

Tarek Aboul-Fadl

List of Publications by Year in descending order

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62
papers

1,269
citations

361388

20
h-index

377849

34
g-index

67
all docs

67
docs citations

67
times ranked

1538
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antitubercular activity and pharmacokinetic studies of some schiff bases derived from 1-alkylisatin and isonicotinic acid hydrazide (inh). Archives of Pharmacal Research, 2003, 26, 778-784.	6.3	143
2	Schiff bases of indoline-2,3-dione (isatin) derivatives and nalidixic acid carbohydrazide, synthesis, antitubercular activity and pharmacophoric model building. European Journal of Medicinal Chemistry, 2010, 45, 4578-4586.	5.5	141
3	Antisense Oligonucleotides: The State of the Art. Current Medicinal Chemistry, 2005, 12, 2193-2214.	2.4	128
4	Effect of selenium-containing compounds on hepatic chemoprotective enzymes in mice. Toxicology, 2006, 220, 179-188.	4.2	58
5	New prodrug approach for amino acids and amino-acid-like drugs. European Journal of Medicinal Chemistry, 1996, 31, 165-169.	5.5	46
6	Synthesis of 5-Phenyl-1-(3-pyridyl)-1H-1,2,4-triazole-3-carboxylic Acid Derivatives of Potential Anti-inflammatory Activity. Archiv Der Pharmazie, 2006, 339, 32-40.	4.1	39
7	Cyclic amide derivatives as potential prodrugs II: N-hydroxymethylsuccinimide- / isatin esters of some NSAIDs as prodrugs with an improved therapeutic index. European Journal of Medicinal Chemistry, 1999, 34, 551-562.	5.5	37
8	Schiff Bases of Indoline-2,3-dione: Potential Novel Inhibitors of Mycobacterium Tuberculosis (Mtb) DNA Gyrase. Molecules, 2011, 16, 7864-7879.	3.8	37
9	Di- and trisubstituted pyrazolo[1,5-a]pyridine derivatives: synthesis, dopamine receptor binding and ligand efficacy. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 633-636.	2.2	32
10	New 2H-Tetrahydro-1, 3, 5-thiadiazine-2-thiones Incorporating Glycine and Glycinamide as Potential Antifungal Agents. Archiv Der Pharmazie, 2002, 335, 438-442.	4.1	30
11	Effective and Variable Functionalization of Pyrazolo[1,5-a]pyridines Involving Palladium-Catalyzed Coupling Reactions. Synthesis, 2000, 2000, 1727-1732.	2.3	28
12	Design and synthesis of novel isatin-based derivatives targeting cell cycle checkpoint pathways as potential anticancer agents. Bioorganic Chemistry, 2020, 105, 104366.	4.1	28
13	Anticonvulsant Activity of Paeonimetabolin-I Adducts Obtained by Incubation of Paeoniflorin and Thiol Compounds with Lactobacillus brevis.. Biological and Pharmaceutical Bulletin, 1999, 22, 491-497.	1.4	27
14	Cell cycle disruption and apoptotic activity of 3-aminothiazolo[3,2-a]benzimidazole-2-carbonitrile and its homologues. European Journal of Medicinal Chemistry, 2010, 45, 2689-2694.	5.5	27
15	Metronidazole twin ester prodrugs: synthesis, physicochemical properties, hydrolysis kinetics and anti-giardial activity. European Journal of Medicinal Chemistry, 1998, 33, 675-683.	5.5	26
16	Selenium Derivatives as Cancer Preventive Agents. Anti-Cancer Agents in Medicinal Chemistry, 2005, 5, 637-652.	7.0	25
17	Utility and Synthetic Uses of Mannich Reaction: An Efficient Route for Synthesis of Thiadiazino[1,3,5][3,2-a]benzimidazoles. Synthetic Communications, 2006, 36, 987-996.	2.1	25
18	Design, synthesis and pharmacophoric model building of novel substituted nicotinic acid hydrazones with potential antiproliferative activity. Archives of Pharmacal Research, 2012, 35, 1543-1552.	6.3	25

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19	1, 2-Dihydroisoquinoline-N-Acetic Acid Derivatives as New Carriers for Specific Brain Delivery I: Synthesis and Estimation of Oxidation Kinetics Using Multivariate Calibration Method. <i>Archiv Der Pharmazie</i> , 2003, 336, 573-584.	4.1	23
20	Pharmacophoric model building for antitubercular activity of the individual Schiff bases of small combinatorial library. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1098-1106.	5.5	23
21	Pre- and post-initiation chemoprevention activity of 2-alkyl/aryl selenazolidine-4(R)-carboxylic acids against tobacco-derived nitrosamine (NNK)-induced lung tumors in the A/J mouse. <i>Chemico-Biological Interactions</i> , 2007, 168, 211-220.	4.0	22
22	Potent Anticonvulsant Paeonimetabolin-I Derivatives Obtained by Incubation of Paeoniflorin and Thiol Compounds with <i>Lactobacillus brevis</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 1998, 46, 1486-1487.	1.3	18
23	Murine hepatoma (Hepa1c1c7) cells: A responsive in vitro system for chemoprotective enzyme induction by organoselenium compounds. <i>Toxicology in Vitro</i> , 2007, 21, 157-164.	2.4	18
24	Novel non-cyclooxygenase inhibitory derivatives of naproxen for colorectal cancer chemoprevention. <i>Medicinal Chemistry Research</i> , 2014, 23, 4177-4188.	2.4	18
25	Kinetics of solid state stability of glycine derivatives as a model for peptides using differential scanning calorimetry. <i>Biophysical Chemistry</i> , 2002, 97, 113-120.	2.8	16
26	Schiff bases of indoline-2,3-dione (isatin) with potential antiproliferative activity. <i>Chemistry Central Journal</i> , 2012, 6, 49.	2.6	15
27	3,5-Disubstituted thiadiazine-2-thiones: New cell-cycle inhibitors. <i>Archives of Pharmacal Research</i> , 2012, 35, 35-49.	6.3	15
28	Synthesis and anti-mycobacterial activity of 4-(4-phenyl-1H-1,2,3-triazol-1-yl)salicylhydrazones: revitalizing an old drug. <i>Archives of Pharmacal Research</i> , 2017, 40, 168-179.	6.3	15
29	New Carriers for Representative Peptides and Peptide Drugs. <i>Archiv Der Pharmazie</i> , 1997, 330, 327-332.	4.1	14
30	Paracetamol (acetaminophen) esters of some non-steroidal anti-inflammatory carboxylic acids as mutual prodrugs with improved therapeutic index. <i>Inflammopharmacology</i> , 1998, 6, 143-157.	3.9	14
31	Acute effects of novel selenazolidines on murine chemoprotective enzymes. <i>Chemico-Biological Interactions</i> , 2006, 162, 31-42.	4.0	14
32	Microwave-Assisted One-Step Synthesis of Fenamic Acid Hydrazides from the Corresponding Acids. <i>Molecules</i> , 2011, 16, 3544-3551.	3.8	14
33	Effects of Paeoniflorin Derivatives on Scopolamine-Induced Amnesia Using a Passive Avoidance Task in Mice; Structure-Activity Relationship.. <i>Biological and Pharmaceutical Bulletin</i> , 1998, 21, 1174-1179.	1.4	12
34	SYNTHESIS AND ANTITUBERCULAR ACTIVITY OF SOME MANNICH BASES DERIVED FROM ISATIN ISONICOTINIC ACID HYDRAZONE. <i>Bulletin of Pharmaceutical Sciences</i> , 2005, 28, 131-136.	0.1	11
35	1, 2-Dihydroisoquinoline-N-acetic Acid Derivatives as New Carriers for Brain-specific Delivery II: Delivery of Phenethylamine as Model Drug. <i>Archiv Der Pharmazie</i> , 2003, 336, 258-263.	4.1	9
36	Susceptibility of <i>Escherichia coli</i> to L-selenaproline and other L-proline analogues in laboratory culture media and normal human urine. <i>Letters in Applied Microbiology</i> , 2006, 43, 392-398.	2.2	9

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37	Antisense oligonucleotide technologies in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2006, 1, 285-288.	5.0	9
38	Microwave-Assisted Solution-Phase Synthesis and DART-Mass Spectrometric Monitoring of a Combinatorial Library of Indolin-2,3-dione Schiff Bases with Potential Antimycobacterial Activity. <i>Molecules</i> , 2011, 16, 5194-5206.	3.8	9
39	Synthesis, characterization and pharmacological evaluation of certain enzymatically cleavable NSAIDs amide prodrugs. <i>Bioorganic Chemistry</i> , 2017, 70, 144-152.	4.1	9
40	Inversion kinetics of some <i>E</i> / <i>Z</i> 3-(benzylidene)-2-oxo-indoline derivatives and their <i>in silico</i> CDK2 docking studies. <i>RSC Advances</i> , 2021, 11, 7839-7850.	3.6	8
41	Novel Azine Linked Hybrids of 2-Indolinone and Thiazolidinone Scaffolds as CDK2 Inhibitors with Potential Anticancer Activity: <i>In Silico</i> Design, Synthesis, Biological, Molecular Dynamics and Binding Free Energy Studies. <i>Bioorganic Chemistry</i> , 2022, 126, 105884.	4.1	6
42	Effects of isatinisoniazid derivatives on drug metabolizing and chemoprotective enzymes in mice. <i>Drug Development Research</i> , 2010, 71, 313-322.	2.9	5
43	Synthesis and Characterization of bis-3,5-Disubstituted Thiadiazine-2-thione Derivatives as Anticancer Agents. <i>Asian Journal of Chemistry</i> , 2014, 26, 8145-8150.	0.3	5
44	New cell cycle checkpoint pathways regulators with 2-Oxo-indoline scaffold as potential anticancer agents: Design, synthesis, biological activities and <i>in silico</i> studies. <i>Bioorganic Chemistry</i> , 2022, 120, 105622.	4.1	5
45	New Paeonilactone-A Adducts Formed by Anaerobic Incubation of Paeoniflorin with <i>Lactobacillus brevis</i> in the Presence of Arylthiols. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 918-920.	1.3	4
46	A highly sensitive automated flow immunosensor based on kinetic exclusion analysis for determination of the cancer marker 8-hydroxy-2'-deoxyguanosine in urine. <i>Analytical Methods</i> , 2013, 5, 1502.	2.7	4
47	Tetrahydro-2H-1,3,5- thiadiazine-2-thione Derivatives of The optical Isomers of Phenylalanine, Synthesis, Comparative Stability Study and Antifungal Activity. <i>Scientia Pharmaceutica</i> , 2002, 70, 359-378.	2.0	3
48	An Unusual Senseless Oligoribonucleotide With Potent Anti-HIV Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 545-554.	1.1	3
49	A highly sensitive enzyme immunoassay for evaluation of 2'-deoxycytidine plasma level as a prognostic marker for breast cancer chemotherapy. <i>Analytica Chimica Acta</i> , 2009, 632, 266-271.	5.4	3
50	Pharmacokinetic studies of naproxen amides of some amino acid esters with promising colorectal cancer chemopreventive activity. <i>Bioorganic Chemistry</i> , 2018, 76, 370-379.	4.1	3
51	Synthesis, Degradation Kinetics and <i>in vitro</i> Antimicrobial Activity of Tetrahydro-2H-1,3,5-thiadiazine-2-thione Derivatives of Some β -Amino Acids. <i>Arzneimittelforschung</i> , 2003, 53, 526-531.	0.4	2
52	(Z)-Ethyl 2-cyano-2-[2-[5,6-dimethyl-4-(thiophen-2-yl)-1H-pyrazolo[3,4-b]pyridin-3-yl]hydrazinylidene}acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2145-o2146.	0.2	2
53	Some New NSAIDs Prodrugs: An Efficient Synthesis, Spectral Characterization and X-ray Crystal Structure Studies. <i>Asian Journal of Chemistry</i> , 2014, 26, 5249-5254.	0.3	2
54	Crystal structure and quantum chemical calculations of (E)-1-benzyl-3-((4-methoxyphenyl)imino)-5-methylindolin-2-one. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1601-1609.	1.5	2

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55	Synthesis, Degradation Kinetics and in vitro Antimicrobial Activity of Tetrahydro-2H-1,3,5-thiadiazine-2-thione Derivatives of Some β -Amino Acids.. ChemInform, 2003, 34, no.	0.0	1
56	Synthesis of a peptide nucleic acid with a novel 1-methyl-6-mercaptapurine base. Journal of Heterocyclic Chemistry, 2008, 45, 445-451.	2.6	1
57	Cell screening assay for identifying inhibitors of eosinophil proliferation. Drug Development Research, 2011, 72, 353-360.	2.9	1
58	New 2H-Tetrahydro-1,3,5-thiadiazine-2-thiones Incorporating Glycine and Glycinamide as Potential Antifungal Agents.. ChemInform, 2003, 34, no.	0.0	0
59	1,2-Dihydroisoquinoline-N-acetic Acid Derivatives as New Carriers for Brain-Specific Delivery. Part 2. Delivery of Phenethylamine as Model Drug.. ChemInform, 2003, 34, no.	0.0	0
60	(Z)-3-Hydrazinylidene-1-phenylindolin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3014-o3014.	0.2	0
61	Synthesis, Characterization and Antiproliferative Activity of Certain Meclofenamic Acid Amides. Asian Journal of Chemistry, 2017, 29, 291-295.	0.3	0
62	Regulation of ATP-binding cassette (Abc) transporters by organoselenium compounds. FASEB Journal, 2008, 22, 921.18.	0.5	0