

# Alix T Coste

## List of Publications by Year in descending order

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66  
papers

4,675  
citations

147801

31  
h-index

118850

62  
g-index

71  
all docs

71  
docs citations

71  
times ranked

5723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview about <i>Candida auris</i> : What's up 12 years after its first description?. <i>Journal De Mycologie Medicale</i> , 2022, 32, 101248.	1.5	16
2	Voeux 2022. <i>Journal De Mycologie Medicale</i> , 2022, 32, 101253.	1.5	0
3	Deciphering the Mrr1/Mdr1 Pathway in Azole Resistance of <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0006722.	3.2	15
4	How Yeast Antifungal Resistance Gene Analysis Is Essential to Validate Antifungal Susceptibility Testing Systems. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	3
5	Anti-SARS-CoV-2 Titers Predict the Severity of COVID-19. <i>Viruses</i> , 2022, 14, 1089.	3.3	9
6	Invasive Aspergillosis Due to <i>Aspergillus</i> Section <i>Usti</i> : A Multicenter Retrospective Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1379-1385.	5.8	28
7	Changes in SARS-CoV-2 Spike versus Nucleoprotein Antibody Responses Impact the Estimates of Infections in Population-Based Seroprevalence Studies. <i>Journal of Virology</i> , 2021, 95, .	3.4	200
8	Comparison of SARS-CoV-2 serological tests with different antigen targets. <i>Journal of Clinical Virology</i> , 2021, 134, 104690.	3.1	65
9	Insights in the molecular mechanisms of an azole stress adapted laboratory-generated <i>Aspergillus fumigatus</i> strain. <i>Medical Mycology</i> , 2021, 59, 763-772.	0.7	3
10	Function Analysis of MBF1, a Factor Involved in the Response to Amino Acid Starvation and Virulence in <i>Candida albicans</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	2
11	Novel <i>ERG11</i> and <i>TAC1b</i> Mutations Associated with Azole Resistance in <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	36
12	Self-testing for SARS-CoV-2: importance of lay communication. <i>Swiss Medical Weekly</i> , 2021, 151, w20526.	1.6	2
13	Evaluation of sixteen ELISA SARS-CoV-2 serological tests. <i>Journal of Clinical Virology</i> , 2021, 142, 104931.	3.1	14
14	Assessment of the In Vitro and In Vivo Antifungal Activity of NSC319726 against <i>Candida auris</i> . <i>Microbiology Spectrum</i> , 2021, , e0139521.	3.0	4
15	Emerging echinocandin-resistant <i>Candida albicans</i> and <i>glabrata</i> in Switzerland. <i>Infection</i> , 2020, 48, 761-766.	4.7	33
16	Performance evaluation of the Becton Dickinson Kiestra®, IdentifA/SusceptA. <i>Clinical Microbiology and Infection</i> , 2020, 27, 1167.e9-1167.e17.	6.0	4
17	Serum antibody response in critically ill patients with COVID-19. <i>Intensive Care Medicine</i> , 2020, 46, 1921-1923.	8.2	10
18	Diagnostic strategies for SARS-CoV-2 infection and interpretation of microbiological results. <i>Clinical Microbiology and Infection</i> , 2020, 26, 1178-1182.	6.0	138

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19	Immunosuppressed gardener pricked by roses grows <i>Legionella longbeachae</i> . <i>Lancet</i> , The, 2020, 395, 604.	13.7	4
20	Large-scale genome mining allows identification of neutral polymorphisms and novel resistance mutations in genes involved in <i>Candida albicans</i> resistance to azoles and echinocandins. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 835-848.	3.0	13
21	Ability of quantitative PCR to discriminate <i>Pneumocystis jirovecii</i> pneumonia from colonization. <i>Journal of Medical Microbiology</i> , 2020, 69, 705-711.	1.8	26
22	<i>Candida auris</i> , an emerging and disturbing yeast. <i>Journal De Mycologie Medicale</i> , 2019, 29, 105-106.	1.5	1
23	Investigating Antifungal Susceptibility in <i>Candida</i> Species With MALDI-TOF MS-Based Assays. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 19.	3.9	29
24	Review on Antifungal Resistance Mechanisms in the Emerging Pathogen <i>Candida auris</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2788.	3.5	119
25	Condition-specific series of metabolic sub-networks and its application for gene set enrichment analysis. <i>Bioinformatics</i> , 2019, 35, 2258-2266.	4.1	12
26	Machine Learning Approach for <i>Candida albicans</i> Fluconazole Resistance Detection Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>Frontiers in Microbiology</i> , 2019, 10, 3000.	3.5	32
27	Review of the impact of MALDI-TOF MS in public health and hospital hygiene, 2018. <i>Eurosurveillance</i> , 2019, 24, .	7.0	50
28	A standardized toolkit for genetic engineering of CTG clade yeasts. <i>Journal of Microbiological Methods</i> , 2018, 144, 152-156.	1.6	19
29	Azole resistance in a <i>Candida albicans</i> mutant lacking the ABC transporter CDR6/ROA1 depends on TOR signaling. <i>Journal of Biological Chemistry</i> , 2018, 293, 412-432.	3.4	42
30	One fungus, several microbes. <i>Journal De Mycologie Medicale</i> , 2018, 28, 413.	1.5	0
31	First case of <i>Candida auris</i> in Switzerland: discussion about preventive strategies. <i>Swiss Medical Weekly</i> , 2018, 148, w14622.	1.6	28
32	Unexpected Transcripts in Tn7 orf19.2646 <i>C. albicans</i> Mutant Lead to Low Fungal Burden Phenotype In vivo. <i>Frontiers in Microbiology</i> , 2017, 8, 873.	3.5	3
33	Azole Resistance in <i>Aspergillus fumigatus</i> : A Consequence of Antifungal Use in Agriculture?. <i>Frontiers in Microbiology</i> , 2017, 8, 1024.	3.5	162
34	Red-Shifted Firefly Luciferase Optimized for <i>Candida albicans</i> In vivo Bioluminescence Imaging. <i>Frontiers in Microbiology</i> , 2017, 8, 1478.	3.5	26
35	Pleiotropic effects of the vacuolar ABC transporter MLT1 of <i>Candida albicans</i> on cell function and virulence. <i>Biochemical Journal</i> , 2016, 473, 1537-1552.	3.7	28
36	Identification of <i>Aspergillus fumigatus</i> multidrug transporter genes and their potential involvement in antifungal resistance. <i>Medical Mycology</i> , 2016, 54, 616-627.	0.7	70

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37	Activity of Isavuconazole and Other Azoles against Candida Clinical Isolates and Yeast Model Systems with Known Azole Resistance Mechanisms. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 229-238.	3.2	59
38	Examining the virulence of <i>Candida albicans</i> transcription factor mutants using <i>Galleria mellonella</i> and mouse infection models. <i>Frontiers in Microbiology</i> , 2015, 06, 367.	3.5	44
39	RNA Enrichment Method for Quantitative Transcriptional Analysis of Pathogens <i>In Vivo</i> Applied to the Fungus <i>Candida albicans</i> . <i>MBio</i> , 2015, 6, e00942-15.	4.1	78
40	Adaptation of a <i>Gussia princeps</i> Luciferase reporter system in <i>Candida albicans</i> for <i>in vivo</i> detection in the <i>Galleria mellonella</i> infection model. <i>Virulence</i> , 2015, 6, 684-693.	4.4	23
41	Animal Models to Study Fungal Virulence and Antifungal Drugs. , 2015, , 289-316.		4
42	Distinct Roles of <i>Candida albicans</i> Drug Resistance Transcription Factors <i>TAC1</i> , <i>MRR1</i> , and <i>UPC2</i> in Virulence. <i>Eukaryotic Cell</i> , 2014, 13, 127-142.	3.4	76
43	Molecular Mechanisms of Drug Resistance in Clinical <i>Candida</i> Species Isolated from Tunisian Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3182-3193.	3.2	96
44	Identification and Functional Characterization of <i>Rca1</i> , a Transcription Factor Involved in both Antifungal Susceptibility and Host Response in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2012, 11, 916-931.	3.4	47
45	Azole Resistance by Loss of Function of the Sterol <sup>5,6</sup> -Desaturase Gene ( <i>ERG3</i> ) in <i>Candida albicans</i> Does Not Necessarily Decrease Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1960-1968.	3.2	85
46	Antifungal Resistance and New Strategies to Control Fungal Infections. <i>International Journal of Microbiology</i> , 2012, 2012, 1-26.	2.3	346
47	Species-Specific Recognition of <i>Aspergillus fumigatus</i> by Toll-like Receptor 1 and Toll-like Receptor 6. <i>Journal of Infectious Diseases</i> , 2012, 205, 944-954.	4.0	48
48	In Vivo Systematic Analysis of <i>Candida albicans</i> <i>Zn2-Cys6</i> Transcription Factors Mutants for Mice Organ Colonization. <i>PLoS ONE</i> , 2011, 6, e26962.	2.5	44
49	Doxorubicin induces drug efflux pumps in <i>Candida albicans</i> . <i>Medical Mycology</i> , 2011, 49, 132-142.	0.7	20
50	Genetic Dissection of Azole Resistance Mechanisms in <i>Candida albicans</i> and Their Validation in a Mouse Model of Disseminated Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1476-1483.	3.2	96
51	Functional Analysis of <i>cis</i> - and <i>trans</i> -Acting Elements of the <i>Candida albicans</i> <i>CDR2</i> Promoter with a Novel Promoter Reporter System. <i>Eukaryotic Cell</i> , 2009, 8, 1250-1267.	3.4	76
52	Antifungal drug resistance mechanisms in fungal pathogens from the perspective of transcriptional gene regulation. <i>FEMS Yeast Research</i> , 2009, 9, 1029-1050.	2.3	234
53	Modulation of chemokine gene expression by Shiga-toxin producing <i>Escherichia coli</i> belonging to various origins and serotypes. <i>Microbes and Infection</i> , 2008, 10, 159-165.	1.9	14
54	Divergent functions of three <i>Candida albicans</i> zinc-cluster transcription factors ( <i>CTA4</i> , <i>ASG1</i> and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	37

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55	Genotypic Evolution of Azole Resistance Mechanisms in Sequential <i>Candida albicans</i> Isolates. <i>Eukaryotic Cell</i> , 2007, 6, 1889-1904.	3.4	268
56	CRZ1, a target of the calcineurin pathway in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2006, 59, 1429-1451.	2.5	224
57	A Mutation in Tac1p, a Transcription Factor Regulating CDR1 and CDR2, Is Coupled With Loss of Heterozygosity at Chromosome 5 to Mediate Antifungal Resistance in <i>Candida albicans</i> . <i>Genetics</i> , 2006, 172, 2139-2156.	2.9	341
58	Identification of promoter elements responsible for the regulation of MDR1 from <i>Candida albicans</i> , a major facilitator transporter involved in azole resistance. <i>Microbiology (United Kingdom)</i> , 2006, 152, 3701-3722.	1.8	67
59	The CRH Family Coding for Cell Wall Glycosylphosphatidylinositol Proteins with a Predicted Transglycosidase Domain Affects Cell Wall Organization and Virulence of <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 40399-40411.	3.4	108
60	TAC1, Transcriptional Activator of CDR Genes, Is a New Transcription Factor Involved in the Regulation of <i>Candida albicans</i> ABC Transporters CDR1 and CDR2. <i>Eukaryotic Cell</i> , 2004, 3, 1639-1652.	3.4	377
61	Comparison of Gene Expression Profiles of <i>Candida albicans</i> Azole-Resistant Clinical Isolates and Laboratory Strains Exposed to Drugs Inducing Multidrug Transporters. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3064-3079.	3.2	160
62	Nasal immunisation with <i>Salmonella typhimurium</i> producing rotavirus VP2 and VP6 antigens stimulates specific antibody response in serum and milk but fails to protect offspring. <i>Vaccine</i> , 2001, 19, 4167-4174.	3.8	12
63	First Evidence of Lysogeny in <i>Propionibacterium freudenreichii</i> subsp. <i>shermanii</i> . <i>Applied and Environmental Microbiology</i> , 2001, 67, 231-238.	3.1	16
64	Flagellin stimulation of intestinal epithelial cells triggers CCL20-mediated migration of dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13722-13727.	7.1	334
65	Nasal Immunization of Mice with Virus-Like Particles Protects Offspring against Rotavirus Diarrhea. <i>Journal of Virology</i> , 2000, 74, 8966-8971.	3.4	56
66	Bacteriophages of dairy propionibacteria. <i>Dairy Science and Technology</i> , 1999, 79, 93-104.	0.9	7