Andrew Warrilow

List of Publications by Year
in descending order

31 papers	1,715 citations	331670 21 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	2151 citing authors

#	Article	IF	Citations
1	Co-production of 11Î±-hydroxyprogesterone and ethanol using recombinant yeast expressing fungal steroid hydroxylases. Biotechnology for Biofuels, 2017, 10, 226.	6.2	14
2	Azole Antifungal Sensitivity of Sterol 14Î±-Demethylase (CYP51) and CYP5218 from Malassezia globosa. Scientific Reports, 2016, 6, 27690.	3.3	14
3	Azole Antifungal Agents To Treat the Human Pathogens Acanthamoeba castellanii and Acanthamoeba polyphaga through Inhibition of Sterol 14Î±-Demethylase (CYP51). Antimicrobial Agents and Chemotherapy, 2015, 59, 4707-4713.	3.2	33
4	Novel Substrate Specificity and Temperature-Sensitive Activity of Mycosphaerella graminicola CYP51 Supported by the Native NADPH Cytochrome P450 Reductase. Applied and Environmental Microbiology, 2015, 81, 3379-3386.	3.1	13
5	The Clinical Candidate VT-1161 Is a Highly Potent Inhibitor of Candida albicans CYP51 but Fails To Bind the Human Enzyme. Antimicrobial Agents and Chemotherapy, 2014, 58, 7121-7127.	3.2	125
6	Clotrimazole as a Potent Agent for Treating the Oomycete Fish Pathogen Saprolegnia parasitica through Inhibition of Sterol 14Î±-Demethylase (CYP51). Applied and Environmental Microbiology, 2014, 80, 6154-6166.	3.1	41
7	Azole Affinity of Sterol 14Î±-Demethylase (CYP51) Enzymes from Candida albicans and Homo sapiens. Antimicrobial Agents and Chemotherapy, 2013, 57, 1352-1360.	3.2	120
8	Prothioconazole and Prothioconazole-Desthio Activities against Candida albicans Sterol 14-Î±-Demethylase. Applied and Environmental Microbiology, 2013, 79, 1639-1645.	3.1	73
9	Antifungal activity of azole compounds CPA18 and CPA109 against azole-susceptible and -resistant strains of Candida albicans. Journal of Antimicrobial Chemotherapy, 2013, 68, 1111-1119.	3.0	17
10	Discovery of a Novel Dual Fungal CYP51/Human 5-Lipoxygenase Inhibitor: Implications for Anti-Fungal Therapy. PLoS ONE, 2013, 8, e65928.	2.5	17
11	Facultative Sterol Uptake in an Ergosterol-Deficient Clinical Isolate of Candida glabrata Harboring a Missense Mutation in <i>ERG11</i> and Exhibiting Cross-Resistance to Azoles and Amphotericin B. Antimicrobial Agents and Chemotherapy, 2012, 56, 4223-4232.	3.2	90
12	Two Clinical Isolates of Candida glabrata Exhibiting Reduced Sensitivity to Amphotericin B Both Harbor Mutations in <i>ERG2</i>. Antimicrobial Agents and Chemotherapy, 2012, 56, 6417-6421.	3.2	62
13	S279 Point Mutations in Candida albicans Sterol 14-Î± Demethylase (CYP51) Reduce <i>In Vitro</i> Inhibition by Fluconazole. Antimicrobial Agents and Chemotherapy, 2012, 56, 2099-2107.	3.2	25
14	An Enlarged, Adaptable Active Site in CYP164 Family P450 Enzymes, the Sole P450 in Mycobacterium leprae. Antimicrobial Agents and Chemotherapy, 2012, 56, 391-402.	3.2	6
15	Mechanism of Binding of Prothioconazole to <i>Mycosphaerella graminicola</i> CYP51 Differs from That of Other Azole Antifungals. Applied and Environmental Microbiology, 2011, 77, 1460-1465.	3.1	62
16	Expression, Purification, and Characterization of Aspergillus fumigatus Sterol 14-Î± Demethylase (CYP51) Isoenzymes A and B. Antimicrobial Agents and Chemotherapy, 2010, 54, 4225-4234.	3.2	73
17	Complementation of a <i>Saccharomyces cerevisiae</i> ERG11/CYP51 (Sterol 14Î±-Demethylase) Doxycycline-Regulated Mutant and Screening of the Azole Sensitivity of <i>Aspergillus fumigatus</i> Isoenzymes CYP51A and CYP51B. Antimicrobial Agents and Chemotherapy, 2010, 54, 4920-4923.	3.2	43
18	A Clinical Isolate of <i>Candida albicans</i> with Mutations in <i>ERG11</i> (Encoding Sterol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Amphotericin B. Antimicrobial Agents and Chemotherapy, 2010, 54, 3578-3583.	3.2	152

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19	<i>Streptomyces coelicolor</i> A3(2) CYP102 Protein, a Novel Fatty Acid Hydroxylase Encoded as a Heme Domain without an N-Terminal Redox Partner. Applied and Environmental Microbiology, 2010, 76, 1975-1980.	3.1	26
20	Azole Binding Properties of <i>Candida albicans</i> Sterol 14-Î± Demethylase (CaCYP51). Antimicrobial Agents and Chemotherapy, 2010, 54, 4235-4245.	3.2	97
21	Identification and Characterization of Four Azole-Resistant <i>erg3</i> Mutants of <i>Candida albicans</i>. Antimicrobial Agents and Chemotherapy, 2010, 54, 4527-4533.	3.2	150
22	Identification, Characterization, and Azole-Binding Properties of Mycobacterium smegmatis CYP164A2, a Homolog of ML2088, the Sole Cytochrome P450 Gene of Mycobacterium leprae. Antimicrobial Agents and Chemotherapy, 2009, 53, 1157-1164.	3.2	20
23	The First Virally Encoded Cytochrome P450. Journal of Virology, 2009, 83, 8266-8269.	3.4	128
24	Expression and Characterization of CYP51, the Ancient Sterol 14-demethylase Activity for Cytochromes P450 (CYP), in the White-Rot Fungus Phanerochaete chrysosporium. Lipids, 2008, 43, 1143-1153.	1.7	12
25	CYP56 (Dit2p) in <i>Candida albicans</i> : Characterization and Investigation of Its Role in Growth and Antifungal Drug Susceptibility. Antimicrobial Agents and Chemotherapy, 2008, 52, 3718-3724.	3.2	32
26	Lanosterol Biosynthesis in the Prokaryote Methylococcus Capsulatus: Insight into the Evolution of Sterol Biosynthesis. Molecular Biology and Evolution, 2007, 24, 1714-1721.	8.9	52
27	The biodiversity of microbial cytochromes P450. Advances in Microbial Physiology, 2003, 47, 131-186.	2.4	58
28	A Novel Sterol 14Î±-Demethylase/Ferredoxin Fusion Protein (MCCYP51FX) from Methylococcus capsulatusRepresents a New Class of the Cytochrome P450 Superfamily. Journal of Biological Chemistry, 2002, 277, 46959-46965.	3.4	64
29	Phanerochaete chrysosporium NADPH-cytochrome P450 reductase kinetic mechanism. Biochemical and Biophysical Research Communications, 2002, 299, 189-195.	2.1	18
30	Plant Sterol 14Î±-Demethylase Affinity for Azole Fungicides. Biochemical and Biophysical Research Communications, 2001, 284, 845-849.	2.1	37
31	Activities and Kinetic Mechanisms of Native and Soluble NADPHâ€“Cytochrome P450 Reductase. Biochemical and Biophysical Research Communications, 2001, 286, 48-54.	2.1	41