

# Mohammad Abdel-Halim

## List of Publications by Citations

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39  
papers

285  
citations

9  
h-index

15  
g-index

44  
ext. papers

414  
ext. citations

4.8  
avg, IF

3.58  
L-index

#	Paper	IF	Citations
39	In Vitro transdermal delivery of sesamol using oleic acid chemically-modified gelatin nanoparticles as a potential breast cancer medication. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 48, 30-39	4.5	33
38	Synthesis, molecular modeling and biological evaluation of novel tadalafil analogues as phosphodiesterase 5 and colon tumor cell growth inhibitors, new stereochemical perspective. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1278-86	6.8	32
37	Discovery and optimization of 1,3,5-trisubstituted pyrazolines as potent and highly selective allosteric inhibitors of protein kinase C. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 6513-30	8.3	29
36	Development of Selective Clk1 and -4 Inhibitors for Cellular Depletion of Cancer-Relevant Proteins. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 5377-5391	8.3	28
35	Prevention of hepatic stellate cell activation using JQ1- and atorvastatin-loaded chitosan nanoparticles as a promising approach in therapy of liver fibrosis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 134, 96-106	5.7	25
34	Molecularly imprinted polymers for selective extraction of rosmarinic acid from <i>Rosmarinus officinalis</i> L. <i>Food Chemistry</i> , <b>2021</b> , 335, 127644	8.5	14
33	Development of novel 2,4-bispyridyl thiophene-based compounds as highly potent and selective Dyrk1A inhibitors. Part I: Benzamide and benzylamide derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 1031-1050	6.8	12
32	Extending the use of tadalafil scaffold: Development of novel selective phosphodiesterase 5 inhibitors and histone deacetylase inhibitors. <i>Bioorganic Chemistry</i> , <b>2020</b> , 98, 103742	5.1	9
31	Pharmacological inhibition of protein kinase C (PKC) downregulates the expression of cytokines involved in the pathogenesis of chronic obstructive pulmonary disease (COPD). <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 93, 405-9	5.1	9
30	Natural Products Repertoire of the Red Sea. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	9
29	Development of novel amide-derivatized 2,4-bispyridyl thiophenes as highly potent and selective Dyrk1A inhibitors. Part II: Identification of the cyclopropylamide moiety as a key modification. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 270-285	6.8	9
28	Computational design of molecularly imprinted polymer for solid phase extraction of moxifloxacin hydrochloride from Avalox tablets and spiked human urine samples. <i>Microchemical Journal</i> , <b>2019</b> , 148, 51-56	4.8	8
27	Collagenase loaded chitosan nanoparticles for digestion of the collagenous scar in liver fibrosis: The effect of chitosan intrinsic collagen binding on the success of targeting. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 148, 54-66	5.7	8
26	Design and synthesis of novel annulated thienopyrimidines as phosphodiesterase 5 (PDE5) inhibitors. <i>Archiv Der Pharmazie</i> , <b>2018</b> , 351, e1800018	4.3	7
25	Design and synthesis of conformationally constraint Dyrk1A inhibitors by creating an intramolecular H-bond involving a benzothiazole core. <i>MedChemComm</i> , <b>2018</b> , 9, 1045-1053	5	7
24	Symmetric Anti-HCV Agents: Synthesis, Antiviral Properties, and Conformational Aspects of Core Scaffolds. <i>ACS Omega</i> , <b>2019</b> , 4, 11440-11454	3.9	6
23	Taurine loaded chitosan-pectin nanoparticle shows curative effect against acetic acid-induced colitis in rats. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 351, 109715	5	6

22	Synthesis and antimicrobial evaluation of new halogenated 1,3-Thiazolidin-4-ones. <i>Bioorganic Chemistry</i> , <b>2020</b> , 95, 103517	5.1	4
21	Enhanced anti-bacterial effect of kojic acid using gelatinized core liposomes: A potential approach to combat antibiotic resistance. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 64, 102625	4.5	4
20	Discovery of trisubstituted pyrazolines as a novel scaffold for the development of selective phosphodiesterase 5 inhibitors. <i>Bioorganic Chemistry</i> , <b>2020</b> , 104, 104322	5.1	3
19	Trisubstituted and tetrasubstituted pyrazolines as a novel class of cell-growth inhibitors in tumor cells with wild type p53. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 7343-56	3.4	3
18	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Optimization of the 2,4-substituents. <i>Bioorganic Chemistry</i> , <b>2021</b> , 117, 105422	5.1	3
17	Symmetric benzidine derivatives as anti-HCV agents: Insight into the nature, stereochemistry of the capping amino acid and the size of the terminal capping carbamates. <i>Bioorganic Chemistry</i> , <b>2020</b> , 102, 104089	5.1	2
16	Design and synthesis of novel 1,3,5-triphenyl pyrazolines as potential anti-inflammatory agents through allosteric inhibition of protein kinase Czeta (PKC $\zeta$ ). <i>MedChemComm</i> , <b>2018</b> , 9, 1076-1082	5	2
15	Validation and Application of Molecularly Imprinted Polymers for SPE/UPLC/MS/MS Detection of Gemifloxacin Mesylate. <i>Chromatographia</i> , <b>2019</b> , 82, 1617-1631	2.1	2
14	Synthesis, Molecular Modeling, and Biological Evaluation of Novel Tetrahydro- $\beta$ -Carboline Hydantoin and Tetrahydro- $\beta$ -Carboline Thiohydantoin Derivatives as Phosphodiesterase 5 Inhibitors. <i>International Journal of Medicinal Chemistry</i> , <b>2011</b> , 2011, 562421	1.7	2
13	Discovery of novel 6-hydroxybenzothiazole urea derivatives as dual Dyrk1A/ $\beta$ -synuclein aggregation inhibitors with neuroprotective effects. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 227, 113911	6.8	2
12	Synthesis of novel 1,2-diarylpyrazolidin-3-one-based compounds and their evaluation as broad spectrum antibacterial agents. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103759	5.1	1
11	Synthesis and Optimization of New 3,6-Disubstituted indole Derivatives and Their Evaluation as Anticancer Agents Targeting the MDM2/MDMx Complex. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2016</b> , 64, 34-41	1.9	1
10	Discovery of Hydroxybenzothiazole Urea Compounds as Multitargeted Agents Suppressing Major Cytotoxic Mechanisms in Neurodegenerative Diseases. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 4302-4318	5.7	1
9	Redesigning of the cap conformation and symmetry of the diphenylethyne core to yield highly potent pan-genotypic NS5A inhibitors with high potency and high resistance barrier.. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 229, 114034	6.8	1
8	From Celecoxib to a Novel Class of Phosphodiesterase 5 Inhibitors: Trisubstituted Pyrazolines as Novel Phosphodiesterase 5 Inhibitors with Extremely High Potency and Phosphodiesterase Isozyme Selectivity. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 4462-4477	8.3	1
7	Potential neuroprotective activity of <i>Mentha longifolia</i> L. in aluminum chloride-induced rat model of Alzheimer's disease. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, 1770	3.3	1
6	5-Methoxybenzothiophene-2-Carboxamides as Inhibitors of Clk1/4: Optimization of Selectivity and Cellular Potency. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
5	Alternating Magnetic Field Induced Membrane Permeability in Erythromycin Magneto-Liposomes A Potential Solution to Antibiotic Resistance. <i>Biophysics (Russian Federation)</i> , <b>2021</b> , 66, 264-272	0.7	0

4	Novel thiazolidine derivatives as potent selective pro-apoptotic agents. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105143	5.1	o
3	Development of novel conformationally restricted selective Clk1/4 inhibitors through creating an intramolecular hydrogen bond involving an imide linker. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 114411	6.8	o
2	Design and Synthesis of Novel Bis-Imidazolyl Phenyl Butadiyne Derivatives as HCV NS5A Inhibitors. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 632	5.2	o
1	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Modification of the benzenoid part.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2022</b> , 59, 12853† <sup>9</sup>		