

Chandralata Bal

List of Publications by Year in descending order

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29
papers

287
citations

932766

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940134

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31
all docs

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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. <i>RSC Medicinal Chemistry</i> , 2020, 11, 597-601. | 1.7 | 1 |
| 2 | First Insight on Small Molecules as Cardiac Calsequestrin Stabilizers. <i>ACS Omega</i> , 2019, 4, 11508-11514. | 1.6 | 2 |
| 3 | 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. | 2.6 | 11 |
| 4 | Rhodium catalyzed stereospecific reductive carbocyclization of 1,6-enynes and synthesis of 4 α -methyl-6 α -substituted aristeromycins. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 391-399. | 0.4 | 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. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 305-314. | 0.4 | 2 |
| 7 | Synthesis and anti-HBV activity of $\hat{\pm}$ -stereoisomer of aristeromycin based analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3945-3949. | 1.0 | 5 |
| 8 | 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. | 0.4 | 5 |
| 9 | 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. | 0.3 | 1 |
| 10 | Synthesis and anti-HCV determinant motif identification in pyranone carboxamide scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5224-5227. | 1.0 | 6 |
| 11 | Anti-HSV activity and mode of action study of $\hat{\pm}$ -pyrone carboxamides. <i>RSC Advances</i> , 2014, 4, 17354-17363. | 1.7 | 8 |
| 12 | Synthesis and Anti-HCV Activity of 4-Hydroxyamino $\hat{\pm}$ -Pyranone Carboxamide Analogues. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 259-263. | 1.3 | 22 |
| 13 | 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. | 1.1 | 3 |
| 14 | A Conformational Mimetic Approach for the Synthesis of Carbocyclic Nucleosides as Anti-HCV Leads. <i>ChemMedChem</i> , 2013, 8, 1673-1680. | 1.6 | 14 |
| 15 | Skeletal Calsequestrin - Calcium Interaction: Role of Acidic C-Terminus. <i>Biophysical Journal</i> , 2013, 104, 173a. | 0.2 | 1 |
| 16 | Molecular and structural insight into plasmodium falciparum RIO2 kinase. <i>Journal of Molecular Modeling</i> , 2013, 19, 485-496. | 0.8 | 3 |
| 17 | Aromatic interaction profile to understand the molecular basis of raltegravir resistance. <i>Structural Chemistry</i> , 2013, 24, 1499-1512. | 1.0 | 14 |
| 18 | Identification of calcium binding sites on calsequestrin 1 and their implications for polymerization. <i>Molecular BioSystems</i> , 2013, 9, 1949. | 2.9 | 26 |

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|----|--|-----|-----------|
| 19 | Skeletal hybridization and PfPR10-2 kinase modeling for synthesis of $\hat{I}\pm$ -pyrone analogs as anti-malarial agent. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 607-612. | 2.6 | 8 |
| 20 | Targeting Peroxisome Proliferator-Activated Receptor Gamma for Generation of Antidiabetic Drug. <i>Current Diabetes Reviews</i> , 2013, 9, 275-285. | 0.6 | 21 |
| 21 | Structure based molecular design, synthesis and biological evaluation of $\hat{I}\pm$ -pyrone analogs as anti-HSV agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6261-6266. | 1.0 | 17 |
| 22 | 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. | 1.0 | 21 |
| 23 | Probing cationic selectivity of cardiac calsequestrin and its CPVT mutants. <i>Biochemical Journal</i> , 2011, 435, 391-399. | 1.7 | 26 |
| 24 | Formation of ethyl \hat{I}^2 -xylopyranoside during simultaneous saccharification and co-fermentation of paper sludge. <i>Enzyme and Microbial Technology</i> , 2009, 44, 196-202. | 1.6 | 10 |
| 25 | 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. | 2.9 | 30 |
| 26 | Design and synthesis of pyrazolo[3,4-d]pyrimidine and triazolo[4,5-d]pyrimidine based dissymmetrical $\hat{a}\hat{e}$ Leonard linker $\hat{a}\hat{e}$ ™ compounds: ¹ H NMR and crystallographic evidence for folded conformation due to arene interactions. <i>Journal of Molecular Structure</i> , 2007, 842, 100-108. | 1.8 | 10 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |