Chung-Yu Lan

List of Publications by Year
in descending order

48 papers	2,370 citations	279701 23 h-index	214721 47 g-index
48 all docs	48 docs citations	48 times ranked	2974 citing authors

#	Article	IF	Citations
1	Helical structure motifs made searchable for functional peptide design. Nature Communications, 2022, 13, 102.	5.8	10
2	Antimicrobial Activity of the Peptide LfcinB15 against Candida albicans. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.5	20
3	Candida albicans Sfp1 Is Involved in the Cell Wall and Endoplasmic Reticulum Stress Responses Induced by Human Antimicrobial Peptide LL-37. International Journal of Molecular Sciences, 2021, 22, 10633.	1.8	18
4	Candida albicans Aro1 affects cell wall integrity, biofilm formation and virulence. Journal of Microbiology, Immunology and Infection, 2020, 53, 115-124.	1.5	13
5	The interaction between Carbohydrates and the Antimicrobial Peptide P-113Tri is Involved in the Killing of Candida albicans. Microorganisms, 2020, 8, 299.	1.6	8
6	Human Antimicrobial Peptide Hepcidin 25-Induced Apoptosis in Candida albicans. Microorganisms, 2020, 8, 585.	1.6	14
7	Characterization of biofilm production in different strains of Acinetobacter baumannii and the effects of chemical compounds on biofilm formation. PeerJ, 2020, 8, e9020.	0.9	16
8	Novel mitochondrial complex I-inhibiting peptides restrain NADH dehydrogenase activity. Scientific Reports, 2019, 9, 13694.	1.6	14
9	Rhamnose Binding Protein as an Anti-Bacterial Agentâ€"Targeting Biofilm of Pseudomonas aeruginosa. Marine Drugs, 2019, 17, 355.	2.2	15
10	The Transcription Factor Sfp1 Regulates the Oxidative Stress Response in Candida albicans. Microorganisms, 2019, 7, 131.	1.6	13
11	A method to assess influence of different medical tubing on biofilm formation by Acinetobacter baumannii. Journal of Microbiological Methods, 2019, 160, 84-86.	0.7	12
12	Investigating Common Pathogenic Mechanisms between Homo sapiens and Different Strains of Candida albicans for Drug Design: Systems Biology Approach via Two-Sided NGS Data Identification. Toxins, 2019, 11, 119.	1.5	3
13	The small GTPase Rhb1 is involved in the cell response to fluconazole inCandida albicans. FEMS Yeast Research, 2019, 19, .	1.1	3
14	Distribution of different efflux pump genes in clinical isolates of multidrug-resistant Acinetobacter baumannii and their correlation with antimicrobial resistance. Journal of Microbiology, Immunology and Infection, 2017, 50, 224-231.	1.5	71
15	Candida albicans Hom6 is a homoserine dehydrogenase involved in protein synthesis and cell adhesion. Journal of Microbiology, Immunology and Infection, 2017, 50, 863-871.	1.5	7
16	Contribution of EmrAB efflux pumps to colistin resistance in Acinetobacter baumannii. Journal of Microbiology, 2017, 55, 130-136.	1.3	68
17	The Antimicrobial Peptides P-113Du and P-113Tri Function against Candida albicans. Antimicrobial Agents and Chemotherapy, 2016, 60, 6369-6373.	1.4	9
18	Role of SFP1 in the Regulation of Candida albicans Biofilm Formation. PLoS ONE, 2015, 10, e0129903.	1.1	28

#	ARTICLE	IF	CITATIONS
19	The Role of the Two-Component System BaeSR in Disposing Chemicals through Regulating Transporter Systems in Acinetobacter baumannii. PLoS ONE, 2015, 10, e0132843.	1.1	50
20	OmpA Binding Mediates the Effect of Antimicrobial Peptide LL-37 on Acinetobacter baumannii. PLoS ONE, 2015, 10, e0141107.	1.1	31
21	Antimicrobial resistance inAcinetobacter baumannii: From bench to bedside. World Journal of Clinical Cases, 2014, 2, 787.	0.3	251
22	Essential Functional Modules for Pathogenic and Defensive Mechanisms inCandida albicansInfections. BioMed Research International, 2014, 2014, 1-15.	0.9	7
23	The role of Mss11 in Candida albicans biofilm formation. Molecular Genetics and Genomics, 2014, 289, 807-819.	1.0	13
24	Responses of Candida albicans to the human antimicrobial peptide LL-37. Journal of Microbiology, 2014, 52, 581-589.	1.3	51
25	Role of the BaeSR two-component system in the regulation of Acinetobacter baumannii adeAB genes and its correlation with tigecycline susceptibility. BMC Microbiology, 2014, 14, 119.	1.3	80
26	Robustness analysis on interspecies interaction network for iron and glucose competition between Candida albicans and zebrafish during infection. BMC Systems Biology, 2014, 8, S6.	3.0	10
27	Induction of Tigecycline Resistance in Acinetobacter baumannii. Bio-protocol, 2014, 4, .	0.2	1
28	Minimal Inhibitory Concentration (MIC) Assay for Acinetobacter baumannii. Bio-protocol, 2014, 4, .	0.2	2
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37	Candida albicans Hap43 Is a Repressor Induced under Low-Iron Conditions and Is Essential for Iron-Responsive Transcriptional Regulation and Virulence. Eukaryotic Cell, 2011, 10, 207-225.	3.4	147
38	Human Antimicrobial Peptide LL-37 Inhibits Adhesion of Candida albicans by Interacting with Yeast Cell-Wall Carbohydrates. PLoS ONE, 2011, 6, e17755.	1.1	136
39	Molecular Epidemiology and Antimicrobial Resistance Determinants of Multidrug-Resistant <i>Acinetobacter baumannii</i> in Five Proximal Hospitals in Taiwan. Japanese Journal of Infectious Diseases, 2011, 64, 222-227.	0.5	14
40	Global screening of potential Candida albicans biofilm-related transcription factors via network comparison. BMC Bioinformatics, 2010, 11, 53.	1.2	29
41	Zebrafish as a Model Host for Candida albicans Infection. Infection and Immunity, 2010, 78, 2512-2521.	1.0	96
42	A small G protein Rhb1 and a GTPase-activating protein Tsc2 involved in nitrogen starvation-induced morphogenesis and cell wall integrity of Candida albicans. Fungal Genetics and Biology, 2009, 46, 126-136.	0.9	52
43	Development and evaluation of a sensitive enzyme-linked oligonucleotide-sorbent assay for detection of polymerase chain reaction-amplified hepatitis C virus of genotypes 1â€“6. Journal of Virological Methods, 2008, 151, 211-216.	1.0	8
44	Inactivation of the phospholipase B gene PLB5 in wild-type Candida albicans reduces cell-associated phospholipase A2 activity and attenuates virulence. International Journal of Medical Microbiology, 2006, 296, 405-420.	1.5	82
45	Genome-Wide Transcription Profiling of the Early Phase of Biofilm Formation by Candida albicans. Eukaryotic Cell, 2005, 4, 1562-1573.	3.4	142
46	Regulatory networks affected by iron availability in Candida albicans. Molecular Microbiology, 2004, 53, 1451-1469.	1.2	240
47	Metabolic specialization associated with phenotypic switching in Candida albicans. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14907-14912.	3.3	271
48	Differential Expression of the OmpF and OmpC Porin Proteins in Escherichia coli K-12 Depends upon the Level of Active OmpR. Journal of Bacteriology, 1998, 180, 171-174.	1.0	101