

Yaseen A Al-Soud

List of Publications by Year in descending order

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65
papers

1,396
citations

361413

20
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345221

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82
docs citations

82
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antitumor and antiviral properties of some 1,2,4-triazole derivatives. <i>Il Farmaco</i> , 2004, 59, 775-783.	0.9	219
2	Synthesis and properties of new substituted 1,2,4-triazoles: potential antitumor agents. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 1701-1708.	3.0	164
3	Design, Synthesis, Biological Evaluation and Pharmacokinetics of Bis(hydroxyphenyl) substituted Azoles, Thiophenes, Benzenes, and Aza-Benzenes as Potent and Selective Nonsteroidal Inhibitors of 17 β -Hydroxysteroid Dehydrogenase Type 1 (17 β -HSD1). <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6725-6739.	6.4	99
4	Synthesis of 1 α - β -D-glucopyranosyl-1,2,3-triazole-4,5-dimethanol-4,5-bis(isopropylcarbamate) as potential antineoplastic agent. <i>Tetrahedron Letters</i> , 2002, 43, 4021-4022.	1.4	52
5	Syntheses of C- and N-nucleosides from 1-aza-2-azoniaallene and 1,3-diaza-2-azoniaallene salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 947-954.	0.9	47
6	Novel fluorescent pH sensor based on coumarin with piperazine and imidazole substituents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 818-822.	3.9	46
7	Design, Synthesis and Anticancer Screening of Novel Benzothiazole-Piperazine-1,2,3-Triazole Hybrids. <i>Molecules</i> , 2018, 23, 2788.	3.8	46
8	Synthesis, Characterization and anti-HIV and Antitumor Activities of New Coumarin Derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 83-89.	0.7	39
9	A coumarin-based fluorescent PET sensor utilizing supramolecular pKa shifts. <i>Tetrahedron Letters</i> , 2011, 52, 5249-5254.	1.4	33
10	Synthesis and spectroscopic analysis of acyclic C-nucleosides and homo-C-analogues from 1-(chloroalkyl)-1-aza-2-azoniaallene salts. <i>Tetrahedron</i> , 1999, 55, 751-758.	1.9	29
11	Structural characterization of new Cd ²⁺ fluorescent sensor based on lumazine ligand: AM1 and ab initio studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 728-733.	3.9	27
12	The role of the heterocycle in bis(hydroxyphenyl)triazoles for inhibition of 17 β -Hydroxysteroid Dehydrogenase (17 β -HSD) type 1 and type 2. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 212-215.	3.2	27
13	N- and C-acyclic thionucleoside analogues of 1,2,3-triazole. <i>Heteroatom Chemistry</i> , 2004, 15, 380-387.	0.7	26
14	Cycloadditions of 1-aza-2-azoniaallene ions to alkenes. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 4356-4365.	1.3	24
15	Nitroimidazoles. V. Synthesis and anti-HIV evaluation of new 5-substituted piperazinyl-4-nitroimidazole derivatives. <i>Acta Pharmaceutica</i> , 2007, 57, 379-393.	2.0	24
16	Synthesis and Antiviral Activity of 1-[(1,5-Dialkyl-1H-1,2,4-triazol-3-yl)methyl]thymine. <i>Archiv Der Pharmazie</i> , 1999, 332, 143-144.	4.1	22
17	Nitroimidazoles, part 4: Synthesis and anti-HIV activity of new 5-alkylsulfanyl and 5-(4 α -arylsulfonyl)piperazinyl-4-nitroimidazole derivatives. <i>Heteroatom Chemistry</i> , 2007, 18, 333-340.	0.7	22
18	NEW GLYCOSYL-(CARBOXAMIDE)-1,2,3-TRIAZOLE-N-NUCLEOSIDES: SYNTHESIS AND ANTITUMOR ACTIVITY. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2002, 21, 361-375.	1.1	21

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19	Design and synthesis of 1,3,5-trisubstituted 1,2,4-triazoles as CYP enzyme inhibitors. <i>Tetrahedron Letters</i> , 2011, 52, 6372-6375.	1.4	21
20	Reaction of 1-(Chloroalkyl)-1-aza-2-azoniaallene Salts with Alkenes: Preparation of Cyclic Azo, (Azoalkyl)azonium, and Formazanum Compounds. <i>Synthesis</i> , 1998, 1998, 721-728.	2.3	20
21	Synthesis and reactions of 1,5- and 1,3-dialkyl-(d-manno-pentitol-1-yl)-1H-1,2,4-triazole nucleosides derived from 1-(chloroalkyl)-1-aza-2-azoniaallene salts. <i>Carbohydrate Research</i> , 1999, 318, 67-74.	2.3	19
22	New Sulphonamide and Carboxamide Derivatives of Acyclic <i>C</i> -Nucleosides of Triazolo-Thiadiazole and the Thiadiazine Analogues. Synthesis, Anti-HIV, and Antitumor Activities. Part 2. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 1034-1044.	1.1	19
23	Nitroimidazoles, Part 3. Synthesis and anti-HIV Activity of New N-Alkyl-4-nitroimidazoles Bearing Benzothiazole and Benzoxazole Backbones. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 523-528.	0.7	18
24	Amino acid derivatives. Part I. Synthesis, antiviral and antitumor evaluation of new alpha-amino acid esters bearing coumarin side chain. <i>Acta Pharmaceutica</i> , 2006, 56, 175-88.	2.0	18
25	A new class of dihaloquinolones bearing N ¹ -aldehydoglycosylhydrazides, mercapto-1,2,4-triazole, oxadiazoline and alpha-amino ester precursors: synthesis and antimicrobial activity. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 790-796.	0.6	17
26	Synthesis and Antiviral Activity of 1,5- and 1,3-Dialkyl-1,2,4-triazole <i>C</i> -Nucleosides Derived from 1-(Chloroalkyl)-1-aza-2-azoniaallene Salts. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1985-1994.	0.5	16
27	Synthesis of 3'-1,2,4-triazolo- and 3'-1,3,4-thiadiazoliminothymidines. <i>Heteroatom Chemistry</i> , 2003, 14, 298-303.	0.7	16
28	DNA-directed alkylating agents: synthesis, antitumor activity and DNA affinity of bis-N,N ^ε -2-trisubstituted 1,2,4-triazolo-piperazines. <i>Il Farmaco</i> , 2004, 59, 41-46.	0.9	16
29	Synthesis of 1,2,4-Triazole <i>C</i> -Nucleosides from Hydrazone Chlorides and Nitriles. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 37-43.	1.1	16
30	Thiosugar Nucleosides. Synthesis and Biological Activity of 1,3,4- <i>α</i> -Thiadiazole, Thiazoline and Thiourea Derivatives of 5- <i>α</i> -Thio- <i>α</i> -D-Glucose. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1739-1749.	1.1	15
31	Nitroimidazoles, Part 2. <i>Chemistry and Biodiversity</i> , 2006, 3, 515-526.	2.1	15
32	Triazole ring-opening leads to the discovery of potent nonsteroidal 17 β -hydroxysteroid dehydrogenase type 2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5978-5990.	5.5	14
33	Pteridine-based fluorescent pH sensors designed for physiological applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 247, 63-73.	3.9	14
34	Real-Time and Online Monitoring of Glucose Contents by Using Molecular Imprinted Polymer-Based IDEs Sensor. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 1156-1166.	2.9	13
35	Microwave-Assisted Synthesis of Acyclic <i>C</i> -Nucleosides from 1,2- and 1,3-Diketones. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2009, 28, 175-183.	1.1	12
36	Synthesis and Biological Evaluation of Phenyl Substituted 1- <i>H</i> -1,2,4- <i>α</i> -Triazoles as Nonsteroidal Inhibitors of 17 β -Hydroxysteroid Dehydrogenase Type 2. <i>Archiv Der Pharmazie</i> , 2012, 345, 610-621.	4.1	12

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37	Nitroimidazoles Part 6. Synthesis, Structure and <i>in Vitro</i> anti-HIV Activity of New 5-substituted Piperazinyl-4-nitroimidazole Derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , 2007, 18, 191-200.	0.6	10
38	Synthesis of acyclic 6,7-dihaloquinolone nucleoside analogues as potential antibacterial and antiviral agents. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1407-1413.	3.0	9
39	Synthesis and anti-HIV activity of substituted 1,2,4-triazolo-thiophene derivatives. <i>Heteroatom Chemistry</i> , 2007, 18, 443-448.	0.7	9
40	Nitroimidazoles Part 8. Synthesis and Anti-HIV Activity of New 4-Nitroimidazole Derivatives Using the Suzuki Cross-Coupling Reaction. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 925-934.	0.7	9
41	Synthesis and biological evaluation of new benzothiazoles as antimicrobial agents. <i>Arabian Journal of Chemistry</i> , 2016, 9, S926-S930.	4.9	9
42	¹ H- and ¹³ C-NMR Study of Some 6,7-Dihaloquinolone Nucleosides and Their Derivatives. <i>Spectroscopy Letters</i> , 1998, 31, 1031-1038.	1.0	8
43	Synthesis of N-Substituted 1-Amino-2,3-dihydro-1H-imidazole-2-thione-N-nucleosides and S-Glycosylated Derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 299-307.	1.1	8
44	New benzylpiperazine derivatives bearing mono- and bis-dialkyl substituted 1,2,4-triazoles. <i>Heteroatom Chemistry</i> , 2005, 16, 28-32.	0.7	8
45	Synthesis, anticancer activity and molecular docking studies of new 4-nitroimidazole derivatives. <i>Arkivoc</i> , 2021, 2021, 296-309.	0.5	8
46	Quinolone Nucleosides: 6,7-Dihalo-N ¹ - and ¹ -Glycosyl-4-dihydro-4-oxo-quinoline-3-carboxylic Acids and Derivatives. Synthesis, Antimicrobial and Antiviral Activity. <i>Nucleosides & Nucleotides</i> , 1998, 17, 2255-2266.	0.5	7
47	Regioselective Suzuki-Miyaura Cross-Coupling Reactions of 2,6-Dichloroquinoxaline. <i>Synthesis</i> , 2012, 44, 1637-1646.	2.3	7
48	SYNTHESIS OF 1-[4-(1,5-DIALKYL-1H-1,2,4-TRIAZOL-3-YL)]BENZYL-1H-INDOLES AND 5,6-DIHALOQUINOLONES. <i>Organic Preparations and Procedures International</i> , 2002, 34, 658-664.	1.3	6
49	Synthesis, <i>in vitro</i> Antiproliferative and Anti-HIV Activity of New Derivatives of 2-Piperazino-1,3-benzo[d]thiazoles. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 1372-1380.	0.7	6
50	Nitroimidazoles Part 9. Synthesis, molecular docking, and anticancer evaluations of piperazine-tagged imidazole derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021, 76, 293-302.	0.7	6
51	Some ² -Modified ⁴ -Thionucleosides via Sulfur Participation and Synthesis of Thio-Azt from ⁴ -Thiofuranoid 1,2-Glycol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 1199-1209.	1.6	5
52	Microwave-Assisted Synthesis and Anti-HIV Activity of New Acyclic <i>C</i> -Nucleosides of 3-(D-Ribo-Tetritol-1-yl)-5-Mercapto-1,2,4-Triazoles. Part 1. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 469-483.	1.1	5
53	New AZT Analogues Having ⁵ -Alkylsulfonyl Groups: Synthesis and Anti-HIV Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 223-230.	1.1	4
54	Phosphine-Catalysed [3+2] Cycloaddition of Ethyl Buta-2,3-Dienoate and 4-quinolone-1,3-Dicarboxylate. <i>Letters in Organic Chemistry</i> , 2008, 5, 55-56.	0.5	4

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55	Synthesis and antibacterial activity of some new 1,2,4-triazole derivatives bearing carbohydrazide moiety. European Journal of Chemistry, 2020, 11, 113-119.	0.6	3
56	Synthesis and Anti-HIV Activity of New 6-Thioarylpyrimidines and Related Compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 1571-1583.	1.6	2
57	Nitroimidazoles Part 10. Synthesis, crystal structure, molecular docking, and anticancer evaluation of 4-nitroimidazole derivatives combined with piperazine moiety. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2023, 78, 93-103.	1.4	2
58	Green microwave versus conventional synthesis, crystal structure of 1-(4-(Benzothiazol-2-yl)piperazin-1-yl)-2-(4-phenyl-1H-1,2,3-triazol-1-yl)ethenone and HS-Analysis. Journal of Taibah University for Science, 2020, 14, 549-556.	2.5	1
59	Nematocidal Effect of 1,2,4-triazole Derivatives Against Bursaphelenchus xylophilus. Asian Journal of Biochemistry, 2016, 11, 156-161.	0.5	1
60	DNA-Directed Alkylating Agents: Synthesis, Antitumor Activity and DNA Affinity of Bis-N,N-Disubstituted 1,2,4-Triazolo-piperazines.. ChemInform, 2004, 35, no.	0.0	0
61	Synthesis, Antitumor and Antiviral Properties of Some 1,2,4-Triazole Derivatives.. ChemInform, 2005, 36, no.	0.0	0
62	New Benzylpiperazine Derivatives Bearing Mono- and Bis-Dialkyl Substituted 1,2,4-Triazoles.. ChemInform, 2005, 36, no.	0.0	0
63	Quantitative Structure-Activity Relationship (QSAR) on New Benzothiazoles Derived Substituted Piperazine Derivatives. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1945-1949.	0.4	0
64	Crystal structure of 3-(1-benzyl-2-ethyl-4-nitro-1H-imidazol-5-ylthio)-propanoic acid, C ₁₅ H ₁₇ N ₃ O ₄ S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 751-753.	0.3	0
65	The crystal structure of 1-(N1-benzyl-2-methyl-4-nitro-imidazol-5-yl)-4-(prop-2-yn-1-yl) piperazine, C ₁₈ H ₂₁ N ₅ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, .	0.3	0