

# Yong-Bing Cao

## List of Publications by Year in descending order

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36  
papers

811  
citations

471371

17  
h-index

526166

27  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aneuploidy Enables Cross-Adaptation to Unrelated Drugs. <i>Molecular Biology and Evolution</i> , 2019, 36, 1768-1782.	3.5	75
2	Allicin enhances the oxidative damage effect of amphotericin B against <i>Candida albicans</i> . <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 258-263.	1.1	66
3	Tolerance to Caspofungin in <i>Candida albicans</i> Is Associated with at Least Three Distinctive Mechanisms That Govern Expression of <i>FKS</i> Genes and Cell Wall Remodeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	64
4	In Vitro and in Vivo Antifungal Activities of the Eight Steroid Saponins from <i>Tribulus terrestris</i> L. with Potent Activity against Fluconazole-Resistant Fungal. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 2211-2215.	0.6	58
5	Innate immune cell response upon <i>Candida albicans</i> infection. <i>Virulence</i> , 2016, 7, 512-526.	1.8	55
6	Synthesis, in vitro evaluation and molecular docking studies of new triazole derivatives as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4471-4475.	1.0	35
7	New azoles with antifungal activity: Design, synthesis, and molecular docking. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 686-689.	1.0	32
8	Development of a Series of Fluorescent Probes for the Early Diagnostic Imaging of Sulfur Mustard Poisoning. <i>ACS Sensors</i> , 2019, 4, 2794-2801.	4.0	31
9	Swiprosin-1 Promotes Mitochondria-Dependent Apoptosis of Glomerular Podocytes via P38 MAPK Pathway in Early-Stage Diabetic Nephropathy. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 899-916.	1.1	30
10	Design, synthesis, and structure-activity relationship studies of novel thienopyrrolidone derivatives with strong antifungal activity against <i>Aspergillus fumigates</i> . <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 471-476.	2.6	29
11	Identifying conformational changes of aptamer binding to theophylline: A combined biolayer interferometry, surface-enhanced Raman spectroscopy, and molecular dynamics study. <i>Talanta</i> , 2020, 217, 121073.	2.9	29
12	DNA microarray analysis of fluconazole resistance in a laboratory <i>Candida albicans</i> strain. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 1048-1060.	0.9	28
13	Triazole derivatives with improved in vitro antifungal activity over azole drugs. <i>Drug Design, Development and Therapy</i> , 2014, 8, 383.	2.0	25
14	Antifungal activity of <i>Rubus chingii</i> extract combined with fluconazole against fluconazole-resistant <i>Candida albicans</i> . <i>Microbiology and Immunology</i> , 2016, 60, 82-92.	0.7	25
15	Design, synthesis, and anticancer activity of novel berberine derivatives prepared via CuAAC "click" chemistry as potential anticancer agents. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1047.	2.0	23
16	The structure and retrotransposition mechanism of LTR-retrotransposons in the asexual yeast <i>Candida albicans</i> . <i>Virulence</i> , 2014, 5, 655-664.	1.8	22
17	Swiprosin-1 deficiency impairs macrophage immune response of septic mice. <i>JCI Insight</i> , 2018, 3, .	2.3	22
18	Molecular docking, design, synthesis and antifungal activity study of novel triazole derivatives containing the 1,2,3-triazole group. <i>RSC Advances</i> , 2013, 3, 13486.	1.7	17

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19	Molecular genetic techniques for gene manipulation in <i>Candida albicans</i> . <i>Virulence</i> , 2014, 5, 507-520.	1.8	16
20	A fast response TLC-SERS substrate for on-site detection of hydrophilic and hydrophobic adulterants in botanical dietary supplements. <i>New Journal of Chemistry</i> , 2019, 43, 13873-13880.	1.4	13
21	Modulating effects of RAMPs on signaling profiles of the glucagon receptor family. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 637-650.	5.7	13
22	Synergistic effect between silver nanoparticles and antifungal agents on <i>Candida albicans</i> revealed by dynamic surface-enhanced Raman spectroscopy. <i>Nanotoxicology</i> , 2018, 12, 1230-1240.	1.6	12
23	Effects of Changtai granules, a traditional compound Chinese medicine, on chronic trinitrobenzene sulfonic acid-induced colitis in rats. <i>World Journal of Gastroenterology</i> , 2005, 11, 3539.	1.4	11
24	The putative ABC transporter encoded by the orf19.4531 plays a role in the sensitivity of <i>Candida albicans</i> cells to azole antifungal drugs. <i>FEMS Yeast Research</i> , 2016, 16, fow024.	1.1	11
25	Synthesis and antifungal activity of novel 7-O-substituted pyridyl-4-methyl coumarin derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 4654-4662.	1.1	10
26	Antifungal activity of osthol <i>in vitro</i> and enhancement <i>in vivo</i> through Eudragit S100 nanocarriers. <i>Virulence</i> , 2018, 9, 555-562.	1.8	9
27	A Network Pharmacology to Explore the Mechanism of Calculus Bovis in the Treatment of Ischemic Stroke. <i>BioMed Research International</i> , 2021, 2021, 1-20.	0.9	9
28	Design, synthesis, and biological evaluation of novel 1, 2, 4-triazole derivatives as antifungal agent. <i>Archives of Pharmacal Research</i> , 2012, 35, 1895-1901.	2.7	7
29	Antifungal Activity of the Ethanol Extract from <i>Flos Rosae Chinensis</i> with Activity against Fluconazole-Resistant Clinical <i>Candida</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	0.5	7
30	Effects of oestrogen on vulvovaginal candidosis. <i>Mycoses</i> , 2022, 65, 4-12.	1.8	7
31	Structural features and mechanism of translocation of non-LTR retrotransposons in <i>Candida albicans</i> . <i>Virulence</i> , 2014, 5, 245-252.	1.8	6
32	Eliminating Non-linear Raman Shift Displacement Between Spectrometers via Moving Window Fast Fourier Transform Cross-Correlation. <i>Frontiers in Chemistry</i> , 2018, 6, 515.	1.8	5
33	W2476 represses TXNIP transcription via dephosphorylation of FOXO1 at Ser319. <i>Chemical Biology and Drug Design</i> , 2021, 97, 1089-1099.	1.5	5
34	TOP2 gene disruption reduces drug susceptibility by increasing intracellular ergosterol biosynthesis in <i>Candida albicans</i> . <i>Journal of Medical Microbiology</i> , 2010, 59, 797-803.	0.7	3
35	Swiprosin-1 deficiency in macrophages alleviated atherogenesis. <i>Cell Death Discovery</i> , 2021, 7, 344.	2.0	1
36	Optimization of Surface-Enhanced Raman Spectroscopy Detection Conditions for Interaction between Gonyautoxin and Its Aptamer. <i>Toxins</i> , 2022, 14, 49.	1.5	0