

# Yaseen A Al-Soud

## List of Publications by Year in descending order

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65  
papers

1,396  
citations

361413

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docs citations

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times ranked

1430  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The crystal structure of 1-(N1-benzyl-2-methyl-4-nitro-imidazol-5-yl)-4-(prop-2-yn-1-yl) piperazine, C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, .	0.3	0
3	Nitroimidazoles Part 9. Synthesis, molecular docking, and anticancer evaluations of piperazine-tagged imidazole derivatives. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 293-302.	0.7	6
4	Synthesis, anticancer activity and molecular docking studies of new 4-nitroimidazole derivatives. Arkivoc, 2021, 2021, 296-309.	0.5	8
5	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
6	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
7	Crystal structure of 3-(1-benzyl-2-ethyl-4-nitro-1 <i>H</i> -imidazol-5-ylthio)-propanoic acid, C <sub>15</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 751-753.	0.3	0
8	Real-Time and Online Monitoring of Glucose Contents by Using Molecular Imprinted Polymer-Based IDEs Sensor. Applied Biochemistry and Biotechnology, 2019, 189, 1156-1166.	2.9	13
9	Design, Synthesis and Anticancer Screening of Novel Benzothiazole-Piperazine-1,2,3-Triazole Hybrids. Molecules, 2018, 23, 2788.	3.8	46
10	Synthesis and biological evaluation of new benzothiazoles as antimicrobial agents. Arabian Journal of Chemistry, 2016, 9, S926-S930.	4.9	9
11	Nematocidal Effect of 1,2,4-triazole Derivatives Against Bursaphelenchus xylophilus. Asian Journal of Biochemistry, 2016, 11, 156-161.	0.5	1
12	Nitroimidazoles Part 8. Synthesis and Anti-HIV Activity of New 4-Nitroimidazole Derivatives Using the Suzuki Cross-Coupling Reaction. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 925-934.	0.7	9
13	Regioselective Suzuki-Miyaura Cross-Coupling Reactions of 2,6-Dichloroquinoxaline. Synthesis, 2012, 44, 1637-1646.	2.3	7
14	Pteridine-based fluorescent pH sensors designed for physiological applications. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 247, 63-73.	3.9	14
15	Synthesis and Biological Evaluation of Phenyl Substituted 1 <i>H</i> -1,2,4-Triazoles as Non-Steroidal Inhibitors of 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 2. Archiv Der Pharmazie, 2012, 345, 610-621.	4.1	12
16	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
17	A coumarin-based fluorescent PET sensor utilizing supramolecular pKa shifts. Tetrahedron Letters, 2011, 52, 5249-5254.	1.4	33
18	Design and synthesis of 1,3,5-trisubstituted 1,2,4-triazoles as CYP enzyme inhibitors. Tetrahedron Letters, 2011, 52, 6372-6375.	1.4	21

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19	Triazole ring-opening leads to the discovery of potent nonsteroidal 17 $\beta$ -hydroxysteroid dehydrogenase type 2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5978-5990.	5.5	14
20	Synthesis, in vitro 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
21	The role of the heterocycle in bis(hydroxyphenyl)triazoles for inhibition of 17 $\beta$ -Hydroxysteroid Dehydrogenase (17 $\beta$ -HSD) type 1 and type 2. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 212-215.	3.2	27
22	Microwave-Assisted Synthesis of Acyclic Nucleosides from 1,2- and 1,3-Diketones. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2009, 28, 175-183.	1.1	12
23	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
24	Design, Synthesis, Biological Evaluation and Pharmacokinetics of Bis(hydroxyphenyl) substituted Azoles, Thiophenes, Benzenes, and Aza-Benzenes as Potent and Selective Nonsteroidal Inhibitors of 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 (17 $\beta$ -HSD1). <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6725-6739.	6.4	99
25	Microwave-Assisted Synthesis and Anti-HIV Activity of New Acyclic Nucleosides of 3-(D-Ribitol-1-yl)-5-Mercapto-1,2,4-Triazoles. Part 1. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 469-483.	1.1	5
26	Synthesis and Anti-HIV Activity of New 6-Thioarylpyrimidines and Related Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 1571-1583.	1.6	2
27	New Sulphonamide and Carboxamide Derivatives of Acyclic Nucleosides of Triazolo-Thiadiazole and the Thiadiazine Analogues. Synthesis, Anti-HIV, and Antitumor Activities. Part 2. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1034-1044.	1.1	19
28	Phosphine-Catalysed [3+2] Cycloaddition of Ethyl Buta-2,3-Dienoate and 4- uinolone-1,3-Dicarboxylate. <i>Letters in Organic Chemistry</i> , 2008, 5, 55-56.	0.5	4
29	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
30	Synthesis of 1,2,4-Triazole Nucleosides from Hydrazonyl Chlorides and Nitriles. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 37-43.	1.1	16
31	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
32	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
33	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
34	Nitroimidazoles Part 6. Synthesis, Structure and in Vitro anti-HIV Activity of New 5-substituted Piperazinyl-4-nitroimidazole Derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , 2007, 18, 191-200.	0.6	10
35	Nitroimidazoles, part 4: Synthesis and anti-HIV activity of new 5-alkylsulfonyl and 5-(4-arylsulfonyl)piperazinyl-4-nitroimidazole derivatives. <i>Heteroatom Chemistry</i> , 2007, 18, 333-340.	0.7	22
36	Synthesis and anti-HIV activity of substituted 1,2,4-triazolo-thiophene derivatives. <i>Heteroatom Chemistry</i> , 2007, 18, 443-448.	0.7	9

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37	Structural characterization of new Cd <sup>2+</sup> 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
38	Nitroimidazoles, Part 2. <i>Chemistry and Biodiversity</i> , 2006, 3, 515-526.	2.1	15
39	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
40	New benzylpiperazine derivatives bearing mono- and bis-dialkyl substituted 1,2,4-triazoles. <i>Heteroatom Chemistry</i> , 2005, 16, 28-32.	0.7	8
41	Synthesis, Antitumor and Antiviral Properties of Some 1,2,4-Triazole Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
42	New Benzylpiperazine Derivatives Bearing Mono- and Bis-Dialkyl Substituted 1,2,4-Triazoles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
43	DNA-directed alkylating agents: synthesis, antitumor activity and DNA affinity of bis-N,N <sup>ε</sup> -trisubstituted 1,2,4-triazolo-piperazines. <i>Il Farmaco</i> , 2004, 59, 41-46.	0.9	16
44	Synthesis, antitumor and antiviral properties of some 1,2,4-triazole derivatives. <i>Il Farmaco</i> , 2004, 59, 775-783.	0.9	219
45	N- and C-acyclic thionucleoside analogues of 1,2,3-triazole. <i>Heteroatom Chemistry</i> , 2004, 15, 380-387.	0.7	26
46	DNA-Directed Alkylating Agents: Synthesis, Antitumor Activity and DNA Affinity of Bis-N,N <sup>ε</sup> -Trisubstituted 1,2,4-Triazolo-piperazines.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
47	Thiosugar Nucleosides. Synthesis and Biological Activity of 1,3,4 <sup>ε</sup> -Thiadiazole, Thiazoline and Thiourea Derivatives of 5 <sup>ε</sup> -Thio <sup>ε</sup> -Glucose. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1739-1749.	1.1	15
48	Synthesis of 3 <sup>ε</sup> -1,2,4-triazolo- and 3 <sup>ε</sup> -1,3,4-thiadiazoliminothymidines. <i>Heteroatom Chemistry</i> , 2003, 14, 298-303.	0.7	16
49	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
50	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
51	Some 2 <sup>ε</sup> -Modified 4 <sup>ε</sup> -Thionucleosides via Sulfur Participation and Synthesis of Thio-Azt from 4 <sup>ε</sup> -Thiofuranoid 1,2-Glycol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 1199-1209.	1.6	5
52	A new class of dihaloquinolones bearing N <sup>1</sup> -aldehydoglycosylhydrazides, mercapto-1,2,4-triazole, oxadiazoline and α-amino ester precursors: synthesis and antimicrobial activity. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 790-796.	0.6	17
53	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
54	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

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55	Synthesis of 1- $\beta$ -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
56	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
57	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
58	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
59	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
60	Synthesis and Antiviral Activity of 1-[(1,5-Dialkyl-1H-1,2,4-triazol-3-yl)methyl]thymines. <i>Archiv Der Pharmazie</i> , 1999, 332, 143-144.	4.1	22
61	Synthesis and Antiviral Activity of 1,5-and 1,3-Dialkyl-1,2,4-triazole Nucleosides Derived from 1-(Chloroalkyl)-1-aza-2-azoniaallene Salts. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 1985-1994.	0.5	16
62	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
63	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
64	1H- and 13C-NMR Study of Some 6,7-Dihaloquinolone Nucleosides and Their Derivatives. <i>Spectroscopy Letters</i> , 1998, 31, 1031-1038.	1.0	8
65	Quinolone Nucleosides: 6,7-Dihalo-N $\beta$ - and $\beta$ -Glycosyl-4-dihydro-4-oxo-quinoline-3-carboxylic Acids and Derivatives. Synthesis, Antimicrobial and Antiviral Activity. <i>Nucleosides &amp; Nucleotides</i> , 1998, 17, 2255-2266.	0.5	7