Chandralata Bal

List of Publications by Year
in descending order

29 papers	287 citations	933447 10 h-index	940533 16 g-index
31 all docs	31 docs citations	31 times ranked	414 citing authors

#	Article	IF	Citations
1	Synthesis and anti-HBV activity of carbocyclic nucleoside hybrids with salient features of entecavir and aristeromycin. RSC Medicinal Chemistry, 2020, 11, 597-601.	3.9	1
2	First Insight on Small Molecules as Cardiac Calsequestrin Stabilizers. ACS Omega, 2019, 4, 11508-11514.	3.5	2
3	Discovery of 2-isoxazol-3-yl-acetamide analogues as heat shock protein 90 (HSP90) inhibitors with significant anti-HIV activity. European Journal of Medicinal Chemistry, 2019, 183, 111699.	5.5	11
4	Rhodium catalyzed stereospecific reductive carbocyclization of 1,6-enynes and synthesis of 4â€²-methyl-6â€²-substituted aristeromycins. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 391-399.	1.1	3
5	Plant and marine products: a promising hope in the search of therapeutics against dengue. , 2019, , 385-405.		3
6	Synthesis and Anti-HCV Activity of 4-Methoxy-7H-Pyrrolo[2,3-d] Pyrimidine Carbocyclic Nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2016, 35, 305-314.	1.1	2
7	Synthesis and anti-HBV activity of Î±-stereoisomer of aristeromycin based analogs. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3945-3949.	2.2	5
8	Regioselective Synthesis of Pyrazolo[3,4-D]Pyrimidine Based Carbocyclic Nucleosides as Possible Antiviral Agent. Nucleosides, Nucleotides and Nucleic Acids, 2016, 35, 43-52.	1.1	5
9	Synthesis of multi ring-fused imidazo [1,2-a]isoquinoline-based fluorescent scaffold as anti-Herpetic agent. Antiviral Chemistry and Chemotherapy, 2015, 24, 127-135.	0.6	1
10	Synthesis and anti-HCV determinant motif identification in pyranone carboxamide scaffold. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5224-5227.	2.2	6
11	Anti-HSV activity and mode of action study of Î±-pyrone carboxamides. RSC Advances, 2014, 4, 17354-17363.	3.6	8
12	Synthesis and Anti-HCV Activity of 4-Hydroxyamino Î±-Pyranone Carboxamide Analogues. ACS Medicinal Chemistry Letters, 2014, 5, 259-263.	2.8	22
13	Comprehensive screening of heterocyclic compound libraries to identify novel inhibitors for PfRIO-2 kinase through docking and substrate competition studies. Medicinal Chemistry Research, 2013, 22, 4737-4744.	2.4	3
14	A Conformational Mimetic Approach for the Synthesis of Carbocyclic Nucleosides as Antiâ€HCV Leads. ChemMedChem, 2013, 8, 1673-1680.	3.2	14
15	Skeletal Calsequestrin - Calcium Interaction: Role of Acidic C-Terminus. Biophysical Journal, 2013, 104, 173a.	0.5	1
16	Molecular and structural insight into plasmodium falciparum RIO2 kinase. Journal of Molecular Modeling, 2013, 19, 485-496.	1.8	3
17	Aromatic interaction profile to understand the molecular basis of raltegravir resistance. Structural Chemistry, 2013, 24, 1499-1512.	2.0	14
18	Identification of calcium binding sites on calsequestrin 1 and their implications for polymerization. Molecular BioSystems, 2013, 9, 1949.	2.9	26

#	Article	IF	Citations
19	Skeletal hybridization and PfRIO-2 kinase modeling for synthesis of Î±-pyrone analogs as anti-malarial agent. European Journal of Medicinal Chemistry, 2013, 70, 607-612.	5.5	8
20	Targeting Peroxisome Proliferator-Activated Receptor Gamma for Generation of Antidiabetic Drug. Current Diabetes Reviews, 2013, 9, 275-285.	1.3	21
21	Structure based molecular design, synthesis and biological evaluation of Î±-pyrone analogs as anti-HSV agent. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6261-6266.	2.2	17
22	Structure based medicinal chemistry approach to develop 4-methyl-7-deazaadenine carbocyclic nucleosides as anti-HCV agent. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7742-7747.	2.2	21
23	Probing cationic selectivity of cardiac calsequestrin and its CPVT mutants. Biochemical Journal, 2011, 435, 391-399.	3.7	26
24	Formation of ethyl Î²-xylopyranoside during simultaneous saccharification and co-fermentation of paper sludge. Enzyme and Microbial Technology, 2009, 44, 196-202.	3.2	10
25	Synthesis and Anti-Hepatitis B Virus and Anti-Hepatitis C Virus Activities of 7-Deazaneplanocin A Analogues in Vitro. Journal of Medicinal Chemistry, 2009, 52, 206-213.	6.4	30
26	Design and synthesis of pyrazolo[3,4-d]pyrimidine and triazolo[4,5-d]pyrimidine based dissymmetrical â€˜Leonard linkerâ€™ compounds: 1H NMR and crystallographic evidence for folded conformation due to arene interactions. Journal of Molecular Structure, 2007, 842, 100-108.	3.6	10
27	Unusual molecular conformation in dissymmetric propylene-linker compounds containing pyrazolo[3,4-d]pyrimidine and phthalimide moieties. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o409-o412.	0.4	7
28	4,6-Bis(methylsulfanyl)-1-(4-phenoxybutyl)-1H-pyrazolo[3,4-d]pyrimidine. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o494-o495.	0.4	1
29	1,3-Bis(8-chlorotheophyllin-7-yl)propane: a molecule with no intramolecular stacking. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o1163-o1165.	0.2	1