

Ann R Holmes

List of Publications by Year in descending order

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59
papers

3,856
citations

159358

30
h-index

133063

59
g-index

60
all docs

60
docs citations

60
times ranked

3522
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesion of Yeast and Bacteria to Oral Surfaces. <i>Methods in Molecular Biology</i> , 2017, 1537, 165-190.	0.4	4
2	Denaturing gradient gel electrophoresis profiles of bacteria from the saliva of twenty four different individuals form clusters that showed no relationship to the yeasts present. <i>Archives of Oral Biology</i> , 2017, 82, 6-10.	0.8	3
3	Multilocus sequence typing (MLST) analysis of <i>Candida albicans</i> isolates colonizing acrylic dentures before and after denture replacement. <i>Medical Mycology</i> , 2016, 55, myw128.	0.3	16
4	Targeting efflux pumps to overcome antifungal drug resistance. <i>Future Medicinal Chemistry</i> , 2016, 8, 1485-1501.	1.1	89
5	Secretory component mediates <i>Candida albicans</i> binding to epithelial cells. <i>Oral Diseases</i> , 2016, 22, 69-74.	1.5	12
6	Learning the ABC of oral fungal drug resistance. <i>Molecular Oral Microbiology</i> , 2015, 30, 425-437.	1.3	15
7	<i>In vitro</i> expression of <i>Candida albicans</i> alcohol dehydrogenase genes involved in acetaldehyde metabolism. <i>Molecular Oral Microbiology</i> , 2015, 30, 27-38.	1.3	12
8	Selective Advantages of a Parasexual Cycle for the Yeast <i>Candida albicans</i> . <i>Genetics</i> , 2015, 200, 1117-1132.	1.2	23
9	Adherence of <i>Candida albicans</i> to silicone is promoted by the human salivary protein <i>SPLUNC2</i> / <i>PSP</i> / <i>BPIFA2</i> . <i>Molecular Oral Microbiology</i> , 2014, 29, 90-98.	1.3	15
10	Detection of <i>Candida albicans</i> <i>ADH1</i> and <i>ADH2</i> mRNAs in human archival oral biopsy samples. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 704-710.	1.4	11
11	Drug Resistance Is Conferred on the Model Yeast <i>Saccharomyces cerevisiae</i> by Expression of Full-Length Melanoma-Associated Human ATP-Binding Cassette Transporter ABCB5. <i>Molecular Pharmaceutics</i> , 2014, 11, 3452-3462.	2.3	14
12	Use of denaturing gradient gel electrophoresis for the identification of mixed oral yeasts in human saliva. <i>Journal of Medical Microbiology</i> , 2013, 62, 319-330.	0.7	16
13	The Monoamine Oxidase A Inhibitor Clorgyline Is a Broad-Spectrum Inhibitor of Fungal ABC and MFS Transporter Efflux Pump Activities Which Reverses the Azole Resistance of <i>Candida albicans</i> and <i>Candida glabrata</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1508-1515.	1.4	85
14	N-acetylglucosamine increases symptoms and fungal burden in a murine model of oral candidiasis. <i>Medical Mycology</i> , 2012, 50, 252-258.	0.3	11
15	Yeast Colonization of Voice Prostheses: Pilot Study Investigating Effect of a Bovine Milk Product Containing Anti- <i>Candida Albicans</i> Immunoglobulin A Antibodies on Yeast Colonization and Valve Leakage. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2012, 121, 61-66.	0.6	7
16	A d-octapeptide drug efflux pump inhibitor acts synergistically with azoles in a murine oral candidiasis infection model. <i>FEMS Microbiology Letters</i> , 2012, 328, 130-137.	0.7	31
17	Specific interactions between the <i>Candida albicans</i> ABC transporter Cdr1p ectodomain and a d-octapeptide derivative inhibitor. <i>Molecular Microbiology</i> , 2012, 85, 747-767.	1.2	41
18	Chimeras of <i>Candida albicans</i> Cdr1p and Cdr2p reveal features of pleiotropic drug resistance transporter structure and function. <i>Molecular Microbiology</i> , 2011, 82, 416-433.	1.2	22

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19	Revisiting the association between candidal infection and carcinoma, particularly oral squamous cell carcinoma. <i>Journal of Oral Microbiology</i> , 2010, 2, 5780.	1.2	114
20	Adhesion of Yeast and Bacteria to Oral Surfaces. <i>Methods in Molecular Biology</i> , 2010, 666, 103-124.	0.4	8
21	Fungal PDR transporters: Phylogeny, topology, motifs and function. <i>Fungal Genetics and Biology</i> , 2010, 47, 127-142.	0.9	141
22	Abc1p Is a Multidrug Efflux Transporter That Tips the Balance in Favor of Innate Azole Resistance in <i>Candida krusei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 354-369.	1.4	93
23	Efflux-Mediated Antifungal Drug Resistance. <i>Clinical Microbiology Reviews</i> , 2009, 22, 291-321.	5.7	483
24	An <i>in vitro</i> device for the assessment of biofilm mediated voice prosthesis damage: how we do it. <i>Clinical Otolaryngology</i> , 2009, 34, 481-484.	0.6	2
25	Identification of Nile red as a fluorescent substrate of the <i>Candida albicans</i> ATP-binding cassette transporters Cdr1p and Cdr2p and the major facilitator superfamily transporter Mdr1p. <i>Analytical Biochemistry</i> , 2009, 394, 87-91.	1.1	103
26	ABC Transporter Cdr1p Contributes More than Cdr2p Does to Fluconazole Efflux in Fluconazole-Resistant <i>Candida albicans</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3851-3862.	1.4	144
27	Production from dairy cows of semi-industrial quantities of milk-protein concentrate (MPC) containing efficacious anti- <i>Candida albicans</i> IgA antibodies. <i>Journal of Dairy Research</i> , 2007, 74, 269-275.	0.7	17
28	Direct Comparison of the Pharmacodynamics of Four Antifungal Drugs in a Mouse Model of Disseminated Candidiasis Using Microbiological Assays of Serum Drug Concentrations. <i>Microbiology and Immunology</i> , 2007, 51, 1053-1059.	0.7	8
29	Characterization of Three Classes of Membrane Proteins Involved in Fungal Azole Resistance by Functional Hyperexpression in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2007, 6, 1150-1165.	3.4	173
30	<i>Candida albicans</i> drug resistance – another way to cope with stress. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3211-3217.	0.7	183
31	<i>Candida albicans</i> binds to saliva proteins selectively adsorbed to silicone. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 102, 488-494.	1.6	42
32	Amino Acid Residues Affecting Drug Pump Function in <i>Candida albicans</i> -C. <i>albicans</i> Drug Pump Function-. <i>Medical Mycology Journal</i> , 2006, 47, 275-281.	0.9	3
33	Heterozygosity and functional allelic variation in the <i>Candida albicans</i> efflux pump genes CDR1 and CDR2. <i>Molecular Microbiology</i> , 2006, 62, 170-186.	1.2	61
34	Overexpression of <i>Candida albicans</i> CDR1, CDR2, or MDR1 Does Not Produce Significant Changes in Echinocandin Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1148-1155.	1.4	123
35	Characterization of two <i>Candida albicans</i> surface mannoprotein adhesins that bind immobilized saliva components. <i>Medical Mycology</i> , 2005, 43, 209-217.	0.3	25
36	Functional analysis of fungal drug efflux transporters by heterologous expression in <i>Saccharomyces cerevisiae</i> . <i>Japanese Journal of Infectious Diseases</i> , 2005, 58, 1-7.	0.5	34

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37	Regulated overexpression of CDR1 in <i>Candida albicans</i> confers multidrug resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 999-1006.	1.3	61
38	Detection of <i>Candida albicans</i> mRNA in Archival Histopathology Samples by Reverse Transcription-PCR. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2275-2278.	1.8	9
39	<i>Candida glabrata</i> ATP-binding Cassette Transporters Cdr1p and Pdh1p Expressed in a <i>Saccharomyces cerevisiae</i> Strain Deficient in Membrane Transporters Show Phosphorylation-dependent Pumping Properties. <i>Journal of Biological Chemistry</i> , 2002, 277, 46809-46821.	1.6	58
40	Antifungal drug susceptibilities of commensal <i>Candida</i> isolates. <i>New Zealand Dental Journal</i> , 2002, 98, 36-9.	0.1	0
41	The <i>pavA</i> gene of <i>Streptococcus pneumoniae</i> encodes a fibronectin-binding protein that is essential for virulence. <i>Molecular Microbiology</i> , 2001, 41, 1395-1408.	1.2	199
42	Functional Expression of <i>Candida albicans</i> Drug Efflux Pump Cdr1p in a <i>Saccharomyces cerevisiae</i> Strain Deficient in Membrane Transporters. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 3366-3374.	1.4	174
43	Binding Properties of <i>Streptococcus gordonii</i> SspA and SspB (Antigen I/II Family) Polypeptides Expressed on the Cell Surface of <i>Lactococcus lactis</i> MG1363. <i>Infection and Immunity</i> , 1998, 66, 4633-4639.	1.0	52
44	Tandem genes encode cell-surface polypeptides SspA and SspB which mediate adhesion of the oral bacterium <i>Streptococcus gordonii</i> to human and bacterial receptors. <i>Molecular Microbiology</i> , 1996, 20, 403-413.	1.2	143
45	Cell surface polypeptide CshA mediates binding of <i>Streptococcus gordonii</i> to other oral bacteria and to immobilized fibronectin. <i>Infection and Immunity</i> , 1996, 64, 4204-4210.	1.0	101
46	<i>Candida albicans</i> binding to the oral bacterium <i>Streptococcus gordonii</i> involves multiple adhesin-receptor interactions. <i>Infection and Immunity</i> , 1996, 64, 4680-4685.	1.0	132
47	Interactions of <i>Candida albicans</i> with bacteria and salivary molecules in oral biofilms. <i>Journal of Industrial Microbiology</i> , 1995, 15, 208-213.	0.9	63
48	Cell-surface polypeptides as determinants of hydrophobicity in <i>Streptococcus gordonii</i> and <i>Streptococcus sanguis</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 1995, 5, 135-142.	2.5	15
49	Oral <i>Candida</i> : Clearance, Colonization, or Candidiasis?. <i>Journal of Dental Research</i> , 1995, 74, 1152-1161.	2.5	289
50	Adherence of <i>Candida albicans</i> to a cell surface polysaccharide receptor on <i>Streptococcus gordonii</i> . <i>Infection and Immunity</i> , 1995, 63, 1827-1834.	1.0	75
51	Detection of <i>Candida albicans</i> and other yeasts in blood by PCR. <i>Journal of Clinical Microbiology</i> , 1994, 32, 228-231.	1.8	107
52	Yeast-specific DNA probes and their application for the detection of <i>Candida albicans</i> . <i>Journal of Medical Microbiology</i> , 1992, 37, 346-351.	0.7	19
53	Mechanisms of aggregation accompanying morphogenesis in <i>Candida albicans</i> . <i>Oral Microbiology and Immunology</i> , 1992, 7, 32-37.	2.8	17
54	Peanut sensitivity as a cause of burning mouth. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1991, 72, 671-674.	0.6	4

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55	Effect of calcium ion uptake on <i>Candida albicans</i> morphology. FEMS Microbiology Letters, 1991, 77, 187-194.	0.7	45
56	Ammonium assimilation by <i>Candida albicans</i> and other yeasts: a ¹³ N isotope study. Canadian Journal of Microbiology, 1991, 37, 226-232.	0.8	12
57	Nutritional factors determine germ tube formation in <i>Candida albicans</i> . Medical Mycology, 1988, 26, 127-131.	0.3	46
58	Factors Affecting the Interferon Sensitivity of Human Cytomegalovirus. Intervirology, 1978, 9, 48-55.	1.2	22
59	Multiplicity-dependent Replication of Varicella-zoster Virus in Interferon-treated Cells. Journal of General Virology, 1977, 35, 361-368.	1.3	17