Da-zhi Zhang

List of Publications by Year
in descending order

40 papers	774 citations	471509 17 h-index	552781 26 g-index
41 all docs	41 docs citations	41 times ranked	1010 citing authors

#	Article	IF	Citations
1	Fluconazole Assists Berberine To Kill Fluconazole-Resistant Candida albicans. Antimicrobial Agents and Chemotherapy, 2013, 57, 6016-6027.	3.2	67
2	Molecular docking, design, synthesis and antifungal activity study of novel triazole derivatives. European Journal of Medicinal Chemistry, 2018, 143, 1840-1846.	5.5	55
3	A near-infrared fluorescent probe based on phosphorus-substituted rhodamine for deep imaging of endogenous hypochlorous acid in vivo. Sensors and Actuators B: Chemical, 2020, 307, 127652.	7.8	40
4	Design, synthesis, and in vitro evaluation of novel antifungal triazoles. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2171-2173.	2.2	38
5	Synthesis, in vitro evaluation and molecular docking studies of new triazole derivatives as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4471-4475.	2.2	35
6	Synthesis and SAR studies of biaryloxy-substituted triazoles as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3261-3265.	2.2	34
7	Design, synthesis and molecular docking studies of novel triazole as antifungal agent. European Journal of Medicinal Chemistry, 2011, 46, 3167-3176.	5.5	32
8	Design, synthesis, and in vitro evaluation of novel triazole analogues featuring isoxazole moieties as antifungal agents. Bioorganic Chemistry, 2020, 101, 103982.	4.1	29
9	Design, synthesis, and structure-activity relationship studies of novel triazole agents with strong antifungal activity against Aspergillus fumigatus. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126951.	2.2	27
10	Bridgeâ€Caging Strategy in Phosphorusâ€Substituted Rhodamine for Modular Development of Nearâ€Infrared Fluorescent Probes. Chemistry - A European Journal, 2018, 24, 14506-14512.	3.3	26
11	Triazole derivatives with improved in vitro antifungal activity over azole drugs. Drug Design, Development and Therapy, 2014, 8, 383.	4.3	25
12	Design, synthesis, and evaluation of caffeic acid amides as synergists to sensitize fluconazole-resistant Candida albicans to fluconazole. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 34-37.	2.2	25
13	Synthesis, in vitro inhibitory activity towards COX-2 and haemolytic activity of derivatives of Esculentoside A. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6430-6433.	2.2	24
14	Synthesis and synergistic antifungal effects of monoketone derivatives of curcumin against fluconazole-resistant Candida spp.. MedChemComm, 2017, 8, 1093-1102.	3.4	24
15	Design, synthesis, and in vitro antifungal evaluation of novel triazole derivatives bearing alkynyl side chains. Journal of Saudi Chemical Society, 2019, 23, 576-585.	5.2	20
16	Structural Optimization of Berberine as a Synergist to Restore Antifungal Activity of Fluconazole against Drugâ€Resistant Candida albicans. ChemMedChem, 2014, 9, 207-216.	3.2	19
17	A New Antifungal Agent (4-phenyl-1, 3-thiazol-2-yl) Hydrazine Induces Oxidative Damage in Candida albicans. Frontiers in Cellular and Infection Microbiology, 2020, 10, 578956.	3.9	18
18	Highly facile approach to the formal total synthesis of camptothecin. Tetrahedron Letters, 2013, 54, 4515-4517.	1.4	17

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19	Chemogenomic Profiling of the Fungal Pathogen Candida albicans. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	16
20	Hydrogen-bonding-induced bathochromic effect of Si-coumarin and its use in monitoring adipogenic differentiation. Chemical Communications, 2019, 55, 11802-11805.	4.1	15
21	New Triazole NT-a9 Has Potent Antifungal Efficacy against Cryptococcus neoformans In Vitro and In Vivo. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	15
22	Enantioselective Palladiumâ€Catalyzed Allylic Substitution of Sodium Benzotriazolide. European Journal of Organic Chemistry, 2011, 2011, 6288-6293.	2.4	14
23	Synthesis of Novel Derivatives of Esculentoside A and Its Aglycone Phytolaccagenin, and Evaluation of Their Haemolytic Activity and Inhibition of Lipopolysaccharideâ€Induced Nitric Oxide Production. Chemistry and Biodiversity, 2011, 8, 1833-1852.	2.1	13
24	Synthesis and cdc25B inhibitory activity evaluation of chalcones. Chemistry of Natural Compounds, 2013, 49, 206-214.	0.8	13
25	Synergistic antifungal effects of curcumin derivatives as fungal biofilm inhibitors with fluconazole. Chemical Biology and Drug Design, 2021, 97, 1079-1088.	3.2	13
26	A fluorescence resonance energy transfer based pH probe for visualizing acidification in fungal cells. Sensors and Actuators B: Chemical, 2018, 274, 533-540.	7.8	12
27	Far-red imaging of Î²-galactosidase through a phospha-fluorescein. Chemical Communications, 2020, 56, 13579-13582.	4.1	11
28	Synthesis and antifungal activity of novel 7-O-substituted pyridyl-4-methyl coumarin derivatives. Medicinal Chemistry Research, 2013, 22, 4654-4662.	2.4	10
29	Targeting of MMP2 activity in malignant tumors with a 68 Ga-labeled gelatinase inhibitor cyclic peptide. Nuclear Medicine and Biology, 2015, 42, 939-944.	0.6	10
30	Synthesis and Biological Evaluation of Novel 2â€Aminonicotinamide Derivatives as Antifungal Agents. ChemMedChem, 2017, 12, 319-326.	3.2	10
31	11g, a Potent Antifungal Candidate, Enhances Candida albicans Immunogenicity by Unmasking Î²-Glucan in Fungal Cell Wall. Frontiers in Microbiology, 2020, 11, 1324.	3.5	10
32	Development of a Novel PET Tracer [18F]AlF-NOTA-C6 Targeting MMP2 for Tumor Imaging. PLoS ONE, 2015, 10, e0141668.	2.5	9
33	Significant histological changes and satisfying antiviral efficacy in chronic hepatitis B virus infection patients with normal alanine aminotransferase. Antiviral therapy decision in chronic HBV patients with normal ALT. Clinics and Research in Hepatology and Gastroenterology, 2021, 45, 101463.	1.5	9
34	STED Imaging the Dynamics of Lysosomes by Dually Fluorogenic Siâ€Rhodamine. Chemistry - A European Journal, 2021, 27, 9620-9626.	3.3	7
35	A novel polyamide SL-A92 as a potential fungal resistance blocker: synthesis and bioactivities in Candida albicans. Acta Pharmacologica Sinica, 2010, 31, 855-860.	6.1	6
36	Design, synthesis, and SAR study of 3-(benzo[d][1,3]dioxol-5-yl)- N -benzylpropanamide as novel potent synergists against fluconazole-resistant Candida albicans. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4571-4575.	2.2	6

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37	Acridinium Benzoates for Ratiometric Fluorescence Imaging. Chemistry - A European Journal, 2020, 26, 3247-3251.	3.3	5
38	Synthesis and Cytotoxicity Assessment of Novel 7-O- and 14-O-Derivatives of Glaucocalyxin A. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1241-1249.	1.7	4
39	Design, Synthesis, and In Vitro and In Vivo Antifungal Activity of Novel Triazoles Containing Phenylethynyl Pyrazole Side Chains. Molecules, 2022, 27, 3370.	3.8	4
40	Synthesis and In Vitro Anti-HCV and Antitumor Evaluation of Schisan-dronic acid derivatives. Medicinal Chemistry, 2020, 16, 974-982.	1.5	2