Hiteshkumar Jalani

List of Publications by Year
in descending order

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37	438	623734	794594
papers	citations	14	19
		h-index	g-index

45	45	45	626
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel thiazoleâ€“thiophene conjugates as adenosine receptor antagonists: Synthesis, biological evaluation and docking studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1306-1309.	2.2	25
2	Synthesis of Substituted 1,2,3-Triazoles via Metal-Free Click Cycloaddition Reactions and Alternative Cyclization Methods. Synthesis, 2016, 49, 29-41.	2.3	25
3	A convenient synthesis of di- and trisubstituted 2-aminoimidazoles from 1-amidino-3-trityl-thioureas. Tetrahedron Letters, 2009, 50, 3955-3958.	1.4	23
4	Copper and cobalt co-catalyzed aerobic oxidative cross-dehydrogenative coupling reaction of (benzo)azoles. Green Chemistry, 2019, 21, 5797-5802.	9.0	23
5	Improvement of Aqueous Solubility of Lapatinib-Derived Analogues: Identification of a Quinolinimine Lead for Human African Trypanosomiasis Drug Development. Journal of Medicinal Chemistry, 2019, 62, 665-687.	6.4	23
6	An efficient synthesis of 2-aminopyrroles from enaminoneâ€“amidine adduct and phenacyl/benzyl/heteroalkyl-halides. Tetrahedron Letters, 2011, 52, 6331-6335.	1.4	21
7	A convenient one-pot synthesis of trisubstituted 1,3,5-triazines through intermediary amidinothioureas. Tetrahedron Letters, 2010, 51, 1486-1489.	1.4	19
8	Iridium-Catalyzed Aryl Câ€“H Sulfonamidation and Amide Formation Using a Bifunctional Nitrogen Source. Organic Letters, 2018, 20, 4828-4832.	4.6	19
9	Synergistic combination of visible-light photo-catalytic electron and energy transfer facilitating multicomponent synthesis of Î²-functionalized Î±,Î±-diarylethylamines. Chemical Communications, 2019, 55, 6405-6408.	4.1	19
10	Scaffold and Parasite Hopping: Discovery of New Protozoal Proliferation Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 249-257.	2.8	17
11	A concise, greener, solvent-free novel one-pot synthesis of trisubstituted thiophenes. Tetrahedron Letters, 2012, 53, 6927-6930.	1.4	16
12	Copperâ€Catalyzed Oneâ€pot Synthesis of Pyrimidines from Amides, N,Nâ€²â€dimethylformamide dimethylacetal, and Enamines. Advanced Synthesis and Catalysis, 2017, 359, 2509-2513.	4.3	16
13	An efficient one-pot synthesis of functionally diverse 2-aminothiazoles from isothiocyanates, amidines/guanidines and halomethylenes. Tetrahedron Letters, 2013, 54, 5403-5406.	1.4	15
14	Oxidative Cascade Reaction of N-Aryl-3-alkylideneazetidines and Carboxylic Acids: Access to Fused Pyridines. Organic Letters, 2018, 20, 3833-3837.	4.6	15
15	Rh-Catalyzed Chemoselective [4 + 1] Cycloaddition Reaction toward Diverse 4-Methyleneprolines. Journal of Organic Chemistry, 2019, 84, 10877-10891.	3.2	15
16	Iridium-Catalyzed Câ€“H Amination/Cyclization for Medium to Large N-Heterocycle-Fused Dihydroquinazolinones. Organic Letters, 2019, 21, 3706-3710.	4.6	15
17	A versatile one-pot multicomponent synthesis of novel quinazolinon-2-yl-tetrasubstituted thiophenes. Tetrahedron Letters, 2010, 51, 5686-5689.	1.4	14
18	An efficient, greener, and solvent-free one-pot multicomponent synthesis of 3-substituted quinazolin-4(3H)ones and thienopyrimidin-4(3H)ones. Tetrahedron Letters, 2012, 53, 4062-4064.	1.4	13

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19	Discovery of enantioselectivity of urea inhibitors of soluble epoxide hydrolase. European Journal of Medicinal Chemistry, 2016, 117, 113-124.	5.5	12
20	Design and synthesis of sulfonamidophenylethylureas as novel cardiac myosin activator. European Journal of Medicinal Chemistry, 2018, 143, 1869-1887.	5.5	10
21	Iridium-Catalyzed Câ€“H Amination of Weinreb Amides: A Facile Pathway toward Anilines and Quinazolin-2,4-diones. Journal of Organic Chemistry, 2020, 85, 13096-13107.	3.2	10
22	Stereospecific Electrophilic Fluorocyclization of Î±,Î²-Unsaturated Amides with Selectfluor. Organic Letters, 2020, 22, 2651-2656.	4.6	10
23	Exploration of flexible phenylpropylurea scaffold as novel cardiac myosin activators for the treatment of systolic heart failure. European Journal of Medicinal Chemistry, 2017, 134, 379-391.	5.5	9
24	A Diversified Assembly of 1,2,4-Oxadiazol-3-amines: Metallic Thiophile Catalyzed Chemoselective One-Pot Reaction of Aryl Isothiocyanates, Amidines/Guanidines, and Hydroxylamine. Synthesis, 2012, 44, 3378-3386.	2.3	7
25	Discovery of a novel series of N -hydroxypyridone derivatives protecting astrocytes against hydrogen peroxide-induced toxicity via improved mitochondrial functionality. Bioorganic and Medicinal Chemistry, 2017, 25, 1394-1405.	3.0	7
26	Iodineâ€Promoted Oneâ€pot Synthesis of Highly Substituted 4â€Aminopyrroles and Bisâ€4â€aminopyrrole from Aryl Methyl Ketones, Arylamines, and Enamines. Advanced Synthesis and Catalysis, 2018, 360, 4073-4079.	4.3	7
27	Stability-indicating assay method for determination of actarit, its process related impurities and degradation products: Insight into stability profile and degradation pathways â˜†. Journal of Pharmaceutical Analysis, 2014, 4, 374-383.	5.3	6
28	<scp>pâ€‹Toluenesulfonic</scp> acid catalyzed, <scp>isocyanideâ€free</scp>, <scp>Groebkeâ€“Blackburnâ€“Bienayme</scp> (<scp>GBB</scp>) type multicomponent synthesis of <scp>3â€anilino</scp>â€imdazo[1,2â€a]pyridines. Journal of Heterocyclic Chemistry, 2022, 59, 1266-1271.	2.6	6
29	Exploration and Optimization of an Efficient Oneâ€pot Sequential Synthesis of Di/triâ€substituted Thiazoles from Î±â€Bromoketones, Thioacids Salt, and Ammonium Acetate. Journal of Heterocyclic Chemistry, 2016, 53, 1449-1456.	2.6	5
30	Discovery of 2-aminoimidazole and 2-amino imidazolyl-thiazoles as non-xanthine human adenosine A3receptor antagonists: SAR and molecular modeling studies. MedChemComm, 2018, 9, 676-684.	3.4	4
31	Sequential Oneâ€Pot Synthesis of Imidazoles and <scp>2H</scp>â€Imidazolones from Î²â€Ketoamines, Acylating Agents and Ammonium Acetate. Bulletin of the Korean Chemical Society, 2016, 37, 1966-1970.	1.9	3
32	Synthesis of Selenopyrano[2,3-c]pyrazol-4(1H)-ones and Their Câ€“H Activation. Synlett, 2021, 32, 321-325.	1.8	3
33	Exploration of diphenylalkyloxadiazoles as novel cardiac myosin activator. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2369-2374.	2.2	2
34	Structureâ€“Bioactivity Relationships of Lapatinib Derived Analogs against Schistosoma mansoni. ACS Medicinal Chemistry Letters, 2020, 11, 258-265.	2.8	2
35	Catalystâ€Free Oneâ€Pot Multiâ€Component Synthesis of 2â€Substituted Quinazolinâ€4â€carboxamides from 2â€Aminophenylâ€2â€oxoacetamides, Aldehydes, and Ammonium Acetate. ChemistrySelect, 2021, 6, 5446-5450.	1.5	2
36	Design and synthesis of sulfonamidophenylethylamides as novel cardiac myosin activator. Bioorganic and Medicinal Chemistry, 2019, 27, 4110-4123.	3.0	0

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37	Synthesis of selenopyrano[2,3â€b]indolâ€4(<scp>9H</scp>)â€ones and their <scp>C</scp> ï£¿ <scp>H</scp> arylation. Journal of Heterocyclic Chemistry, 0, , .	2.6	0