Chandramohan Bathula

List of Publications by Year
in descending order

15	460	933447 10	996975 15
papers	citations	h-index	g-index

18	18	18	784
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Azaindoles: Noncovalent DprE1 Inhibitors from Scaffold Morphing Efforts, Kill Mycobacterium tuberculosis and Are Efficacious in Vivo. Journal of Medicinal Chemistry, 2013, 56, 9701-9708.	6.4	140
2	4-Aminoquinolone Piperidine Amides: Noncovalent Inhibitors of DprE1 with Long Residence Time and Potent Antimycobacterial Activity. Journal of Medicinal Chemistry, 2014, 57, 5419-5434.	6.4	97
3	Design, synthesis and evaluation of thiohydantoin derivatives as potent topoisomerase I (Top1) inhibitors with anticancer activity. European Journal of Medicinal Chemistry, 2015, 102, 540-551.	5.5	62
4	Diverse synthesis of natural product inspired fused and spiro-heterocyclic scaffolds via ring distortion and ring construction strategies. New Journal of Chemistry, 2015, 39, 9281-9292.	2.8	22
5	Design, synthesis and biological evaluation of small molecules as potent glucosidase inhibitors. European Journal of Medicinal Chemistry, 2015, 100, 188-196.	5.5	21
6	Synthesis of novel 5-arylidenethiazolidinones with apoptotic properties via a three component reaction using piperidine as a bifunctional reagent. Organic and Biomolecular Chemistry, 2016, 14, 8053-8063.	2.8	20
7	Natural Product Inspired Novel Indole based Chiral Scaffold Kills Human Malaria Parasites via Ionic Imbalance Mediated Cell Death. Scientific Reports, 2019, 9, 17785.	3.3	20
8	Identification of Leishmania donovani Topoisomerase 1 inhibitors via intuitive scaffold hopping and bioisosteric modification of known Top 1 inhibitors. Scientific Reports, 2016, 6, 26603.	3.3	19
9	Diversity-Oriented Asymmetric Synthesis. Synthesis, 2014, 46, 2099-2121.	2.3	17
10	Substituted furopyridinediones as novel inhibitors of Î±-glucosidase. RSC Advances, 2015, 5, 90374-90385.	3.6	13
11	Plasmodium Perforin-Like Protein Pores on the Host Cell Membrane Contribute in Its Multistage Growth and Erythrocyte Senescence. Frontiers in Cellular and Infection Microbiology, 2020, 10, 121.	3.9	12
12	Bioisosteric modification of known fucosidase inhibitors to discover a novel inhibitor of Î±-l-fucosidase. RSC Advances, 2017, 7, 3563-3572.	3.6	7
13	Diversity-oriented synthesis derived indole based spiro and fused small molecules kills artemisinin-resistant Plasmodium falciparum. Malaria Journal, 2021, 20, 100.	2.3	5
14	Synthesis of tetrahydro-1H-indolo[2,3-b]pyrrolo[3,2-c]quinolonesviaintramolecular oxidative ring rearrangement of tetrahydro-Î²-carbolines and their biological evaluation. New Journal of Chemistry, 2018, 42, 6538-6547.	2.8	3
15	Diversity oriented synthesis for novel anti-malarials. Systems and Synthetic Biology, 2015, 9, 49-53.	1.0	2