

Hassan A El-Sayed

List of Publications by Year in descending order

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papers

583
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687363
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#	ARTICLE	IF	CITATIONS
1	Synthesis, antitumor and antimicrobial activities of 4-(4-chlorophenyl)-3-cyano-2-(β -O-glycosyloxy)-6-(thien-2-yl)-nicotinonitrile. European Journal of Medicinal Chemistry, 2011, 46, 2948-2954.	5.5	65
2	Novel Triazolothiadiazole and Triazolothiadiazine Derivatives Containing Pyridine Moiety: Design, Synthesis, Bactericidal and Fungicidal Activities. Current Bioactive Compounds, 2018, 14, 169-179.	0.5	38
3	Synthesis and Evaluation of Antimicrobial Activity of Some Pyrimidine Glycosides. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 1061-1071.	1.1	28
4	A series of pyridines and pyridine based sulfa-drugs as antimicrobial agents: Design, synthesis and antimicrobial activity. Russian Journal of General Chemistry, 2017, 87, 2401-2408.	0.8	28
5	Synthesis and Antibacterial Activity of Some Glucosyl- and Ribosyl-Pyridazin-3-ones. Nucleosides, Nucleotides and Nucleic Acids, 2009, 28, 184-192.	1.1	21
6	Synthesis of Acyclovir and HBG Analogues Having Nicotinonitrile and Its 2-methyloxy 1,2,3-triazole. Nucleosides, Nucleotides and Nucleic Acids, 2011, 30, 340-352.	1.1	21
7	Design and synthesis of some tricyclic pyrimidines and triazines via cycloaddition and intermolecular cyclization of cyclic amidine. Journal of the Iranian Chemical Society, 2017, 14, 2239-2246.	2.2	20
8	Intermolecular cyclization of cinnamoyl isothiocyanate: A new synthetic entry for pyrimidine, triazine, and triazole candidates. Synthetic Communications, 2018, 48, 786-794.	2.1	20
9	Spectroscopic characterization, thermogravimetry, density functional theory and biological studies of some mixed-ligand complexes of meloxicam and 2,2'-bipyridine with some transition metals. Applied Organometallic Chemistry, 2019, 33, e4889.	3.5	20
10	A facile synthesis of highly fluorescent pyrido[2,3-d]pyrimidines and 1,8-naphthyridines via oxazine transformation and enaminic addition reactions. Journal of the Iranian Chemical Society, 2019, 16, 723-732.	2.2	20
11	Direct Synthesis of Multi-functional Pyrimidine, Pyrazine, and Pyridine Scaffolds via Inter- and Intramolecular Annulations of 3-Aminothieno[2,3-b]pyridine-2-carboxylate. Journal of Heterocyclic Chemistry, 2019, 56, 1030-1037.	2.6	19
12	Design, synthesis, and antimicrobial activity of fluorophore 1,2,3-triazoles linked nicotinonitrile derivatives. Synthetic Communications, 2019, 49, 2096-2105.	2.1	19
13	Heterocyclization of ethyl 3-amino-4,6-dimethylthieno[2,3-b]pyridine-2-carboxylate (review). Journal of the Iranian Chemical Society, 2014, 11, 131-145.	2.2	15
14	Synthesis, Antiviral, and Antimicrobial Activity of 1,2,4-Triazole Thioglycoside Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 649-662.	1.6	14
15	Glycosylation/Alkylation and Antimicrobial Activity of 4,6-Diaryl-2-Oxonicotinonitrile Derivatives. Journal of Heterocyclic Chemistry, 2017, 54, 375-383.	2.6	13
16	Synthesis and Antimicrobial Activity of Some 2-Pyridone Nucleosides Containing a Sulfonamide Moiety. Nucleosides, Nucleotides and Nucleic Acids, 2013, 32, 221-238.	1.1	12
17	An efficient and facile multicomponent synthesis of 4,6-diarylpyridine derivatives under solvent-free conditions. Research on Chemical Intermediates, 2014, 40, 407-412.	2.7	12
18	Synthesis, Antiviral, and Antimicrobial Activity of N- and S-Alkylated Phthalazine Derivatives. Journal of Heterocyclic Chemistry, 2016, 53, 789-799.	2.6	12

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19	An efficient synthesis and antimicrobial activity of N-bridged triazolo[3,4-b]thiadiazine and triazolo[3,4-b]thiadiazole derivatives under microwave irradiation. <i>Synthetic Communications</i> , 2020, 50, 997-1007.	2.1	12
20	Pyrazole and Nicotinonitrile Derivatives Synthesized from Sulfa Drugs, and Their Antibacterial Activity. <i>Russian Journal of General Chemistry</i> , 2019, 89, 339-347.	0.8	11
21	Functionalization of 1,2,3-Triazole to Pyrimidine, Pyridine, Pyrazole, and Isoxazole Fluorophores with Antimicrobial Activity. <i>Russian Journal of General Chemistry</i> , 2020, 90, 476-482.	0.8	10
22	Synthesis of some fused heterocyclic systems and their nucleoside candidates. <i>Research on Chemical Intermediates</i> , 2014, 40, 833-845.	2.7	9
23	Chemistry of 4,6-diaryl(heteroaryl)-2-oxonicotinonitriles and their fused heterocyclic systems. <i>Synthetic Communications</i> , 2018, 48, 2615-2634.	2.1	9
24	Cycloaddition of Aroyl Isothiocyanate: A Novel Synthesis of Triazine, Oxazine, Pyrimidine, and Pyridine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2954-2959.	2.6	9
25	An Efficient and Green Synthesis of Highly Substituted N-Amino-2-oxo-6-nicotinonitriles and Their Sulfonamide Derivatives under Ultrasonic and Microwave Irradiation. <i>ChemistrySelect</i> , 2019, 4, 12151-12155.	1.5	9
26	Spectroscopic characterization, thermogravimetric and antimicrobial studies of some new metal complexes derived from 4-(4-isopropyl phenyl)-2-oxo-6-phenyl 1,2-dihydropyridine-3-carbonitrile (L). <i>Applied Organometallic Chemistry</i> , 2020, 34, e5334.	3.1	9
27	Selective and Orally Bioavailable CHK1 Inhibitors of Some Synthesized Substituted Thieno[2,3-b]pyridine Candidates. <i>International Journal of Pharmacology</i> , 2015, 11, 659-671.	0.3	9
28	Microwave synthesis, anti-oxidant and anti-tumor activity of some nucleosides derived 2-oxonicotinonitrile. <i>Synthetic Communications</i> , 2019, 49, 3465-3474.	2.1	8
29	Cyanoacetic acid hydrazide: An efficient access for the synthesis of multi-functional azine and azole derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1974-1980.	2.6	7
30	Design and synthesis of fluorescent dyes based on nicotinonitrile and azobenzene derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2738-2747.	2.6	7
31	Microwave-promoted syntheses of fluoren-9-ones and benzisoxazoles. <i>Research on Chemical Intermediates</i> , 2015, 41, 8159-8172.	2.7	6
32	Novel synthesis, ring transformation and anticancer activity of 1,3-thiazine, pyrimidine and triazolo[1,5-a]pyrimidine derivatives. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2018, 32, 513.	1.1	6
33	Pyrazoles and Isoxazoles Based Sulfanilamide and Phenazone as Antimicrobial Agents: Synthesis and Biological Activity. <i>Russian Journal of General Chemistry</i> , 2019, 89, 2314-2320.	0.8	6
34	A Facile Synthesis of Polycyclic Pyrimidine Fluorophores via Inter- and Intramolecular Cyclization of Activated 2-Amino-3,6-disubstitued Pyrimidin-4-ones. <i>Russian Journal of General Chemistry</i> , 2020, 90, 148-153.	0.8	6
35	An efficient and metal-free synthetic protocol for mono-, bis-, and spiro[1,2,4]triazolo[1,5-a]pyridines utilizing 1,2-diaminopyridine derivative via C-N bond formation. <i>Synthetic Communications</i> , 2021, 51, 3116-3124.	2.1	6
36	Synthesis of Nucleosides and Non-nucleosides Based 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles as Antiviral Agents. <i>Medicinal Chemistry</i> , 2018, 14, 791-808.	1.5	6

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37	An efficient synthesis of 4,6-diarylnicotinonitrile-acetamide hybrids via 1,2,3-triazole linker as multitarget microbial inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 275-285.	2.6	6
38	Heteroannulation of 2-amino-6-thioxouracil: A new access for the synthesis of fused pyrimidine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 805-812.	2.6	5
39	Synthesis and Antimicrobial Activity of New 3H-Chromeno[2,3-d]pyrimidine Derivatives. <i>Russian Journal of General Chemistry</i> , 2020, 90, 1566-1572.	0.8	5
40	Synthesized of Some Heterocyclic Systems and their Nucleoside of Potent Anti-inflammatory Activities. <i>International Journal of Pharmacology</i> , 2015, 11, 502-507.	0.3	5
41	Click Synthesis of 1,2,3-Triazole Nucleosides Based on Functionalized Nicotinonitriles. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 143-147.	0.8	4
42	Nano-K ₂ CO ₃ -Catalyzed Biginelli-Type Reaction: Regioselective Synthesis, DFT Study, and Antimicrobial Activity of 4-Aryl-6-methyl-5-phenyl-3,4-dihydropyrimidine-2(1H)-thiones. <i>Russian Journal of Organic Chemistry</i> , 2022, 58, 136-143.	0.8	4
43	Monoamine Oxidase A and B Inhibitors of Some New Synthesized Substituted Pyridine Carbonitrile Candidates. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 5315-5321.	0.4	3
44	Synthesis and Biological Evaluation of 2-Oxo/Thioxoquinoxaline and 2-Oxo/Thioxoquinoxaline-Based Nucleoside Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 16-31.	1.1	2
45	Functionalization of Ethyl 6-Amino-4-(4-chlorophenyl)-5-cyano-2-methyl-4H-pyran-3-carboxylate: Facile Synthesis of a New Series of Pyrano[2,3-d]pyrimidine Derivatives. <i>Russian Journal of General Chemistry</i> , 2021, 91, 1403-1408.	0.8	2
46	Novel Triazole-, Oxadiazole-, and Pyrazole-Nicotinonitrile Hybrids: Synthesis, DFT Study, Molecular Docking, and Antimicrobial Activity. <i>Russian Journal of General Chemistry</i> , 2022, 92, 709-717.	0.8	2
47	A Direct Synthesis for a New Series of 2-Oxo(thioxo)nicotinonitrile Nucleosides as Antimicrobial Agents. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 188-194.	2.6	1
48	Synthesis, Structural Characterization, Thermogravimetric, and Molecular Modelling of Novel Mn(II), Co(II), and Ni(II) Metal Complexes Derived from New Synthesized 4,6-Diaryl-2-oxonicotinonitrile Ligand. <i>Russian Journal of General Chemistry</i> , 2021, 91, 2564-2580.	0.8	1
49	Functionalization of 1-aminonicotinonitrile: A New Entry for Synthesis of Pyrazolo[3,4-b]pyridine, Pyrido[2,3-d]pyrimidine, and 1,8-Naphthyridine Derivatives. <i>Russian Journal of General Chemistry</i> , 2021, 91, S84-S88.	0.8	1
50	Synthesis, Characterization and Biological Evaluation of 6-Ethoxy-2-oxo(thioxo)-4-Phenyl-1,2-dihydropyridine-3,5-dicarbonitrile Nucleosides. <i>Current Organic Synthesis</i> , 2017, 14, .	1.3	0