Donata Pluskota-Karwatka

List of Publications by Year
in descending order

27	143	1162367 8	1281420 11
papers	citations	h-index	g-index

28	28	28	158
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modifications of nucleosides by endogenous mutagensâ€“DNA adducts arising from cellular processes. Bioorganic Chemistry, 2008, 36, 198-213.	2.0	19
2	Formation of adducts in the reaction of glyoxal with 2â€²-deoxyguanosine and with calf thymus DNA. Bioorganic Chemistry, 2008, 36, 57-64.	2.0	19
3	Formation of Malonaldehydeâ^'Acetaldehyde Conjugate Adducts in Calf Thymus DNA. Chemical Research in Toxicology, 2006, 19, 921-926.	1.7	16
4	Reducing SARS-CoV-2 pathological protein activity with small molecules. Journal of Pharmaceutical Analysis, 2021, 11, 383-397.	2.4	11
5	Identification of Adducts Formed in the Reactions of Malonaldehydeâ€“glyoxal and Malonaldehydeâ€“methylglyoxal with Adenosine and Calf Thymus DNA. Chemistry and Biodiversity, 2010, 7, 959-974.	1.0	10
6	Identification of Conjugate Adducts Formed in the Reactions of Malonaldehyde-Acetaldehyde and Malonaldehyde-Formaldehyde with Cytidine. Chemical Research in Toxicology, 2002, 15, 110-117.	1.7	9
7	Formation of Conjugate Adducts in the Reactions of Malonaldehydeâ^'Acetaldehyde and Malonaldehydeâ^'Formaldehyde with Guanosine. Chemical Research in Toxicology, 2005, 18, 300-307.	1.7	9
8	Perfluorophenyl phosphonate analogues of aromatic amino acids: Synthesis, X-ray and DFT studies. Tetrahedron, 2018, 74, 975-986.	1.0	8
9	Synthesis and structural characterization of single-walled carbon nanotubes functionalized with fluorinated phosphonate analogues of phenylglycine, as promising materials for synthetic and biomedical applications. Journal of Molecular Structure, 2020, 1210, 128027.	1.8	6
10	Synthesis, structural studies and stability of model cysteine containing DNAâ€“protein cross-links. New Journal of Chemistry, 2017, 41, 2409-2424.	1.4	4
11	Experimental and theoretical studies on fluvastatin primary photoproduct formation. Physical Chemistry Chemical Physics, 2017, 19, 21946-21954.	1.3	4
12	New insight into the molecular mechanism of protein cross-linking induced by cis-2-butene-1,4-dial, the metabolite of furan: Formation of 2-substituted pyrrole cross-links involving the cysteine and lysine residues. Bioorganic Chemistry, 2022, 125, 105852.	2.0	4
13	Reactivity of the Malonaldehydeâ€Glyoxal and Malonaldehydeâ€Methylglyoxal Adducts of Adenine Nucleosides toward Amino Acid Crossâ€Link Formation. European Journal of Organic Chemistry, 2012, 2012, 4797-4804.	1.2	3
14	Transformations of Statins: Effect of Light and pH. Current Organic Chemistry, 2018, 22, 1926-1939.	0.9	3
15	Reactions Of Malonaldehyde And Acetaldehyde With Calf Thymus Dna: Formation Of Conjugate Adducts. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 567-571.	0.4	2
16	Studies on the reactions between the DNA bases and a model Î±,Î²-unsaturated oxoaldehyde. New Journal of Chemistry, 2015, 39, 9171-9180.	1.4	2
17	Synthesis, structural studies and biological properties of some phosphono-perfluorophenylalanine derivatives formed by S_NAr reactions. RSC Advances, 2019, 9, 24117-24133.	1.7	2
18	Fluorinated phosphonate analogues of phenylalanine: Synthesis, X-ray and DFT studies. Arabian Journal of Chemistry, 2020, 13, 2384-2399.	2.3	2

#	Article	IF	Citations
19	Phototransformations of pitavastatin - The inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A reductase. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 389, 112243.	2.0	2
20	Computational studies on statins photoactivity. ChemistrySelect, 2023, 8, 239-258.	0.7	2
21	NanoUPLC-QTOF-MS/MS Determination of Major Rosuvastatin Degradation Products Generated by Gamma Radiation in Aqueous Solution. Pharmaceuticals, 2021, 14, 1160.	1.7	2
22	Characterization of Adducts Formed in the Reactions of Methylglyoxal and Malonaldehyde with Lysine and Histidine Derivatives. Helvetica Chimica Acta, 2015, 98, 842-850.	1.0	1
23	Structural studies of malonaldehydeâ€“glyoxal and malonaldehydeâ€“methylglyoxal etheno adducts of adenine nucleosides based on spectroscopic methods and DFT-GIAO calculations. New Journal of Chemistry, 2016, 40, 3875-3884.	1.4	1
24	Qualitative LC-MS/MS identification, formation, and stability of adducts and cross-links arising from the reactions of glutathione with the model enal systems. Current Organic Chemistry, 2021, 25, .	0.9	1
25	Mechanochemical Synthesis of Fluorinated Imines. Molecules, 2022, 27, 4557.	1.7	1
26	Identification of an adduct formed in the reaction of malonaldehyde-glyoxal with adenosine. , 2005, , .		0
27	Cross-linking induced by the conjugate malonaldehyde-glyoxal and malonaldehyde-methylglyoxal adducts of 2'-deoxyadenosine. , 2011, , .		0