

Claire L Price

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

612
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Azole fungicides—Understanding resistance mechanisms in agricultural fungal pathogens. <i>Pest Management Science</i> , 2015, 71, 1054-1058.	3.4	214
2	Resistance to antifungals that target CYP51. <i>Journal of Chemical Biology</i> , 2014, 7, 143-161.	2.2	146
3	The Investigational Drug VT-1129 Is a Highly Potent Inhibitor of <i>Cryptococcus</i> Species CYP51 but Only Weakly Inhibits the Human Enzyme. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4530-4538.	3.2	57
4	On the occurrence of cytochrome P450 in viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12343-12352.	7.1	45
5	In Vitro Biochemical Study of CYP51-Mediated Azole Resistance in <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7771-7778.	3.2	32
6	The Evolution of Azole Resistance in <i>Candida albicans</i> Sterol 14 α -Demethylase (CYP51) through Incremental Amino Acid Substitutions. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	32
7	The Tetrazole VT-1161 Is a Potent Inhibitor of <i>Trichophyton rubrum</i> through Its Inhibition of <i>T. rubrum</i> CYP51. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	20
8	Azole Antifungal Sensitivity of Sterol 14 α -Demethylase (CYP51) and CYP5218 from <i>Malassezia globosa</i> . <i>Scientific Reports</i> , 2016, 6, 27690.	3.3	14
9	Co-production of 11 α -hydroxyprogesterone and ethanol using recombinant yeast expressing fungal steroid hydroxylases. <i>Biotechnology for Biofuels</i> , 2017, 10, 226.	6.2	14
10	Functional importance for developmental regulation of sterol biosynthesis in <i>Acanthamoeba castellanii</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1164-1178.	2.4	14
11	Novel Substrate Specificity and Temperature-Sensitive Activity of <i>Mycosphaerella graminicola</i> CYP51 Supported by the Native NADPH Cytochrome P450 Reductase. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3379-3386.	3.1	13
12	Isavuconazole and voriconazole inhibition of sterol 14 α -demethylases (CYP51) from <i>Aspergillus fumigatus</i> and <i>Homo sapiens</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 449-455.	2.5	9
13	Cytochrome P450 168A1 from <i>Pseudomonas aeruginosa</i> is involved in the hydroxylation of biologically relevant fatty acids. <i>PLoS ONE</i> , 2022, 17, e0265227.	2.5	2
14	The emergence of life: from chemical origins to synthetic biology by Pier Luigi Luisi. <i>Biochemist</i> , 2020, 42, 67-67.	0.5	0