

Hiram Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,521
citations

516215

16
h-index

642321

23
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23
all docs

23
docs citations

23
times ranked

1747
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting fungal membrane homeostasis with imidazopyrazoindoles impairs azole resistance and biofilm formation. <i>Nature Communications</i> , 2022, 13, .	5.8	21
2	Formation and characterization of biofilms formed by salt-tolerant yeast strains in seawater-based growth medium. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2411-2426.	1.7	5
3	Turbinmicin inhibits <i>Candida</i> biofilm growth by disrupting fungal vesicle-mediated trafficking. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	29
4	A small molecule produced by <i>Lactobacillus</i> species blocks <i>Candida albicans</i> filamentation by inhibiting a DYRK1-family kinase. <i>Nature Communications</i> , 2021, 12, 6151.	5.8	50
5	Coordination of fungal biofilm development by extracellular vesicle cargo. <i>Nature Communications</i> , 2021, 12, 6235.	5.8	42
6	Folate Functionalized Lipid Nanoparticles for Targeted Therapy of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Pharmaceutics</i> , 2021, 13, 1791.	2.0	9
7	Preventing <i>Pseudomonas aeruginosa</i> Biofilms on Indwelling Catheters by Surface-Bound Enzymes. <i>ACS Applied Bio Materials</i> , 2021, 4, 8248-8258.	2.3	16
8	A marine microbiome antifungal targets urgent-threat drug-resistant fungi. <i>Science</i> , 2020, 370, 974-978.	6.0	102
9	The <i>Candida albicans</i> biofilm gene circuit modulated at the chromatin level by a recent molecular histone innovation. <i>PLoS Biology</i> , 2019, 17, e3000422.	2.6	22
10	Exploiting the vulnerable active site of a copper-only superoxide dismutase to disrupt fungal pathogenesis. <i>Journal of Biological Chemistry</i> , 2019, 294, 2700-5412.	1.6	15
11	APX001 Pharmacokinetic/Pharmacodynamic Target Determination against <i>Aspergillus fumigatus</i> in an <i>In Vivo</i> Model of Invasive Pulmonary Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	37
12	Bacterial-derived exopolysaccharides enhance antifungal drug tolerance in a cross-kingdom oral biofilm. <i>ISME Journal</i> , 2018, 12, 1427-1442.	4.4	111
13	Conservation and Divergence in the <i>Candida</i> Species Biofilm Matrix Mannan-Glucan Complex Structure, Function, and Genetic Control. <i>MBio</i> , 2018, 9, .	1.8	52
14	<i>Candida albicans</i> biofilm-induced vesicles confer drug resistance through matrix biogenesis. <i>PLoS Biology</i> , 2018, 16, e2006872.	2.6	173
15	<i>Candida albicans</i> FRE8 encodes a member of the NADPH oxidase family that produces a burst of ROS during fungal morphogenesis. <i>PLoS Pathogens</i> , 2017, 13, e1006763.	2.1	57
16	Bypass of <i>Candida albicans</i> Filamentation/Biofilm Regulators through Diminished Expression of Protein Kinase Cak1. <i>PLoS Genetics</i> , 2016, 12, e1006487.	1.5	39
17	Global Identification of Biofilm-Specific Proteolysis in <i>Candida albicans</i> . <i>MBio</i> , 2016, 7, .	1.8	63
18	Large-scale production and isolation of <i>Candida</i> biofilm extracellular matrix. <i>Nature Protocols</i> , 2016, 11, 2320-2327.	5.5	26

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19	Community participation in biofilm matrix assembly and function. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4092-4097.	3.3	139
20	Novel Entries in a Fungal Biofilm Matrix Encyclopedia. MBio, 2014, 5, e01333-14.	1.8	234
21	Rat Indwelling Urinary Catheter Model of Candida albicans Biofilm Infection. Infection and Immunity, 2014, 82, 4931-4940.	1.0	38
22	A Candida Biofilm-Induced Pathway for Matrix Glucan Delivery: Implications for Drug Resistance. PLoS Pathogens, 2012, 8, e1002848.	2.1	240
23	Effects of a DNA vaccine in an animal model of Alternaria alternata sensitivity. Revista Iberoamericana De Micologia, 2009, 26, 121-128.	0.4	1