

Gui-Xin Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/747874/publications.pdf>

Version: 2024-02-01

25
papers

1,129
citations

471061

17
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

1081
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments in Azole Compounds as Antibacterial and Antifungal Agents. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 1963-2010.	1.0	209
2	Design, synthesis and antimicrobial evaluation of novel benzimidazole type of Fluconazole analogues and their synergistic effects with Chloromycin, Norfloxacin and Fluconazole. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 329-344.	2.6	103
3	LiCl-Promoted Pd(ii)-catalyzed ortho carbonylation of N,N-dimethylbenzylamines. <i>Dalton Transactions</i> , 2010, 39, 10442.	1.6	95
4	Discovery of membrane active benzimidazole quinolones-based topoisomerase inhibitors as potential DNA-binding antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 160-182.	2.6	86
5	A new exploration towards aminothiazolquinolone oximes as potentially multi-targeting antibacterial agents: Design, synthesis and evaluation acting on microbes, DNA, HSA and topoisomerase IV. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 166-181.	2.6	69
6	Current Developments in the Syntheses of 1,2,4-Triazole Compounds. <i>Current Organic Chemistry</i> , 2014, 18, 359-406.	0.9	59
7	Discovery of natural berberine-derived nitroimidazoles as potentially multi-targeting agents against drug-resistant <i>Escherichia coli</i> . <i>Science China Chemistry</i> , 2018, 61, 557-568.	4.2	58
8	Novel purine benzimidazoles as antimicrobial agents by regulating ROS generation and targeting clinically resistant <i>Staphylococcus aureus</i> DNA groove. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1621-1628.	1.0	50
9	Novel benzimidazole derived naphthalimide triazoles: synthesis, antimicrobial activity and interactions with calf thymus DNA. <i>Science China Chemistry</i> , 2015, 58, 483-494.	4.2	49
10	Natural Berberine-derived Azolyl Ethanol as New Structural Antibacterial Agents against Drug-Resistant <i>Escherichia coli</i> . <i>Journal of Medicinal Chemistry</i> , 2022, 65, 436-459.	2.9	49
11	Synthesis and bioactive evaluation of a novel series of coumarinazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3605-3608.	1.0	48
12	Synthesis and biological evaluation of Schiff base-linked imidazolyl naphthalimides as novel potential anti-MRSA agents. <i>MedChemComm</i> , 2016, 7, 924-931.	3.5	45
13	Discovery of Benzimidazole-Quinolone Hybrids as New Cleaving Agents toward Drug-Resistant <i>Pseudomonas aeruginosa</i> DNA. <i>ChemMedChem</i> , 2018, 13, 1004-1017.	1.6	45
14	An unanticipated discovery towards novel naphthalimide corbelled aminothiazoximes as potential anti-MRSA agents and allosteric modulators for PBP2a. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114050.	2.6	34
15	Copper-Catalyzed Inter/Intramolecular <i>N</i> -Alkenylation of Benzimidazoles via Tandem Processes Involving Selectively Mild Iodination of sp^3 -C-H Bond at β -Position of Ester. <i>Journal of Organic Chemistry</i> , 2016, 81, 8806-8815.	1.7	23
16	Researches and applications of nitroimidazole heterocycles in medicinal chemistry. <i>Scientia Sinica Chimica</i> , 2019, 49, 230-255.	0.2	19
17	A green and convenient approach toward benzimidazole derivatives and their antimicrobial activity. <i>Chinese Chemical Letters</i> , 2016, 27, 391-394.	4.8	18
18	Sequential Michael addition/retro-Claisen condensation of aromatic β -diketones with α,β -unsaturated esters: an approach to obtain 1,5-ketoesters. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2390-2394.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Pd-Catalyzed Remote Site-Selective and Stereoselective C(Alkenyl)â€“H Alkenylation of Unactivated Cycloalkenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 774-787.	1.7	15
20	A unique one-pot reaction via CC cleavage from aminomethylene benzimidazoles to access benzimidazolones with wide potentiality. <i>Tetrahedron Letters</i> , 2014, 55, 4105-4109.	0.7	14
21	Regioâ€“and Stereoselective Synthesis of Enynylâ€“Aryl Ethers Enabled by Copper/Iodide Tandem Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4461-4467.	2.1	8
22	Palladium-catalyzed aerobic regio- and stereo-selective olefination reactions of phenols and acrylates<i>via</i>direct dehydrogenative C(sp²)&â€“O cross-coupling. <i>Chemical Communications</i> , 2018, 54, 4437-4440.	2.2	6
23	Aerobic Copperâ€“Catalyzed Salicylaldehydic C formyl â€“H Arylations with Arylboronic Acids. <i>Chemistry - A European Journal</i> , 2021, 27, 3278-3283.	1.7	5
24	Ligandâ€“Controlled, Tunable Copperâ€“Catalyzed Radical Divergent Trifluoromethylation of Unactivated Cycloalkenes. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	4
25	Construction of benzimidazole-fused dihydrobenzoxazoles via Cu-catalyzed tandem C–H functionalization. <i>Scientia Sinica Chimica</i> , 2017, 47, 1198-1207.	0.2	2