frying – Chemical and Infrared Studies. <i>Plants</i> , 2022, 11, 1813.	3.5	6
13	Spontaneous and stimulated Raman scattering and infrared spectra of benzil (C <sub>14</sub> H <sub>10</sub> O <sub>2</sub> ) crystal: promoting modes of the stimulated effect, anharmonicity and scaling factors of fundamental vibrations. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 224-235.	2.5	4
14	Crystal structure, conformation and vibrational characteristics of diethyl 4,4'-disulfanediybis(6-methyl-2-phenylpyrimidine-5-carboxylate) – A new pharmaceutical cure. <i>Arabian Journal of Chemistry</i> , 2019, 12, 881-896.	4.9	4
15	Synthesis, molecular structure, IR and Raman spectra as well as DFT chemical calculations for alkylamides of thiocynoacetic acid. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 2123-2134.	2.5	2
16	Excited states of selected hydrazo-compounds on the example of 5-nitro-2-(2-phenylhydrazinyl)pyridine and its 3-, 4- or 6-methyl isomers. <i>Journal of Molecular Structure</i> , 2016, 1123, 80-91.	3.6	2
17	Applying additivity rule to determine physico-chemical properties of edible oil blends based on known parameters of component oils. <i>Żywność</i> , 2021, 126, 133-149.	0.1	1
18	Potencjalne niebezpieczeństwo migracji metali ciężkich z naczyń ceramicznych do żywności. <i>Przemysł Chemiczny</i> , 2019, 1, 131-134.	0.0	0