Mohammad Imran Siddiqi

List of Publications by Year
in descending order

37	1,016	304743 22	434195 31
papers	citations	h-index	g-index

39	39	39	1678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nuclear gyrB encodes a functional subunit of the Plasmodium falciparum gyrase that is involved in apicoplast DNA replication. Molecular and Biochemical Parasitology, 2007, 154, 30-39.	1.1	58
2	Visceral Leishmaniasis: Advancements in Vaccine Development via Classical and Molecular Approaches. Frontiers in Immunology, 2014, 5, 380.	4.8	57
3	Identification of Novel Inhibitors of Mycobacterium tuberculosis PknG Using Pharmacophore Based Virtual Screening, Docking, Molecular Dynamics Simulation, and Their Biological Evaluation. Journal of Chemical Information and Modeling, 2015, 55, 1120-1129.	5.4	51
4	Ligand based virtual screening and biological evaluation of inhibitors of chorismate mutase (Rv1885c) from Mycobacterium tuberculosis H37Rv. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3053-3058.	2.2	49
5	Synthesis and molecular docking studies of 1-phenyl-4-glycosyl-dihydropyridines as potent antileishmanial agents. European Journal of Medicinal Chemistry, 2010, 45, 2381-2388.	5.5	47
6	Discovery of a new class of dithiocarbamates and rhodanine scaffolds as potent antifungal agents: synthesis, biology and molecular docking. MedChemComm, 2012, 3, 1104.	3.4	47
7	Amino acid-based enantiomerically pure 3-substituted 1,4-benzodiazepin-2-ones: A new class of anti-ischemic agents. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1326-1331.	2.2	45
8	Interaction between sulphur mobilisation proteins SufB and SufC: Evidence for an ironâ€“sulphur cluster biogenesis pathway in the apicoplast of Plasmodium falciparum. International Journal for Parasitology, 2011, 41, 991-999.	3.1	45
9	Characterization of Glycolytic Enzymes - rAldolase and rEnolase of Leishmania donovani, Identified as Th1 Stimulatory Proteins, for Their Immunogenicity and Immunoprophylactic Efficacies against Experimental Visceral Leishmaniasis. PLoS ONE, 2014, 9, e86073.	2.5	44
10	CoMFA and CoMSIA 3D-QSAR analysis of diaryloxy-methano-phenanthrene derivatives as anti-tubercular agents. Journal of Molecular Modeling, 2007, 13, 99-109.	1.8	43
11	Virtual screening strategies: Recent advances in the identification and design of anti-cancer agents. Methods, 2015, 71, 64-70.	3.8	41
12	Synthesis and bio-evaluation of indole-chalcone based benzopyrans as promising antiligase and antiproliferative agents. European Journal of Medicinal Chemistry, 2018, 143, 1981-1996.	5.5	38
13	Pharmacophore-Based Screening and Identification of Novel Human Ligase I Inhibitors with Potential Anticancer Activity. Journal of Chemical Information and Modeling, 2014, 54, 781-792.	5.4	37
14	Sulfur Mobilization for Fe-S Cluster Assembly by the Essential SUF Pathway in the Plasmodium falciparum Apicoplast and Its Inhibition. Antimicrobial Agents and Chemotherapy, 2014, 58, 3389-3398.	3.2	36
15	Knowledge Based Identification of Potent Antitubercular Compounds Using Structure Based Virtual Screening and Structure Interaction Fingerprints. Journal of Chemical Information and Modeling, 2009, 49, 35-42.	5.4	34
16	Leishmania donovani pteridine reductase 1: Biochemical properties and structure-modeling studies. Experimental Parasitology, 2008, 120, 73-79.	1.2	33
17	[Feâ€“S] cluster assembly in the apicoplast and its indispensability in mosquito stages of the malaria parasite. FEBS Journal, 2017, 284, 2629-2648.	4.7	31
18	The effect of fusidic acid on Plasmodium falciparum elongation factor G (EF-G). Molecular and Biochemical Parasitology, 2013, 192, 39-48.	1.1	26

#	Article	IF	Citations
19	Identification of potent inhibitors of DNA methyltransferase 1 (DNMT1) through a pharmacophore-based virtual screening approach. Journal of Molecular Graphics and Modelling, 2017, 75, 174-188.	2.4	26
20	Investigation of Ugi-4CC derived 1H-tetrazol-5-yl-(aryl) methyl piperazinyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid: Synthesis, Biology and 3D-QSAR analysis. European Journal of Medicinal Chemistry, 2014, 78, 442-454.	5.5	25
21	Identification of human flap endonuclease 1 (FEN1) inhibitors using a machine learning based consensus virtual screening. Molecular BioSystems, 2017, 13, 1630-1639.	2.9	25
22	An orally effective dihydropyrimidone (DHPM) analogue induces apoptosis-like cell death in clinical isolates of Leishmania donovani overexpressing pteridine reductase 1. Parasitology Research, 2009, 105, 1317-1325.	1.6	24
23	Design, synthesis and anticancer activity of dihydropyrimidinoneâ€“semicarbazone hybrids as potential human DNA ligase 1 inhibitors. MedChemComm, 2016, 7, 2349-2363.	3.4	23
24	Synthetic modified pyrrolo[1,4] benzodiazepine molecules demonstrate selective anticancer activity by targeting the human ligase 1 enzyme: An in silico and in vitro mechanistic study. Chemico-Biological Interactions, 2015, 237, 115-124.	4.0	20
25	Immunogenicity and Protective Efficacy of T-Cell Epitopes Derived From Potential Th1 Stimulatory Proteins of Leishmania (Leishmania) donovani. Frontiers in Immunology, 2019, 10, 288.	4.8	18
26	Virtual screening against Mycobacterium tuberculosis dihydrofolate reductase: Suggested workflow for compound prioritization using structure interaction fingerprints. Journal of Molecular Graphics and Modelling, 2008, 27, 476-488.	2.4	16
27	A Novel Benzocoumarin-Stilbene Hybrid as a DNA ligase I inhibitor with in vitro and in vivo anti-tumor activity in breast cancer models. Scientific Reports, 2017, 7, 10715.	3.3	13
28	Review of knowledge for rational design and identification of anti-tubercular compounds. Expert Opinion on Drug Discovery, 2009, 4, 1005-1015.	5.0	9
29	Recent Advances in QSAR-based Identification and Design of Anti-Tubercular Agents. Current Pharmaceutical Design, 2014, 20, 4418-4426.	1.9	9
30	Recombinant Leishmania Rab6 (rLdRab6) is recognized by sera from visceral leishmaniasis patients. Experimental Parasitology, 2016, 170, 135-147.	1.2	9
31	Identification of novel inhibitors of human Chk1 using pharmacophore-based virtual screening and their evaluation as potential anti-cancer agents. Journal of Computer-Aided Molecular Design, 2014, 28, 1247-1256.	2.9	8
32	Recent Progress in the Identification and Development of Anti-Malarial Agents Using Virtual Screening Based Approaches. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 257-268.	1.1	6
33	Integrating molecular docking, CoMFA analysis, and machine-learning classification with virtual screening toward identification of novel scaffolds as Plasmodium falciparum enoyl acyl carrier protein reductase inhibitor. Medicinal Chemistry Research, 2014, 23, 3308-3326.	2.4	5
34	3D-QSAR and molecular modeling studies on 2,3-dideoxy hexenopyranosid-4-uloses as anti-tubercular agents targeting alpha-mannosidase. Bioorganic Chemistry, 2015, 59, 91-96.	4.1	5
35	Identification of a novel human DNA ligase I inhibitor that promotes cellular apoptosis in DLD-1 cells: an in silico and in vitro mechanistic study. RSC Advances, 2016, 6, 94574-94587.	3.6	5
36	Integrated support vector machine and pharmacophore based virtual screening driven identification of thiophene carboxamide scaffold containing compound as potential PARP1 inhibitor. Journal of Biomolecular Structure and Dynamics, 2021, , 1-14.	3.5	5

#	Article	IF	Citations
37	Multiple Machine Learning Basedâ€Chemoinformatics Models for Identification of Histone Acetyl Transferase Inhibitors. Molecular Informatics, 2018, 37, e1700150.	2.5	3