

Chandralata Bal

List of Publications by Year in descending order

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29
papers

287
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933447
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16
g-index

31
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31
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31
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Anti-Hepatitis B Virus and Anti-Hepatitis C Virus Activities of 7-Deazaneplanocin A Analogues in Vitro. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 206-213.	6.4	30
2	Probing cationic selectivity of cardiac calsequestrin and its CPVT mutants. <i>Biochemical Journal</i> , 2011, 435, 391-399.	3.7	26
3	Identification of calcium binding sites on calsequestrin 1 and their implications for polymerization. <i>Molecular BioSystems</i> , 2013, 9, 1949.	2.9	26
4	Synthesis and Anti-HCV Activity of 4-Hydroxyamino β -Pyranone Carboxamide Analogues. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 259-263.	2.8	22
5	Structure based medicinal chemistry approach to develop 4-methyl-7-deazaadenine carbocyclic nucleosides as anti-HCV agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7742-7747.	2.2	21
6	Targeting Peroxisome Proliferator-Activated Receptor Gamma for Generation of Antidiabetic Drug. <i>Current Diabetes Reviews</i> , 2013, 9, 275-285.	1.3	21
7	Structure based molecular design, synthesis and biological evaluation of β -pyrone analogs as anti-HSV agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6261-6266.	2.2	17
8	A Conformational Mimetic Approach for the Synthesis of Carbocyclic Nucleosides as Anti-HCV Leads. <i>ChemMedChem</i> , 2013, 8, 1673-1680.	3.2	14
9	Aromatic interaction profile to understand the molecular basis of raltegravir resistance. <i>Structural Chemistry</i> , 2013, 24, 1499-1512.	2.0	14
10	Discovery of 2-isoxazol-3-yl-acetamide analogues as heat shock protein 90 (HSP90) inhibitors with significant anti-HIV activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111699.	5.5	11
11	Design and synthesis of pyrazolo[3,4-d]pyrimidine and triazolo[4,5-d]pyrimidine based dissymmetrical "Leonard linker" compounds: 1H NMR and crystallographic evidence for folded conformation due to arene interactions. <i>Journal of Molecular Structure</i> , 2007, 842, 100-108.	3.6	10
12	Formation of ethyl β -xylopyranoside during simultaneous saccharification and co-fermentation of paper sludge. <i>Enzyme and Microbial Technology</i> , 2009, 44, 196-202.	3.2	10
13	Skeletal hybridization and PfPRIO-2 kinase modeling for synthesis of β -pyrone analogs as anti-malarial agent. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 607-612.	5.5	8
14	Anti-HSV activity and mode of action study of β -pyrone carboxamides. <i>RSC Advances</i> , 2014, 4, 17354-17363.	3.6	8
15	Unusual molecular conformation in dissymmetric propylene-linker compounds containing pyrazolo[3,4-d]pyrimidine and phthalimide moieties. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o409-o412.	0.4	7
16	Synthesis and anti-HCV determinant motif identification in pyranone carboxamide scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5224-5227.	2.2	6
17	Synthesis and anti-HBV activity of β -stereoisomer of aristeromycin based analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3945-3949.	2.2	5
18	Regioselective Synthesis of Pyrazolo[3,4-D]Pyrimidine Based Carbocyclic Nucleosides as Possible Antiviral Agent. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 43-52.	1.1	5

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19	Comprehensive screening of heterocyclic compound libraries to identify novel inhibitors for PfRIO-2 kinase through docking and substrate competition studies. <i>Medicinal Chemistry Research</i> , 2013, 22, 4737-4744.	2.4	3
20	Molecular and structural insight into plasmodium falciparum RIO2 kinase. <i>Journal of Molecular Modeling</i> , 2013, 19, 485-496.	1.8	3
21	Rhodium catalyzed stereospecific reductive carbocyclization of 1,6-enynes and synthesis of 4- ϵ -methyl-6- ϵ -substituted aristeromycins. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 391-399.	1.1	3
22	Plant and marine products: a promising hope in the search of therapeutics against dengue. , 2019, , 385-405.		3
23	Synthesis and Anti-HCV Activity of 4-Methoxy-7H-Pyrrolo[2,3-d] Pyrimidine Carbocyclic Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 305-314.	1.1	2
24	First Insight on Small Molecules as Cardiac Calsequestrin Stabilizers. <i>ACS Omega</i> , 2019, 4, 11508-11514.	3.5	2
25	1,3-Bis(8-chlorotheophyllin-7-yl)propane: a molecule with no intramolecular stacking. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o1163-o1165.	0.2	1
26	4,6-Bis(methylsulfanyl)-1-(4-phenoxybutyl)-1H-pyrazolo[3,4-d]pyrimidine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o494-o495.	0.4	1
27	Skeletal Calsequestrin - Calcium Interaction: Role of Acidic C-Terminus. <i>Biophysical Journal</i> , 2013, 104, 173a.	0.5	1
28	Synthesis of multi ring-fused imidazo [1,2-a]isoquinoline-based fluorescent scaffold as anti-Herpetic agent. <i>Antiviral Chemistry and Chemotherapy</i> , 2015, 24, 127-135.	0.6	1
29	Synthesis and anti-HBV activity of carbocyclic nucleoside hybrids with salient features of entecavir and aristeromycin. <i>RSC Medicinal Chemistry</i> , 2020, 11, 597-601.	3.9	1