Hussein I El-Subbagh

List of Publications by Year
in descending order

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102	2,897	182225	206121
papers	citations	30 h-index	51 g-index

111	111	111	3256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new grey relational analysis application in analytical chemistry: Natural deep eutectic solvent as a green extractant for HPLC determination of lamotrigine in plasma. Microchemical Journal, 2022, 172, 106918.	2.3	5
2	Synthesis, biological evaluation, and molecular modeling simulations of new heterocyclic hybrids as multi-targeted anti-Alzheimer's agents. European Journal of Medicinal Chemistry, 2022, 231, 114152.	2.6	13
3	Thiazoleâ€based SARSâ€CoVâ€2 protease (COV M^{pro}) inhibitors: Design, synthesis, enzyme inhibition, and molecular modeling simulations. Archiv Der Pharmazie, 2022, 355, .	2.1	3
4	New phthalimide-based derivatives as EGFR-TK inhibitors: Synthesis, biological evaluation, and molecular modeling study. Bioorganic Chemistry, 2022, 127, 105966.	2.0	5
5	Development of an Inexpensive, sensitive and green HPLC method for the simultaneous determination of brivaracetam, piracetam and carbamazepine; application to pharmaceuticals and human plasma. Microchemical Journal, 2021, 163, 105863.	2.3	11
6	Spider diagram and Analytical GREEnness metric approach for assessing the greenness of quantitative 1H-NMR determination of lamotrigine: Taguchi method based optimization. Chemometrics and Intelligent Laboratory Systems, 2021, 209, 104198.	1.8	16
7	2-Substituted-mercapto-quinazolin-4(3H)-ones as DHFR Inhibitors. Mini-Reviews in Medicinal Chemistry, 2021, 21, 2249-2260.	1.1	7
8	Development of a Novel, Fast, Simple HPLC Method for Determination of Atorvastatin and its Impurities in Tablets. Scientia Pharmaceutica, 2021, 89, 16.	0.7	9
9	Novel GABAA Agonist Entities: Pharmacological Investigation and Molecular Modeling Study of Thiazolo- and Thiadiazolo-[3,2-a][1,3]diazepine Analogs. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1048-1057.	1.1	0
10	Novel 1,2,4-oxadiazole-chalcone/oxime hybrids as potential antibacterial DNA gyrase inhibitors: Design, synthesis, ADMET prediction and molecular docking study. Bioorganic Chemistry, 2021, 111, 104885.	2.0	15
11	Nanomolar potency of imidazo[2,1â€b]thiazole analogs as indoleamine 2,3â€dioxygenase inhibitors. Archiv Der Pharmazie, 2021, 354, e2100202.	2.1	4
12	Piperidine nucleus in the field of drug discovery. Future Journal of Pharmaceutical Sciences, 2021, 7, .	1.1	43
13	3-Methyl-imidazo[2,1-b]thiazole derivatives as a new class of antifolates: Synthesis, in vitro/in vivo bio-evaluation and molecular modeling simulations. Bioorganic Chemistry, 2021, 115, 105205.	2.0	6
14	Digitally enhanced thin layer chromatography for simultaneous determination of norfloxacin and tinidazole with the aid of Taguchi orthogonal array and desirability function approach: Greenness assessment by analytical Ecoâ€Scale. Journal of Separation Science, 2020, 43, 1195-1202.	1.3	29
15	A novel application of deep eutectic solvents in quantitative nuclear magnetic resonance using grey relational analysis for multi-response optimization. Chemometrics and Intelligent Laboratory Systems, 2020, 206, 104125.	1.8	4
16	Design, synthesis and molecular modeling of novel aryl carboximidamides and 3-aryl-1,2,4-oxadiazoles derived from indomethacin as potent anti-inflammatory iNOS/PGE2 inhibitors. Bioorganic Chemistry, 2020, 105, 104439.	2.0	24
17	Multiobjective optimization of microemulsion- thin layer chromatography with image processing as analytical platform for determination of drugs in plasma using desirability functions. Journal of Chromatography A, 2020, 1619, 460945.	1.8	4
18	Antibacterial, antibiofilm and molecular modeling study of some antitumor thiazole based chalcones as a new class of DHFR inhibitors. Microbial Pathogenesis, 2019, 136, 103674.	1.3	23

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19	Synthesis, antitumor testing and molecular modeling study of some new 6-substituted amido, azo or thioureido-quinazolin-4(3H)-ones. Bioorganic Chemistry, 2019, 88, 102923.	2.0	14
20	N -substituted-piperidines as Novel Anti-alzheimer Agents: Synthesis, antioxidant activity, and molecular docking study. Future Journal of Pharmaceutical Sciences, 2018, 4, 1-7.	1.1	5
21	Imidazo[2â€²,1â€²:2,3]thiazolo[4,5-d]pyridazinone as a new scaffold of DHFR inhibitors: Synthesis, biological evaluation and molecular modeling study. Bioorganic Chemistry, 2018, 80, 11-23.	2.0	21
22	Synthesis, biological evaluation and molecular modeling study of new (1,2,4-triazole or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (1, Chemistry, 2017, 72, 282-292.	2.0	43
23	Thiazolo[4,5- d]pyridazine analogues as a new class of dihydrofolate reductase (DHFR) inhibitors: Synthesis, biological evaluation and molecular modeling study. Bioorganic Chemistry, 2017, 74, 228-237.	2.0	22
24	Derivatives of Cucurbitacin-E-glucoside produced by Curvularia lunata NRRL 2178: Anti-inflammatory, antipyretic, antitumor activities, and effect on biochemical parameters. Future Journal of Pharmaceutical Sciences, 2017, 3, 124-130.	1.1	9
25	Thiadiazolodiazepine analogues as a new class of neuromuscular blocking agents: Synthesis, biological evaluation and molecular modeling study. European Journal of Medicinal Chemistry, 2017, 126, 15-23.	2.6	5
26	Synthesis, biological evaluation and molecular modeling study of thiadiazolo[3,2- a][1,3]diazepine analogues of HIE-124 as a new class of short acting hypnotics. European Journal of Medicinal Chemistry, 2016, 124, 237-247.	2.6	8
27	Synthesis, biological evaluation and molecular modeling study of some new methoxylated 2-benzylthio-quinazoline-4(3H)-ones as nonclassical antifolates. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4815-4823.	1.0	22
28	Crystal structure of 2-(4-(4-bromophenyl)thiazol-2-yl)isoindoline-1,3-dione, C₁₇H₉BrN₂O₂S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 853-854.	0.1	0
29	Synthesis, biological evaluation and molecular modeling study of some new thiazolodiazepine analogs as CNS active agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 445-453.	1.0	4
30	DNA binding of ethyl 2-substituted aminothiazole-4-carboxylate analogues: A molecular modeling approach to predict their antitumor activity. Future Journal of Pharmaceutical Sciences, 2015, 1, 1-7.	1.1	2
31	Interaction of some new 2-(substituted-thio)-quinazolin-4-ones with molybdenum hydroxylases: A pharmacophore prediction. Future Journal of Pharmaceutical Sciences, 2015, 1, 50-56.	1.1	0
32	Synthesis, anticonvulsant activity and molecular modeling study of some new hydrazinecarbothioamide, benzenesulfonohydrazide, and phenacylacetohydrazide analogues of 4(3H)-quinazolinone. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1490-1499.	1.0	39
33	Synthesis, biological evaluation and molecular docking studies of thiazole-based pyrrolidinones and isoindolinediones as anticonvulsant agents. Medicinal Chemistry Research, 2015, 24, 3194-3211.	1.1	32
34	Selective Analysis of Dopamine Receptor Antagonist LE300 and its N-Methyl Metabolite in Mouse Sera at the Trace Level by HPLCâ€“Fluorescence Detection. Chromatographia, 2015, 78, 655-661.	0.7	4
35	Synthesis, biological evaluation and molecular modeling study of 2-(1,3,4-thiadiazolyl-thio and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Chemistry Letters, 2014, 24, 4557-4567.	1.0	35
36	Nonclassical antifolates, part 5. Benzodiazepine analogs as a new class of DHFR inhibitors: Synthesis, antitumor testing and molecular modeling study. European Journal of Medicinal Chemistry, 2014, 74, 234-245.	2.6	49

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37	Nonclassical antifolates, part 3: Synthesis, biological evaluation and molecular modeling study of some new 2-heteroarylthio-quinazolin-4-ones. European Journal of Medicinal Chemistry, 2013, 63, 33-45.	2.6	48
38	Novel 4(3H)-quinazolinone analogs: synthesis and anticonvulsant activity. Medicinal Chemistry Research, 2013, 22, 2815-2827.	1.1	46
39	Nonclassical antifolates, part 4. 5-(2-Aminothiazol-4-yl)-4-phenyl-4H-1,2,4-triazole-3-thiols as a new class of DHFR inhibitors: Synthesis, biological evaluation and molecular modeling study. European Journal of Medicinal Chemistry, 2013, 66, 135-145.	2.6	57
40	S-Phenyl 4-methoxybenzothioate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1074-o1075.	0.2	2
41	3-Benzyl-6-methyl-2-sulfanylidene-2,3-dihydroquinazolin-4(1H)-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o717-o718.	0.2	3
42	1-(5-Bromo-4-phenyl-1,3-thiazol-2-yl)pyrrolidin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1738-o1739.	0.2	3
43	Substituted thiazoles VI. Synthesis and antitumor activity of new 2-acetamido- and 2 or 3-propanamido-thiazole analogs. European Journal of Medicinal Chemistry, 2012, 54, 615-625.	2.6	49
44	Substituted thiazoles VII. Synthesis and antitumor activity of certain 2-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (amino	1.0	62
45	N-[4-(4-Bromophenyl)thiazol-2-yl]-4-(piperidin-1-yl)butanamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1665-o1665.	0.2	1
46	Substituted thiazoles V. Synthesis and antitumor activity of novel thiazolo[2,3-b]quinazoline and pyrido[4,3-d]thiazolo[3,2-a]pyrimidine analogues. European Journal of Medicinal Chemistry, 2012, 47, 65-72.	2.6	94
47	Novel 1,3,4-heterodiazole analogues: Synthesis and in-vitro antitumor activity. European Journal of Medicinal Chemistry, 2012, 47, 445-451.	2.6	58
48	Design, synthesis, single-crystal and preliminary antitumor activity of novel arenesulfonylimidazolidin-2-ones. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2008-2014.	1.0	45
49	Liquid chromatographic high-throughput analysis of the new ultra-short acting hypnotic â€˜HIE-124â€™ and its metabolite in mice serum using a monolithic silica column. Analyst, The, 2011, 136, 591-597.	1.7	9
50	Chiral Indolo[3,2-f][3]benzazecine-Type Dopamine Receptor Antagonists: Synthesis and Activity of Racemic and Enantiopure Derivatives. Journal of Medicinal Chemistry, 2011, 54, 7422-7426.	2.9	17
51	Synthesis and biological evaluation of some novel cyclic-imides as hypoglycaemic, anti-hyperlipidemic agents. European Journal of Medicinal Chemistry, 2011, 46, 4324-4329.	2.6	50
52	Synthesis and anticonvulsant activity of some new thiazolo[3,2-a][1,3]diazepine, benzo[d]thiazolo[5,2-a][12,6]diazepine and benzo[d]oxazolo[5,2-a][12,6]diazepine analogues. European Journal of Medicinal Chemistry, 2011, 46, 5567-5572.	2.6	29
53	Synthesis, antiplatelet aggregation activity, and molecular modeling study of novel substituted-piperazine analogues. Medicinal Chemistry Research, 2011, 20, 898-911.	1.1	11
54	Novel, selective sample stacking microemulsion electrokinetic capillary chromatography induced by reverse migrating pseudostationary phase for the determination of the new ultra-short acting hypnotic â€œHIE-124â€•in mice serum. Analytica Chimica Acta, 2010, 673, 194-199.	2.6	13

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55	Non-classical antifolates. Part 2: Synthesis, biological evaluation, and molecular modeling study of some new 2,6-substituted-quinazolin-4-ones. Bioorganic and Medicinal Chemistry, 2010, 18, 2849-2863.	1.4	121
56	HPTLC analysis of a new ultra-short-acting thiazolodiazepine hypnotic (HIE-124) in spiked human plasma. Journal of Planar Chromatography - Modern TLC, 2009, 22, 183-186.	0.6	4
57	Synthesis and Biological Evaluation of Some Polymethoxylated Fused Pyridine Ring Systems as Antitumor Agents. Archiv Der Pharmazie, 2009, 342, 584-590.	2.1	53
58	Substituted quinazolines, part 3. Synthesis, in vitro antitumor activity and molecular modeling study of certain 2-thieno-4(3H)-quinazolinone analogsâ˜†. European Journal of Medicinal Chemistry, 2009, 44, 2379-2391.	2.6	175
59	Cytarabine. Profiles of Drug Substances, Excipients and Related Methodology, 2009, 34, 37-113.	3.5	17
60	Itraconazole: Comprehensive Profile. Profiles of Drug Substances, Excipients and Related Methodology, 2009, 34, 193-264.	3.5	7
61	Synthesis, Ultraâ€Short Acting Hypnotic Activity, and Metabolic Profile of Ethyl 8â€Oxoâ€5,6,7,8â€tetrahydroâ€thiazolo[3,2â€a] [1,3]diazepinâ€3â€carboxylate (HIEâ€124). Archiv Der Pharmazie, 2008, 341, 81-89.	2.1	12
62	New ultra-short acting hypnotic: Synthesis, biological evaluation, and metabolic profile of ethyl 8-oxo-5,6,7,8-tetrahydro-thiazolo[3,2-a][1,3]diazepin-3-carboxylate (HIE-124). Bioorganic and Medicinal Chemistry Letters, 2008, 18, 72-77.	1.0	16
63	Oral colon targeted delivery systems for treatment of inflammatory bowel diseases: Synthesis, in vitro and in vivo assessment. International Journal of Pharmaceutics, 2008, 358, 248-255.	2.6	50
64	Dopamine/Serotonin Receptor Ligands. 10:1SAR Studies on Azecine-type Dopamine Receptor Ligands by Functional Screening at Human Cloned D1, D2L, and D5Receptors with a Microplate Reader Based Calcium Assay Lead to a Novel Potent D1/D5Selective Antagonist. Journal of Medicinal Chemistry, 2006, 49, 760-769.	2.9	78
65	Synthesis, dihydrofolate reductase inhibition, antitumor testing, and molecular modeling study of some new 4(3H)-quinazolinone analogs. Bioorganic and Medicinal Chemistry, 2006, 14, 8608-8621.	1.4	171
66	Lewis acid-promoted transformation of 2-alkoxypyridines into 2-aminopyridines and their antibacterial activity. Part 2: Remarkably facile Câ€“N bond formation. Bioorganic and Medicinal Chemistry, 2005, 13, 4929-4935.	1.4	54
67	Synthesis andIn Vitro Antioxidant Activity of some New Fused Pyridine Analogs. Archiv Der Pharmazie, 2005, 338, 175-180.	2.1	51
68	Synthesis and in vitro Antioxidant Activity of Some New Fused Pyridine Analogues.. ChemInform, 2005, 36, no.	0.1	0
69	Penicillamine: Physical Profile. Profiles of Drug Substances, Excipients and Related Methodology, 2005, 32, 119-130.	3.5	2
70	Dopamine/Serotonin Receptor Ligands. Part 4. Synthesis and Pharmacology of Novel 3-Benzazecines and 3-Benzazonines as Potential 5-HT2A and Dopamine Receptor Ligands.. ChemInform, 2003, 34, no.	0.1	0
71	Substituted Quinazolines. Part 2. Synthesis and in-vitro Anticancer Evaluation of New 2-Substituted Mercapto-3H-quinazoline Analogues.. ChemInform, 2003, 34, no.	0.1	0
72	Substituted Quinazolines, Part 2. Synthesis and In-Vitro Anticancer Evaluation of New 2-Substituted Mercapto-3H-quinazoline Analogs. Archiv Der Pharmazie, 2003, 336, 95-103.	2.1	47

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73	Synthesis,in vitro andin vivo Evaluation of a Delivery System for Targeting Anticancer Drugs to the Brain. Archiv Der Pharmazie, 2003, 336, 445-455.	2.1	12
74	Dopamine/Serotonin Receptor Ligands. Part IV [1]: Synthesis and Pharmacology of Novel 3-Benzazecines and 3-Benzazonines as Potential 5-HT2A and Dopamine Receptor Ligands. Archiv Der Pharmazie, 2002, 335, 443-448.	2.1	25
75	The in vitro antitumor assay of 5-(Z)-arylidene-4-imidazolidinones in screens of AIDS-related leukemia and lymphomas. Anti-Cancer Drugs, 2001, 12, 835-839.	0.7	9
76	Synthesis and Biological Evaluation of Certain Î±,Î²-Unsaturated Ketones and Their Corresponding Fused Pyridines as Antiviral and Cytotoxic Agentsâ€. Journal of Medicinal Chemistry, 2000, 43, 2915-2921.	2.9	351
77	Synthesis, Antitumor and Antitubercular Evaluation of Certain New Xanthenone and Acridinone Analogs. Arzneimittelforschung, 1999, 49, 259-266.	0.5	3
78	Synthesis and Antitumor Activity of Ethyl 2-Substituted-aminothiazole-4-carboxylate Analogs. Archiv Der Pharmazie, 1999, 332, 137-142.	2.1	47
79	Isoxsuprine Hydrochloride. Analytical Profiles of Drug Substances and Excipients, 1999, 26, 359-393.	0.0	3
80	SYNTHESIS, CONFORMATIONAL ANALYSIS AND ANTITUMOR TESTING OF 5-(Z)-ARYLIDENE-4-IMIDAZOLIDINONE DERIVATIVES. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 140, 159-181.	0.8	27
81	Praziquantel. Analytical Profiles of Drug Substances and Excipients, 1998, , 463-500.	0.0	16
82	Synthesis and cardiotonic activity of certain imidazo[2,1-b]-1,3,4-thiadiazole derivatives. Bollettino Chimico Farmaceutico, 1997, 136, 253-6.	0.1	2
83	Synthesis of certain 5-substituted 2-thiohydantoin derivatives as potential cytotoxic and antiviral agents. Bollettino Chimico Farmaceutico, 1997, 136, 561-7.	0.1	8
84	Synthesis of Phosphonate Isosteres of 2â€˜-Deoxy-1â€˜,2â€˜-seco-nucleotides. Journal of Organic Chemistry, 1996, 61, 890-894.	1.7	16
85	Synthesis and Biological Evaluation of 1â€˜,2â€˜-Seconucleo-5â€˜-phosphonates. Journal of Medicinal Chemistry, 1996, 39, 1130-1135.	2.9	15
86	5-Substituted-2-thiohydantoin analogs as a novel class of antitumor agents. Anti-Cancer Drugs, 1996, 7, 873-880.	0.7	95
87	2,4-Disubstituted thiazoles II. A novel class of antitumor agents, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 1996, 31, 1017-1021.	2.6	82
88	Synthesis, antimicrobial and antiviral evaluation of certain thienopyrimidine derivatives. European Journal of Medicinal Chemistry, 1995, 30, 445-449.	2.6	57
89	Novel diarylsulphide derivatives as potential cytotoxic agents. Bollettino Chimico Farmaceutico, 1995, 134, 80-4.	0.1	2
90	A general and facile synthesis of .beta.- and .gamma.-hydroxy phosphonates from epoxides. Journal of Organic Chemistry, 1993, 58, 5779-5783.	1.7	34

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91	Synthesis of 1â€²,2â€²-Seco-nucleoside Analogues of AZT. Nucleosides & Nucleotides, 1992, 11, 739-748.	0.5	2
92	Spectrophotometric Determination of Isoniazid Using Ethyl 8-Quinolinoxy Acetate. Analytical Letters, 1992, 25, 73-80.	1.0	15
93	A facile synthesis of Î²- and Î³- hydroxyphosphonate esters from epoxides. Tetrahedron Letters, 1992, 33, 5491-5494.	0.7	25
94	1',2'-Secothymidines. The preparation of 2,3'-anhydro derivatives and the formation of two unusual dimeric products. Journal of Organic Chemistry, 1991, 56, 4653-4658.	1.7	21
95	Thienobenzothiopyranones III new 4H-thieno[2,3-b][1]benzothiopyran-4-ones carrying different heterocyclic moieties of expected pharmacological interest. Archives of Pharmacal Research, 1990, 13, 24-27.	2.7	5
96	Triazoles and fused triazoles, III: Facile and efficient synthesis of 2,5-disubstituted-s-triazolo[3,4-b]-1,3,4-thiadiazoles. Monatshefte FÃ¼r Chemie, 1990, 121, 221-225.	0.9	18
97	Synthesis of substituted 4H-thieno[2,3-b][1]benzothiopyran-4-ones as possible schistosomicidal agents. Monatshefte FÃ¼r Chemie, 1990, 121, 45-50.	0.9	7
98	Synthesis of substituted arylazothioxanthones as potential schistosomicidal agents. Archives of Pharmacal Research, 1989, 12, 5-7.	2.7	1
99	Synthesis of 2-substituted 4H-thieno[2,3-b][1]benzothiopyran-4-ones as potential chemotherapeutic agents. Archives of Pharmacal Research, 1989, 12, 135-137.	2.7	1
100	Synthesis of substituted 4H-thiazolo[4,5-b][1]benzothiopyran-4-ones as possible schistosomicidal agents. Monatshefte FÃ¼r Chemie, 1989, 120, 991-995.	0.9	3
101	Synthesis of certain thiaxanthones as potential schistosomicidal agents. Archives of Pharmacal Research, 1986, 9, 25-28.	2.7	4
102	Taguchi Approach for Optimization of a Green Quantitative 1H-NMR Practice for Characterization of Levetiracetam and Brivaracetam in Pharmaceuticals. Journal of AOAC INTERNATIONAL, 0, , .	0.7	1