Tarek Aboul-Fadl

List of Publications by Year
in descending order

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	New cell cycle checkpoint pathways regulators with 2-Oxo-indoline scaffold as potential anticancer agents: Design, synthesis, biological activities and in silico studies. Bioorganic Chemistry, 2022, 120, 105622.	4.1	5
2	Novel Azine Linked Hybrids of 2-Indolinone and Thiazolodinone Scaffolds as CDK2 Inhibitors with Potential Anticancer Activity: In Silico Design, Synthesis, Biological, Molecular Dynamics and Binding Free Energy Studies. Bioorganic Chemistry, 2022, 126, 105884.	4.1	6
3	Inversion kinetics of some E/Z 3-(benzylidene)-2-oxo-indoline derivatives and their in silico CDK2 docking studies. RSC Advances, 2021, 11, 7839-7850.	3.6	8
4	Crystal structure and quantum chemical calculations of (E)1â€benzylâ€3â€((4â€methoxyphenyl)imino)â€5â€methylindolinâ€2â€one. Journal of Heterocyclic Chemistry, 2021, 58, 1601-1609.	2.6	2
5	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
6	Pharmacokinetic studies of naproxen amides of some amino acid esters with promising colorectal cancer chemopreventive activity. Bioorganic Chemistry, 2018, 76, 370-379.	4.1	3
7	Synthesis and anti-mycobacterial activity of 4-(4-phenyl-1H-1,2,3-triazol-1-yl)salicylhydrazones: revitalizing an old drug. Archives of Pharmacal Research, 2017, 40, 168-179.	6.3	15
8	Synthesis, characterization and pharmacological evaluation of certain enzymatically cleavable NSAIDs amide prodrugs. Bioorganic Chemistry, 2017, 70, 144-152.	4.1	9
9	Synthesis, Characterization and Antiproliferative Activity of Certain Meclofenamic Acid Amides. Asian Journal of Chemistry, 2017, 29, 291-295.	0.3	0
10	Some New NSAIDs Prodrugs: An Efficient Synthesis, Spectral Characterization and X-ray Crystal Structure Studies. Asian Journal of Chemistry, 2014, 26, 5249-5254.	0.3	2
11	Synthesis and Characterization of bis-3,5-Disubstituted Thiadiazine-2-thione Derivatives as Anticancer Agents. Asian Journal of Chemistry, 2014, 26, 8145-8150.	0.3	5
12	Novel non-cyclooxygenase inhibitory derivatives of naproxen for colorectal cancer chemoprevention. Medicinal Chemistry Research, 2014, 23, 4177-4188.	2.4	18
13	A highly sensitive automated flow immunosensor based on kinetic exclusion analysis for determination of the cancer marker 8-hydroxy-2â€²-deoxyguanosine in urine. Analytical Methods, 2013, 5, 1502.	2.7	4
14	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
15	Schiff bases of indoline-2,3-dione (isatin) with potential antiproliferative activity. Chemistry Central Journal, 2012, 6, 49.	2.6	15
16	3,5-Disubstituted thiadiazine-2-thiones: New cell-cycle inhibitors. Archives of Pharmacal Research, 2012, 35, 35-49.	6.3	15
17	Microwave-Assisted One-Step Synthesis of Fenamic Acid Hydrazides from the Corresponding Acids. Molecules, 2011, 16, 3544-3551.	3.8	14
18	Schiff Bases of Indoline-2,3-dione: Potential Novel Inhibitors of Mycobacterium Tuberculosis (Mtb) DNA Gyrase. Molecules, 2011, 16, 7864-7879.	3.8	37

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19	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. Molecules, 2011, 16, 5194-5206.	3.8	9
20	Cell screening assay for identifying inhibitors of eosinophil proliferation. Drug Development Research, 2011, 72, 353-360.	2.9	1
21	(Z)-Ethyl 2-cyano-2-{2-[5,6-dimethyl-4-(thiophen-2-yl)-1H-pyrazolo[3,4-b]pyridin-3-yl]hydrazinylidene}acetate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2145-o2146.	0.2	2
22	Effects of isatinâ€isoniazid derivatives on drug metabolizing and chemoprotective enzymes in mice. Drug Development Research, 2010, 71, 313-322.	2.9	5
23	Pharmacophoric model building for antitubercular activity of the individual Schiff bases of small combinatorial library. European Journal of Medicinal Chemistry, 2010, 45, 1098-1106.	5.5	23
24	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
25	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
26	(Z)-3-Hydrazinylidene-1-phenylindolin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3014-o3014.	0.2	0
27	A highly sensitive enzyme immunoassay for evaluation of 2â€²-deoxycytidine plasma level as a prognostic marker for breast cancer chemotherapy. Analytica Chimica Acta, 2009, 632, 266-271.	5.4	3
28	Synthesis of a peptide nucleic acid with a novel 1â€methylâ€6â€mercaptopurine base. Journal of Heterocyclic Chemistry, 2008, 45, 445-451.	2.6	1
29	Regulation of ATPâ€binding cassette (Abc) transporters by organoselenium compounds. FASEB Journal, 2008, 22, 921.18.	0.5	0
30	Murine hepatoma (Hepa1c1c7) cells: A responsive in vitro system for chemoprotective enzyme induction by organoselenium compounds. Toxicology in Vitro, 2007, 21, 157-164.	2.4	18
31	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. Chemico-Biological Interactions, 2007, 168, 211-220.	4.0	22
32	Utility and Synthetic Uses of Mannich Reaction: An Efficient Route for Synthesis of Thiadiazinoâ€[1,3,5][3,2â€a]benzimidazoles. Synthetic Communications, 2006, 36, 987-996.	2.1	25
33	Susceptibility of Escherichia coli to L-selenaproline and other L-proline analogues in laboratory culture media and normal human urine. Letters in Applied Microbiology, 2006, 43, 392-398.	2.2	9
34	Effect of selenium-containing compounds on hepatic chemoprotective enzymes in mice. Toxicology, 2006, 220, 179-188.	4.2	58
35	Acute effects of novel selenazolidines on murine chemoprotective enzymes. Chemico-Biological Interactions, 2006, 162, 31-42.	4.0	14
36	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

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37	Antisense oligonucleotide technologies in drug discovery. Expert Opinion on Drug Discovery, 2006, 1, 285-288.	5.0	9
38	Antisense Oligonucleotides: The State of the Art. Current Medicinal Chemistry, 2005, 12, 2193-2214.	2.4	128
39	Selenium Derivatives as Cancer Preventive Agents. Anti-Cancer Agents in Medicinal Chemistry, 2005, 5, 637-652.	7.0	25
40	SYNTHESIS AND ANTITUBERCULAR ACTIVITY OF SOME MANNICH BASES DERIVED FROM ISATIN ISONICOTINIC ACID HYDRAZONE. Bulletin of Pharmaceutical Sciences, 2005, 28, 131-136.	0.1	11
41	An Unusual â€œSenselessâ€•2â€²,5â€²â€Oligoribonucleotide With Potent Antiâ€Hiv Activity. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 545-554.	1.1	3
42	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
43	New 2H-Tetrahydro-1,3,5-thiadiazine-2-thiones Incorporating Glycine and Glycinamide as Potential Antifungal Agents.. ChemInform, 2003, 34, no.	0.0	0
44	Synthesis, Degradation Kinetics and in vitro Antimicrobial Activity of Tetrahydro-2H-1,3,5-thiadiazine-2-thione Derivatives of Some Î²-Amino Acids.. ChemInform, 2003, 34, no.	0.0	1
45	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
46	1, 2-Dihydroisoquinoline-N-acetic Acid Derivatives as New Carriers for Brain-specific Delivery II: Delivery of Phenethylamine as Model Drug. Archiv Der Pharmazie, 2003, 336, 258-263.	4.1	9
47	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. Archiv Der Pharmazie, 2003, 336, 573-584.	4.1	23
48	Synthesis, Degradation Kinetics and in vitro Antimicrobial Activity of Tetrahydro-2H-1,3,5-thiadiazine-2-thione Derivatives of Some Î²-Amino Acids. Arzneimittelforschung, 2003, 53, 526-531.	0.4	2
49	Tetrahydro-2H-1,3,5- thiadiazin-t-thione Derivatives of The optical Isomers of Phenylalanine, Synthesis, Comparative Stability Study and Antifungal Activity. Scientia Pharmaceutica, 2002, 70, 359-378.	2.0	3
50	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
51	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
52	Kinetics of solid state stability of glycine derivatives as a model for peptides using differential scanning calorimetry. Biophysical Chemistry, 2002, 97, 113-120.	2.8	16
53	New Paeonilactone-A Adducts Formed by Anaerobic Incubation of Paeoniflorin with Lactobacillus brevis in the Presence of Arylthiols.. Chemical and Pharmaceutical Bulletin, 2001, 49, 918-920.	1.3	4
54	Effective and Variable Functionalization of Pyrazolo[1,5-a]pyridines Involving Palladium-Catalyzed Coupling Reactions. Synthesis, 2000, 2000, 1727-1732.	2.3	28

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55	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
56	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
57	Paracetamol (acetaminophen) esters of some non-steroidal anti-inflammatory carboxylic acids as mutual prodrugs with improved therapeutic index. Inflammopharmacology, 1998, 6, 143-157.	3.9	14
58	Metronidazole twin ester prodrugs: synthesis, physicochemical properties, hydrolysis kinetics and antigiardial activity. European Journal of Medicinal Chemistry, 1998, 33, 675-683.	5.5	26
59	Effects of Paeoniflorin Derivatives on Scopolamine-Induced Amnesia Using a Passive Avoidance Task in Mice; Structure-Activity Relationship.. Biological and Pharmaceutical Bulletin, 1998, 21, 1174-1179.	1.4	12
60	Potent Anticonvulsant Paeonimetabolin-I Derivatives Obtained by Incubation of Paeoniflorin and Thiol Compounds with Lactobacillus brevis.. Chemical and Pharmaceutical Bulletin, 1998, 46, 1486-1487.	1.3	18
61	New Carriers for Representative Peptides and Peptide Drugs. Archiv Der Pharmazie, 1997, 330, 327-332.	4.1	14
62	New prodrug approach for amino acids and amino-acid-like drugs. European Journal of Medicinal Chemistry, 1996, 31, 165-169.	5.5	46