

Andrzej J³Å⁰wiak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Application of Organolithium and Related Reagents in Synthesis; Part 17: Synthesis of Azaisoindolo[2,1-a]quinoline Derivatives. <i>Synthesis</i> , 1996, 1996, 1212-1216.	2.3	41
2	Reactions of the N,N-dialkylpyridylcarboxylic amides with lithium amides. Regioselective lithiation of N,N-diisopropylpyridylcarboxylic amides, a useful method for synthesis of 2,3- and 3,4-disubstituted pyridines. <i>Tetrahedron Letters</i> , 1980, 21, 4739-4742.	1.4	38
3	The dual behaviour of N,N-dialkylpyridylcarboxylic amides in the reaction with lithium diisopropylamide. <i>Tetrahedron Letters</i> , 1983, 24, 4735-4738.	1.4	36
4	Synthesis, structure, electrochemical properties, cytotoxic effects and antioxidant activity of 5-amino-8-methyl-4H-benzopyran-4-one and its copper(II) complexes. <i>Polyhedron</i> , 2012, 31, 150-158.	2.2	35
5	Experimental and theoretical electron-density study of three isoindole derivatives: topological and Hirshfeld surface analysis of weak intermolecular interactions. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 569-581.	1.8	29
6	Benzotriazole-assisted synthesis of enamines. <i>Tetrahedron</i> , 1990, 46, 8153-8160.	1.9	27
7	Application of Organolithium and Related Reagents in Synthesis. Part 23: Synthetic Strategies Based on ortho-Aromatic Metallation. Synthesis of 4b-Arylisoindolo[2,1-a]quinoline derivatives. <i>Tetrahedron</i> , 2000, 56, 4837-4844.	1.9	25
8	Isomerizations of N-(\pm -aminoalkyl)-1,2,4-triazoles and N-(\pm -aminoalkyl)tetrazoles. <i>Tetrahedron</i> , 1990, 46, 633-640.	1.9	23
9	Secondary Amides as ortho-Directed Metallation Groups for Arenes; a Useful Construction Way of the Polysubstituted Aromatic and Heteroaromatic Systems. <i>Current Organic Chemistry</i> , 2006, 10, 1817-1848.	1.6	23
10	Synthesis, X-ray structure, electrochemical properties and cytotoxic effects of new arene ruthenium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 64-70.	1.8	22
11	Substituted benzoquinazolinones. Part 1: Synthesis of 6-aminobenzo[h]quinazolinones via Buchwald-Hartwig amination from 6-bromobenzo[h]quinazolinones. <i>Tetrahedron</i> , 2014, 70, 5153-5160.	1.9	21
12	Application of organolithium and related reagents in synthesis, part VI. A general study of the lithiation of secondary picoline- and isonicotinic amides. <i>Monatshefte für Chemie</i> , 1990, 121, 909-921.	1.8	20
13	Application of organolithium and related reagents in synthesis. Part 13. Synthetic strategies based on aromatic metallation. A concise regiospecific conversion of benzoic acids into 4-hydroxy-1-arylnaphthalenes. <i>Tetrahedron</i> , 1993, 49, 929-938.	1.9	19
14	Dynamic ¹ H NMR spectroscopic study of hindered internal rotation in selected N,N-dialkyl isonicotinamides: an experimental and DFT analysis. <i>Tetrahedron</i> , 2013, 69, 8147-8154.	1.9	17
15	Application of organolithium and related reagents in synthesis. Part 18. Synthetic strategies based on aromatic metallation. A conversion of methyl ortho-pyridoylbenzoates into aza-anthra-5,10-quinones. <i>Tetrahedron</i> , 1996, 52, 11025-11036.	1.9	16
16	Synthesis of phosphorylated isoindolinone derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 2420-2422.	1.4	14
17	Thermodynamics of interactions of Na ⁺ ion with 15-crown-5 ether in the mixtures of water with dimethylsulfoxide at 298.15 K. <i>Journal of Molecular Liquids</i> , 2003, 106, 15-29.	4.9	12
18	Substituted benzoquinazolinones. Part 2: Synthesis of amino-, and sulfanyl-derivatives of benzo[f]- and benzo[h]quinazolinones. <i>Tetrahedron</i> , 2015, 71, 9463-9473.	1.9	11

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19	Studies of homogeneous interactions of N-acetyl-L-methyl-L-amino acid amides in water at 298.15K. <i>Thermochimica Acta</i> , 2009, 489, 1-4.	2.7	10
20	Effect of properties of the N,N -dimethylformamide-methanol and N,N -dimethylformamide-water mixtures on the solution enthalpy of glymes in these mixtures at 298.15 K. <i>Thermochimica Acta</i> , 2017, 652, 53-61.	2.7	10
21	Application of organolithium and related reagents in synthesis. Part 14. Synthetic strategies based on aromatic metallation. A concise regioselective conversion of benzoic acids into their ortho-pyridoyl derivatives. <i>Tetrahedron</i> , 1994, 50, 2907-2916.	1.9	9
22	Behaviour of N-Pyridylbenzamides versus Benzanilides in the ortho-Directed Lithiation of Masked Aromatic Carboxylic Acids. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3254-3261.	2.4	8
23	Influence of structure on the isomerization of dialkylaminoalkylbenzotriazoles. <i>Journal of Physical Organic Chemistry</i> , 1990, 3, 289-294.	1.9	7
24	Quantifying intermolecular interactions for isoindole derivatives: substituent effect vs. crystal packing. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 675-687.	0.8	7
25	Unexpected Rearrangement of Dilithiated Isoindoline-1,3-diols into 3-Aminoindan-1-ones via N-Lithioaminoarylcarbenes: A Combined Synthetic and Computational Study. <i>Journal of Organic Chemistry</i> , 2019, 84, 11425-11440.	3.2	7
26	Application of Organolithium and Related Reagents in Synthesis; XX. Synthesis of 4b-Phenylazaisoindolo[2,1-a]quinoline Derivatives. <i>Synthetic Communications</i> , 1998, 28, 451-461.	2.1	6
27	Studies of heterogeneous interactions between N-acetyl-L-methyl-L-amino acid amides and urea molecules in water at 298.15K. <i>Thermochimica Acta</i> , 2010, 501, 19-23.	2.7	6
28	Electronic properties of two adjacent intramolecular hydrogen bonds and their effects to the molecular charge distribution: Experimental synchrotron microcrystal and DFT computational study. <i>Chemical Physics</i> , 2012, 407, 20-28.	1.9	5
29	Enthalpy of solution of hexaglyme in mixtures of water with N,N-dimethylformamide at 298.15K. <i>Journal of Molecular Liquids</i> , 2014, 199, 224-226.	4.9	5
30	Complex Formation of Crown Ethers and Cations in Water-Organic Solvent Mixtures: Part XI. Effects of the Preferential Solvation of Benzo-15-Crown-5 and Acid-Base Properties of the Mixtures on the Thermodynamic Functions for Complex Formation of Benzo-15-Crown-5 with Na ⁺ in Propan-1-ol-Water Mixtures at 298.15 K. <i>Journal of Solution Chemistry</i> , 2009, 38, 1283-1294.	1.2	4
31	Synthesis of Selenium Derivatives of 3-Hydroxy-2-substituted-2,3-dihydroisoindol-1-ones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 1502-1507.	1.6	3
32	The effect of carbonyl carbon atom replacement in acetone molecule (ACN) by sulfur atom (DMSO): Part II. Thermodynamic functions of complex formation of crown ethers with Na ⁺ in mixed solvents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 307-314.	3.6	3
33	Synthesis of Some Aminophosphonates Bearing N-(Fluorophenyl)piperazynyl Moiety and Their Activity toward Serotonin Receptors. <i>Heteroatom Chemistry</i> , 2015, 26, 290-298.	0.7	2
34	A hitherto undescribed addition of the lithium salt of dimethyl methylphosphonate to N-substituted phthalimides. <i>Tetrahedron Letters</i> , 2016, 57, 1835-1837.	1.4	2
35	Solvation enthalpy of selected glymes in the mixtures of N,N-dimethylformamide with propan-1-ol or methanol at 298.15 K. The solvent contribution to the solvation enthalpy of glymes. <i>Journal of Molecular Liquids</i> , 2020, 314, 113733.	4.9	2
36	Effect of temperature and solvent properties on the process of complex formation between crown ether 15C5 and Na ⁺ in the (propan-1-ol + water) mixture at temperatures from T = 293.15 K to T = 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 321-329.	2.0	1

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37	Heat capacity of six glymes in N,N-dimethylformamide+water mixtures. Solvation of glymes. Journal of Molecular Liquids, 2022, 361, 119624.	4.9	0