Andrzej Nowacki

List of Publications by Year
in descending order

35	307	1163117 8	996975 15
papers	citations	h-index	g-index

36	36	36	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	5-Fluorouracilâ€"Complete Insight into Its Neutral and Ionised Forms. Molecules, 2019, 24, 3683.	3.8	41
2	Fully acetylated 1,5-anhydro-2-deoxypent-1-enitols and 1,5-anhydro-2,6-dideoxyhex-1-enitols in DFT level theory conformational studies. Carbohydrate Research, 2012, 352, 177-185.	2.3	31
3	Comparative conformational studies of 3,4,6-tri- O -acetyl-1,5-anhydro-2-deoxyhex-1-enitols at the DFT level. Carbohydrate Research, 2018, 462, 13-27.	2.3	23
4	Calculations of pKaValues of Selected Pyridinium and Its N-Oxide Ions in Water and Acetonitrile. Journal of Physical Chemistry A, 2020, 124, 538-551.	2.5	22
5	Acetylated methyl 1,2-dideoxyhex-1-enopyranuronates in density functional theory conformational studies. Carbohydrate Research, 2013, 371, 1-7.	2.3	21
6	N-Alkyl derivatives of diosgenyl 2-amino-2-deoxy-Î²-D-glucopyranoside; synthesis and antimicrobial activity. Beilstein Journal of Organic Chemistry, 2015, 11, 869-874.	2.2	13
7	Theoretical studies of the formation of quaternary ammonium mesylates. Computational and Theoretical Chemistry, 2011, 973, 53-61.	2.5	11
8	Determination of the protonation and deprotonation centres for isomers of methyl 3-azido-2,3-dideoxyhexopyranosides. Computational and Theoretical Chemistry, 2005, 714, 1-6.	1.5	9
9	Studies of the formation of N-substituted pyridinium mesylates: A theoretical approach. Computational and Theoretical Chemistry, 2012, 1000, 33-41.	2.5	9
10	Methyl 3-Amino-2,3,6,-trideoxy-l-hexopyranosides in DFT Level Theory Conformational Studies. Journal of Physical Chemistry A, 2008, 112, 7072-7079.	2.5	8
11	Theoretical studies of the formation of quaternary pyridinium mesylates. Computational and Theoretical Chemistry, 2012, 986, 85-92.	2.5	8
12	Diosgenyl 2-amino-2-deoxy-Î²-D-galactopyranoside: synthesis, derivatives and antimicrobial activity. Beilstein Journal of Organic Chemistry, 2017, 13, 2310-2315.	2.2	8
13	Acid-catalyzed isomerization of methyl 2-deoxy-d-arabino-hexosides: equilibria, kinetics and mechanism. Carbohydrate Research, 2002, 337, 265-272.	2.3	7
14	Methyl 4-O-Acetyl-3-azido- and 3-Azido-4-O-methylsulfonyl-2,3,6,-trideoxyhex-5- enopyranosides in DFT-Level Conformational Studies. Journal of Physical Chemistry A, 2007, 111, 4397-4403.	2.5	7
15	Influence of a 4â€²-substituent on the efficiency of flavonol-based fluorescent indicators of Î²-glycosidase activity. Organic and Biomolecular Chemistry, 2020, 18, 7635-7648.	2.8	7
16	Proton-acceptor properties and capability for mutarotation of some glucosylamines in methanol. Carbohydrate Research, 2004, 339, 1439-1445.	2.3	6
17	DFT studies of conversion of methyl chloride and three substituted chloromethyl tetrahydrofuran derivatives during reaction with trimethylamine. Journal of Molecular Modeling, 2013, 19, 4403-4417.	1.8	6
18	DFT studies of the conversion of four mesylate esters during reaction with ammonia. Journal of Molecular Modeling, 2013, 19, 3015-3026.	1.8	6

#	Article	IF	Citations
19	DFT studies of the formation of furanoid derivatives of ammonium chlorides. Journal of Molecular Graphics and Modelling, 2015, 56, 74-83.	2.4	6
20	Theoretical studies on the reaction of mono- and ditriflate derivatives of 1,4:3,6-dianhydro-d-mannitol with trimethylamineâ€"Can a quaternary ammonium salt be a source of the methyl group?. Journal of Computer-Aided Molecular Design, 2016, 30, 13-26.	2.9	6
21	Antimicrobial, Cytotoxic and Mutagenic Activity of Gemini QAS Derivatives of 1,4:3,6-Dianhydro-l-iditol. Molecules, 2022, 27, 757.	3.8	6
22	Preparation, chemical and crystal structures of N-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-Î²-d-glucopyranosyl)pyridinium chloride. Carbohydrate Research, 2000, 329, 703-707.	2.3	5
23	Theoretical studies of the mechanism of the BrÃ¶nsted-acid-catalyzed glycosidation of Î±- and Î²-d-glucofuranurono-6,3-lactone. Computational and Theoretical Chemistry, 2003, 664-665, 217-228.	1.5	5
24	The synthesis and structure of gemini QASs of 1,4:3,6-dianhydro-l-iditol. Journal of Molecular Structure, 2015, 1101, 228-235.	3.6	5
25	Conformational studies of N -(Î±- d -glucofuranurono-6,3-lactone)- and N -(methyl Î²- d) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.3	5
26	X-ray diffraction and high resolution NMR spectroscopy analysis of methyl Î²-d-glucofuranosidurono-6,3-lactone. Carbohydrate Research, 1998, 308, 431-433.	2.3	4
27	Molecular and crystal structures of N-(Î²-d-galactopyranosyl)pyridinium bromide and its per-O-acetylated derivative. Carbohydrate Research, 2001, 330, 431-435.	2.3	4
28	The conformational behavior, geometry and energy parameters of Menshutkin-like reaction of O-isopropylidene-protected glycofuranoid mesylates in view of DFT calculations. Journal of Molecular Graphics and Modelling, 2014, 52, 91-102.	2.4	4
29	Methyl transfer in quaternary alkylammonium salts, derivatives of 1,4:3,6-dianhydrohexitols. Journal of Molecular Structure, 2020, 1206, 127701.	3.6	3
30	Crystal structure of N-(tri-O-acetyl-Î±-d-xylopyranosyl)pyridinium bromide. Carbohydrate Research, 2001, 333, 257-261.	2.3	2
31	Conformational studies of diosgenyl 2-amino-2-deoxy-Î²-d-glucopyranosides at the PM3 and DFT levels of theory. Carbohydrate Research, 2013, 377, 4-13.	2.3	2
32	Oligomers and peptidomimetics consisting of methyl 3-amino-2,3-dideoxyhexopyranosiduronic acids. Tetrahedron, 2015, 71, 2013-2024.	1.9	2
33	Influence of the oxime and anomeric configurations on the stability of 2-deoxy-2-hydroxyimino- d -hexopyranosides. Journal of Molecular Structure, 2016, 1125, 558-569.	3.6	2
34	Threocytidines: Insight into the Conformational Preferences of Artificial Threose Nucleic Acid (TNA) Building Blocks in B3LYP Studies. Journal of Molecular Graphics and Modelling, 2018, 80, 157-172.	2.4	2
35	Cyclophosphamide and isophosphamide â€“ DFT conformational studies in the gas phase and solution. Journal of Molecular Graphics and Modelling, 2019, 90, 243-257.	2.4	1