Moustafa E El-Araby

List of Publications by Year in Descending Order

28 papers	246 citations	10 h-index	15 g-index
33 ext. papers	292 ext. citations	4.2 avg, IF	3.02 L-index

#	Paper	IF	Citations
28	Reexamining Povarov Reaction: Scope and Limitation in the Generation of HCV-NS4A Peptidomimetics. *Heteroatom Chemistry*, **2022**, 2022, 1-12	1.2	
27	Insights on Cancer Cell Inhibition, Subcellular Activities, and Kinase Profile of Phenylacetamides Pending 1-Imidazol-5-One Variants.. *Frontiers in Pharmacology*, **2021**, 12, 794325	5.6	
26	A single-step synthesis of 1,3,4,6-tetraaryl-5-aryliminopiperazin-2-one. *Journal of Heterocyclic Chemistry*, **2021**, 58, 442-449	1.9	1
25	Improving the Solubility and Oral Bioavailability of a Novel Aromatic Aldehyde Antisickling Agent (PP10) for the Treatment of Sickle Cell Disease. *Pharmaceutics*, **2021**, 13,	6.4	2
24	Introducing of potent cytotoxic novel 2-(aroylamino)cinnamamide derivatives against colon cancer mediated by dual apoptotic signal activation and oxidative stress. *Bioorganic Chemistry*, **2020**, 101, 103953	5.1	2
23	Novel molecular discovery of promising amidine-based thiazole analogues as potent dual Matrix Metalloproteinase-2 and 9 inhibitors: Anticancer activity data with prominent cell cycle arrest and DNA fragmentation analysis effects. *Bioorganic Chemistry*, **2020**, 101, 103992	5.1	15
22	Bioassay Guided Isolation and Docking Studies of a Potential β-Lactamase Inhibitor from. *Molecules*, **2020**, 25,	4.8	5
21	1-Imidazole-2,5-Dicarboxamides as NS4A Peptidomimetics: Identification of a New Approach to Inhibit HCV-NS3 Protease. *Biomolecules*, **2020**, 10,	5.9	5
20	An Investigation of Structure-Activity Relationships of Azolylacryloyl Derivatives Yielded Potent and Long-Acting Hemoglobin Modulators for Reversing Erythrocyte Sickling. *Biomolecules*, **2020**, 10,	5.9	3
19	Synthetic bulky NS4A peptide variants bind to and inhibit HCV NS3 protease. *Journal of Advanced Research*, **2020**, 24, 251-259	13	2
18	Structural modification of azolylacryloyl derivatives yields a novel class of covalent modifiers of hemoglobin as potential antisickling agents. *MedChemComm*, **2019**, 10, 1900-1906	5	2
17	Molecular modelling insights into a physiologically favourable approach to eicosanoid biosynthesis inhibition through novel thieno[2,3-b]pyridine derivatives. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2018**, 33, 755-767	5.6	13
16	Design, Synthesis and Antiproliferative Activities of Oxidative Stress Inducers Based on 2-Styryl-3,5-dihydro-4H-imidazol-4-one Scaffold. *Chemical and Pharmaceutical Bulletin*, **2018**, 66, 967-975	1.9	3
15	Molecular Mimics of Classic P-Glycoprotein Inhibitors as Multidrug Resistance Suppressors and Their Synergistic Effect on Paclitaxel. *PLoS ONE*, **2017**, 12, e0168938	3.7	18
14	New quinoxalinone inhibitors targeting secreted phospholipase A2 and α-glucosidase. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 1143-1151	5.6	12
13	Aryloxyalkanoic Acids as Non-Covalent Modifiers of the Allosteric Properties of Hemoglobin. *Molecules*, **2016**, 21,	4.8	2
12	Epigenetic Pathways of Oncogenic Viruses: Therapeutic Promises. *Archiv Der Pharmazie*, **2016**, 349, 73-90	4.3	7

11	Identification of a novel class of covalent modifiers of hemoglobin as potential antisickling agents. *Organic and Biomolecular Chemistry*, **2015**, 13, 6353-70	3.9	12
10	Structure-based design and synthesis of novel pseudosaccharine derivatives as antiproliferative agents and kinase inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 61, 122-31	6.8	28
9	Design, synthesis and in vivo anti-inflammatory activities of 2,4-diaryl-5-4H-imidazolone derivatives. *Molecules*, **2012**, 17, 12262-75	4.8	27
8	Synthesis and anti-proliferative activity of substituted-anilinoquinazolines and its relation to EGFR inhibition. *Arzneimittelforschung*, **2012**, 62, 360-6		1
7	Virtual screening and synthesis of new chemical scaffolds as VEGFR-2 kinase inhibitors. *Arzneimittelforschung*, **2012**, 62, 554-60		1
6	Design, Synthesis and Cancer Cell Line Activities of Pyrazolo[3,4-<i>b</i>]pyridine Derivatives. *Open Journal of Medicinal Chemistry*, **2012**, 02, 78-88	0.1	21
5	Potent Anticonvulsant 1H-Imidazol-5(4H)-One Derivatives with Low Neurotoxicity. *Open Journal of Medicinal Chemistry*, **2012**, 02, 24-29	0.1	1
4	Structure-based molecular design, synthesis, and in vivo anti-inflammatory activity of pyridazinone derivatives as nonclassic COX-2 inhibitors. *Medicinal Chemistry Research*, **2010**, 19, 629-642	2.2	28
3	Synthesis, molecular modeling, and evaluation of nonphenolic indole analogs of mycophenolic acid. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 2867-79	3.4	20
2	Solid-phase synthesis of an alkylaminobenzanilide library. *ACS Combinatorial Science*, **2004**, 6, 789-95		7
1	Synthesis of a 2, 4, 8-trisubstituted pyrimidino[5, 4-d]pyrimidine library via sequential SNAr reactions on solid-phase. *Combinatorial Chemistry and High Throughput Screening*, **2004**, 7, 413-21	1.3	7