Santanu Hati

List of Publications by Year
in descending order

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17	389	840776 11	888059 17
papers	citations	h-index	g-index

21	21	21	660
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spiro[pyrrolidine-3, 3Â´-oxindole] as potent anti-breast cancer compounds: Their design, synthesis, biological evaluation and cellular target identification. Scientific Reports, 2016, 6, 32213.	3.3	66
2	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
3	Accessing Benzimidazoles via a Ring Distortion Strategy: An Oxone Mediated Tandem Reaction of 2-Aminobenzylamines. Organic Letters, 2016, 18, 3090-3093.	4.6	38
4	Oxidative dehydrogenation of Câ€“C and Câ€“N bonds: A convenient approach to access diverse (dihydro)heteroaromatic compounds. Beilstein Journal of Organic Chemistry, 2017, 13, 1670-1692.	2.2	35
5	Synthesis of Quinazolines and Dihydroquinazolines: o-Iodoxybenzoic Acid Mediated Tandem Reaction of o-Aminobenzylamine with Aldehydes. Synthesis, 2016, 48, 1389-1398.	2.3	32
6	N-Bromo-succinimide promoted synthesis of Î²-carbolines and 3,4-dihydro-Î²-carbolines from tetrahydro-Î²-carbolines. Tetrahedron Letters, 2016, 57, 1040-1043.	1.4	25
7	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
8	Design, synthesis and biological evaluation of small molecules as potent glucosidase inhibitors. European Journal of Medicinal Chemistry, 2015, 100, 188-196.	5.5	21
9	Diversity-Oriented Asymmetric Synthesis. Synthesis, 2014, 46, 2099-2121.	2.3	17
10	AZD5438-PROTAC: A selective CDK2 degrader that protects against cisplatin- and noise-induced hearing loss. European Journal of Medicinal Chemistry, 2021, 226, 113849.	5.5	17
11	Cerium Chloride Catalyzed, 2â€Iodoxybenzoic Acid Mediated Oxidative Dehydrogenation of Multiple Heterocycles at Room Temperature. European Journal of Organic Chemistry, 2017, 2017, 1277-1280.	2.4	15
12	Transcriptome analysis predicts mode of action of benzimidazole molecules against Staphylococcus aureus UAMSâ€1. Drug Development Research, 2019, 80, 490-503.	2.9	12
13	A novel spiroindoline targets cell cycle and migration via modulation of microtubule cytoskeleton. Molecular and Cellular Biochemistry, 2017, 429, 11-21.	3.1	11
14	Bioisosteric modification of known fucosidase inhibitors to discover a novel inhibitor of Î±-l-fucosidase. RSC Advances, 2017, 7, 3563-3572.	3.6	7
15	Characterization of quinoxaline derivatives for protection against iatrogenically induced hearing loss. JCI Insight, 2021, 6, .	5.0	6
16	In vivo structureâ€activity relationship of dihydromethysticin in reducing NNKâ€induced lung DNA damage against lung carcinogenesis. ChemMedChem, 2022, , .	3.2	2
17	Innovative techniques to discover novel antimalarials. Systems and Synthetic Biology, 2015, 9, 39-42.	1.0	1