

MaÅ,gorzata DomagaÅ,a

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	CH ⁺ -N and CH ⁺ -S Hydrogen Bonds Influence of Hybridization on Their Strength. <i>Journal of Physical Chemistry A</i> , 2005, 109, 5683-5688.	1.1	146
2	Role of C-H ⁺ -S and C-H ⁺ -N Hydrogen Bonds in Organic Crystal Structures The Crystal and Molecular Structure of 3-Methyl-2,4-diphenyl-(1,3)-thiazolidine-5-spiro-2- ϵ -adamantane and 3-Methyl-2,4,5,5-tetraphenyl-(1,3)-thiazolidine. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2730-2736.	1.1	92
3	Halogen bond, hydrogen bond and N ⁻ C interaction – On interrelation among these three noncovalent interactions. <i>Computational and Theoretical Chemistry</i> , 2012, 998, 26-33.	1.1	40
4	Synthesis, spectroscopy and antiproliferative activity of - and -platinum(II) complexes with diethyl (pyridin-4-ylmethyl)phosphate. X-ray crystal structure of -Pt(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2024-2031.	1.5	32
5	X ⁻ -H ⁻ and X ⁻ -N hydrogen bonds – Acetylene and hydrogen cyanide as proton acceptors. <i>Chemical Physics</i> , 2009, 363, 42-48.	0.9	29
6	The influence of substituent effect on noncovalent interactions in ternary complexes stabilized by hydrogen-bonding and halogen-bonding. <i>Computational and Theoretical Chemistry</i> , 2014, 1027, 173-178.	1.1	28
7	Extremely Strong Halogen Bond. The Case of a Double-Charge-Assisted Halogen Bridge. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5484-5492.	1.1	26
8	Hydrocarbons as proton donors in C-H ⁺ -N and C-H ⁺ -S hydrogen bonds. <i>Chemical Physics</i> , 2010, 367, 1-6.	0.9	22
9	Halogen bond versus hydrogen bond: The many-body interactions approach. <i>International Journal of Quantum Chemistry</i> , 2017, 117, e25348.	1.0	21
10	The substituent effect on benzene dications. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4752-4763.	1.3	17
11	Spectroscopic and theoretical studies on some new pyrrol-2-yl-chloromethyl ketones. <i>New Journal of Chemistry</i> , 2010, 34, 556.	1.4	15
12	Conformers of diheteroaryl ketones and thioketones: a quantum chemical study of their properties and fundamental intramolecular energetic effects. <i>Structural Chemistry</i> , 2016, 27, 855-869.	1.0	15
13	New Studies on [2+3] Cycloadditions of Thermally Generated N-Isopropyl- and N-(4-Methoxyphenyl)-Substituted Azomethine Ylides. <i>Helvetica Chimica Acta</i> , 2004, 87, 496-510.	1.0	14
14	Crystal and molecular structure of (r-2, c-4)-3-benzyl-2,4,5,5-tetraphenyl-1,3-thiazolidine, intramolecular C-H ⁺ -S hydrogen bonds. <i>Journal of Molecular Structure</i> , 2004, 690, 69-75.	1.8	13
15	Thermal [2+3] Cycloadditions of <i>cis</i> -2,3-Dimethyl-2,3-diphenylaziridine with C ₁₂ S and C ₁₂ C Dipolarophiles: An Unexpected Course with Dimethyl Dicyanofumarate. <i>Helvetica Chimica Acta</i> , 2009, 92, 2631-2642.	1.0	13
16	Heteroatom and solvent effects on molecular properties of formaldehyde and thioformaldehyde symmetrically disubstituted with heterocyclic groups C ₄ H ₃ Y (where Y = O, S, Se, Te, Po). <i>Journal of Molecular Modeling</i> , 2017, 23, 268.	0.8	13
17	UV-vis spectra of singlet state cationic polycyclic aromatic hydrocarbons: Time-dependent density functional theory study. <i>Journal of Chemical Physics</i> , 2014, 140, 044324.	1.2	6
18	Resonance-Assisted Hydrogen Bond – Revisiting the Original Concept in the Context of Its Criticism in the Literature. <i>International Journal of Molecular Sciences</i> , 2022, 23, 233.	1.8	6

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19	1,3-Thiazolidine derivatives from regioselective [2+3]-cycloadditions of azomethine ylides with thioketones. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o250-o253.	0.4	3
20	Crystal Structure of Two Dimethyl 1,3-Thiazolidinedicarboxylates Obtained in Thermal [2 + 3]Cycloaddition of an Azomethine Ylide with 2,2,4,4-Tetramethyl-3-Thioxocyclobutanone. <i>Structural Chemistry</i> , 2005, 16, 55-59.	1.0	1
21	Dimethyl 3,4,5,5-tetraphenyl-1,3-thiazolidine-2,2-dicarboxylate and 3,3-dichloro-2,2,4,4,3- ϵ^2 -pentamethyl-r-2 α^2 ,t-4 ϵ^2 -diphenylcyclobutane-1-spiro-5 ϵ^2 -1,3-thiazolidine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, o595-o599.	0.4	0