

Ahmed I Khodair

List of Publications by Year in descending order

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361413

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citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and biological evaluation of novel thiohydantoin derivatives as antiproliferative agents: A combined experimental and theoretical assessments. Journal of Molecular Structure, 2022, 1249, 131574.	3.6	13
2	Design, synthesis, and computational explorations of novel 2-thiohydantoin nucleosides with cytotoxic activities. Journal of Heterocyclic Chemistry, 2022, 59, 664-685.	2.6	7
3	Synthesis of novel d- α -galactopyranosyl-L-seryl/L-threonyl-L-alanyl-L-alanine as useful precursors of new glycopeptide antibiotics with computational calculations studies. Carbohydrate Research, 2022, 514, 108546.	2.3	12
4	Evaluation of 2-Thioxoimidazolidin-4-one Derivatives as Potent Anti-Cancer Agents through Apoptosis Induction and Antioxidant Activation: In Vitro and In Vivo Approaches. Molecules, 2022, 27, 83.	3.8	14
5	Synthesis, characterization, antibacterial activities, molecular docking, and computational investigation of novel imine-linked covalent organic framework. Journal of Molecular Liquids, 2022, 358, 119191.	4.9	18
6	Synthesis, anti-cancer activity, gene expression and docking stimulation of 2-thioxoimidazolidin-4-one derivatives. Journal of Molecular Structure, 2022, 1265, 133401.	3.6	12
7	Synthesis, antiviral, DFT and molecular docking studies of some novel 1,2,4-triazine nucleosides as potential bioactive compounds. Carbohydrate Research, 2021, 500, 108246.	2.3	22
8	Design, synthesis, DFT, molecular modelling studies and biological evaluation of novel 3-substituted (E)-5-(arylidene)-1-methyl-2-thioxoimidazolidin-4-ones with potent cytotoxic activities against breast MCF-7, liver HepG2, and lung A549. Journal of Molecular Structure, 2021, 1229, 129805.	3.6	13
9	Removal of heavy metals by covalent organic frameworks (COFs): A review on its mechanism and adsorption properties. Journal of Environmental Chemical Engineering, 2021, 9, 105687.	6.7	114
10	New N-ribosides and N-mannosides of rhodanine derivatives with anticancer activity on leukemia cell line: Design, synthesis, DFT and molecular modelling studies. Carbohydrate Research, 2020, 487, 107894.	2.3	26
11	Design, synthesis, characterization and biological evaluation of Thieno[2,3-b]pyridines-chitosan nanocomposites as drug delivery systems for colon targeting. Carbohydrate Research, 2020, 492, 107990.	2.3	7
12	New 2-Oxopyridine/2-Thiopyridine Derivatives Tethered to a Benzotriazole with Cytotoxicity on MCF7 Cell Lines and with Antiviral Activities. Letters in Drug Design and Discovery, 2020, 17, 124-137.	0.7	12
13	Simple and Efficient Synthesis of Novel 3-Substituted 2-Thioxo-2,3-dihydro-1H-benzo[g]quinazolin-4-ones and Their Reactions with Alkyl Halides and α -Glycopyranosyl Bromides. Journal of Heterocyclic Chemistry, 2019, 56, 2358-2368.	2.6	12
14	Synthesis, molecular modeling and anti-cancer evaluation of a series of quinazoline derivatives. Carbohydrate Research, 2019, 486, 107832.	2.3	47
15	Discovery of New S-Glycosides and N-Glycosides of Pyridine-biphenyl System with Antiviral Activity and Induction of Apoptosis in MCF7 Cells. Journal of Heterocyclic Chemistry, 2019, 56, 1733-1747.	2.6	17
16	Design, Synthesis and Cytotoxicity Evaluation of New 3, 5-Disubstituted-2-Thioxoimidazolidinones. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 573-582.	1.7	13
17	Positron annihilation lifetime studies of changes in free volume on some biorelevant nitrogen heterocyclic compounds and their S-glycosylation. Applied Radiation and Isotopes, 2015, 105, 303-307.	1.5	4
18	A new approach for the N- and S-galactosylation of 5-arylidene-2-thioxo-4-thiazolidinones. Carbohydrate Research, 2011, 346, 2831-7.	2.3	9

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19	A Convenient Synthesis of Pyrano[2,3- <i>b</i>][1,5]oxazepines by Ring Closure of <i>O</i> -Glycosyl Amino Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7407-7413.	2.4	13
20	Structural elucidation and evaluation of toxicity and antitumor activity of cardiac glycosides isolated from <i>Leptadenia pyrotechnica</i> . <i>Pharmaceutical Biology</i> , 2009, 47, 826-834.	2.9	10
21	Isolation, structural elucidation of flavonoid constituents from <i>Leptadenia pyrotechnica</i> and evaluation of their toxicity and antitumor activity. <i>Pharmaceutical Biology</i> , 2009, 47, 539-552.	2.9	42
22	GC-MS investigation and toxicological evaluation of alkaloids from <i>Leptadenia pyrotechnica</i> . <i>Pharmaceutical Biology</i> , 2009, 47, 994-1003.	2.9	13
23	Phytochemical Investigation and Toxicological Studies of Lipid Constituents Isolated from <i>Leptadenia pyrotechnica</i> . <i>Journal of Pharmacology and Toxicology</i> , 2007, 2, 681-697.	0.2	9
24	Synthesis of 15H-Isoquino[2,3:3,4]imidazo[2,1- <i>b</i>]quinazoline-7,13,15-triones and 14H-isoquino[2,3:3,4]imidazo[2,1- <i>b</i>]benzo[<i>g</i>]quinazoline-8,14,16-trione as New Polycyclic Fused-Ring Systems.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
25	A Convenient Route to <i>O</i> -Glycosyl Lactates via Conjugate Addition to 2-Nitroglycals: Ring Closure to Novel Pyrano[2.3- <i>b</i>][1,4]-oxazines. <i>Synthesis</i> , 2004, 2004, 53-58.	2.3	1
26	Thiohydantoin Nucleosides. Synthesis Approaches. <i>Monatshefte für Chemie</i> , 2004, 135, 1061.	1.8	15
27	SYNTHESIS OF 15H-ISOQUINO[2,3:3,4]IMIDAZO[2,1- <i>B</i>]QUINAZOLINE-7,13,15-TRIONES AND 14H-ISOQUINO[2,3:3,4]IMIDAZO[2,1- <i>B</i>]BENZO[<i>C</i>]QUINAZOLINE-8,14,16-TRIONE AS NEW POLYCYCLIC FUSED-RING SYSTEMS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 2653-2665.	1.6	7
28	Conjugate Addition of Phenols to 2-Nitrogalactal - Synthesis of <i>O</i> -(2-Acetamido-2-deoxygalactosyl)tyrosine. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1847-1852.	2.4	26
29	<i>O</i> -Glycosyl Amino Acids by 2-Nitrogalactal Concatenation - Synthesis of a Mucin-Type <i>O</i> -Glycan. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1009-1021.	2.4	34
30	A Convenient Synthesis of 2-Arylidene-5H-thiazolo[2,3- <i>b</i>]quinazoline-3,5[2H]-diones and Their Benzoquinazoline Derivatives.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
31	A New Approach to the Synthesis of Benzothiazole, Benzoxazole, and Pyridine Nucleosides as Potential Antitumor Agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 2061-2076.	1.1	19
32	Synthesis of <i>N</i> -Substituted 1-Amino-2,3-dihydro-1H-imidazole-2-thione- <i>N</i> -nucleosides and <i>S</i> -Glycosylated Derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 299-307.	1.1	8
33	Some 2-Modified 4-Thionucleosides via Sulfur Participation and Synthesis of Thio-Azt from 4-Thiofuranoid 1,2-Glycal. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 1199-1209.	1.6	5
34	Synthesis of 3-Substituted 5-Arylidene-1-methyl-2-thiohydantoins under Microwave Irradiation. <i>Heterocycles</i> , 2002, 57, 1017.	0.7	22
35	A Convenient Preparation of 2-(2-Arylidene)- and 2-(2-Polyhydroxyalkylidene)hydrazono-4-imidazolidinones with Various Heterocyclic Side Chain Substituents at Position 5 as Potential Antiviral and Antitumor Agents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1157-1173.	1.6	5
36	A convenient synthesis of 2-Arylidene-5H-thiazolo[2,3- <i>b</i>]quinazoline-3,5[2H]-diones and their benzoquinazoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 1153-1160.	2.6	57

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37	Synthesis of C-glycosyl compounds of N-acetylneuraminic acid from d-gluconolactone. Carbohydrate Research, 2002, 337, 1967-1978.	2.3	13
38	SYNTHESIS, REACTIONS AND CONFORMATIONAL ANALYSIS OF 5-ARYLIDENE-2-THIOHYDANTOINS AS POTENTIAL ANTIVIRAL AGENTS. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 170, 261-278.	1.6	19
39	SYNTHESIS OF 2-THIOHYDANTOINS AND THEIR S-GLUCOSYLATED DERIVATIVES AS POTENTIAL ANTIVIRAL AND ANTITUMOR AGENTS. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 1735-1750.	1.1	22
40	Glycosylation of 2-thiohydantoin derivatives. Synthesis of some novel S-alkylated and S-glucosylated hydantoin. Carbohydrate Research, 2001, 331, 445-453.	2.3	39
41	Synthesis of substituted quinolines and heterocyclo[x,y-c]quinolines by the nucleophilic substitution and rearrangements of 4-chloro-2-methyl-3-nitroquinolines. Heterocyclic Communications, 1999, 5, .	1.2	5
42	Discussion. Carbohydrate Research, 1998, 306, 567-573.	2.3	22
43	A new approach to the synthesis of substituted 4-imidazolidinones as potential antiviral and antitumor agents. Tetrahedron, 1998, 54, 4859-4872.	1.9	86
44	SYNTHESIS, CONFORMATIONAL ANALYSIS AND ANTITUMOR TESTING OF 5-(<i>Z</i>)-ARYLIDENE-4-IMIDAZOLIDINONE DERIVATIVES. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 140, 159-181.	1.6	27
45	SULFUR GLYCOSYLATION REACTIONS INVOLVING 3-ALLYL-2-THIOHYDANTOIN NUCLEOSIDE BASES AS POTENTIAL ANTIVIRAL AND ANTITUMOR AGENTS. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 142, 167-190.	1.6	20
46	A CONVENIENT SYNTHESIS OF GLYCOSYLATED HYDANTOINS AS POTENTIAL ANTIVIRAL AGENTS. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 122, 9-26.	1.6	7
47	Glycosylation of 2-Thiouracil Derivatives. A Synthetic Approach to 3-Glycosyl-2, 4-dioxypyrimidines. Nucleosides & Nucleotides, 1997, 16, 433-444.	0.5	22
48	5-Substituted-2-thiohydantoin analogs as a novel class of antitumor agents. Anti-Cancer Drugs, 1996, 7, 873-880.	1.4	95
49	Synthesis of Hydantoin Nucleosides with Naphthylmethylene Substituents in the 5-Position. Nucleosides & Nucleotides, 1996, 15, 1927-1943.	0.5	10
50	Synthesis of 3- ² -Amino and 5- ² -Amino Hydantoin 2- ² -Deoxynucleosides. Nucleosides & Nucleotides, 1994, 13, 707-717.	0.5	17
51	Synthesis and evaluation of antiviral activity of 2'-deoxyuridines with 5-methylene-2-thiohydantoin substituents in the 5-position. Monatshefte für Chemie, 1994, 125, 593-598.	1.8	31
52	Convergent synthesis of 2',3'-dideoxy-3'-mercapto nucleosides ? Potential anti-HIV agents. Monatshefte für Chemie, 1994, 125, 1017-1025.	1.8	8
53	Synthesis and Antiviral Evaluation of Hydantoin Analogues of AZT. Archiv Der Pharmazie, 1994, 327, 653-655.	4.1	21
54	S-Glucosylated hydantoin as new antiviral agents. Journal of Medicinal Chemistry, 1994, 37, 73-77.	6.4	120

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55	Hydantoin analogs of thymidine. Journal of Organic Chemistry, 1993, 58, 5994-5999.	3.2	36
56	Thio Nucleoside Derivatives as Intermediates or Target Compounds in the Attempt of Finding New Agents Against HIV. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 74, 465-466.	1.6	1
57	Design, synthesis, molecular docking and cytotoxicity evaluation of some novel 5-arylidene-3-(substituted phenyl)-2-(p-tolylamino)-4-imidazolones. Journal of Applied Pharmaceutical Science, 0, , .	1.0	0