Julian R Naglik

List of Publications by Year
in descending order

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90 papers	8,181 citations	57758 44 h-index	51608 86 g-index
96 all docs	96 docs citations	96 times ranked	5872 citing authors

#	Article	IF	Citations
1	Candida albicans Secreted Aspartyl Proteinases in Virulence and Pathogenesis. Microbiology and Molecular Biology Reviews, 2003, 67, 400-428.	6.6	936
2	Candidalysin is a fungal peptide toxin critical for mucosal infection. Nature, 2016, 532, 64-68.	27.8	628
3	Fungal Adenylyl Cyclase Integrates CO2 Sensing with cAMP Signaling and Virulence. Current Biology, 2005, 15, 2021-2026.	3.9	372
4	A Biphasic Innate Immune MAPK Response Discriminates between the Yeast and Hyphal Forms of Candida albicans in Epithelial Cells. Cell Host and Microbe, 2010, 8, 225-235.	11.0	303
5	Candida albicansdimorphism as a therapeutic target. Expert Review of Anti-Infective Therapy, 2012, 10, 85-93.	4.4	292
6	In vivo transcript profiling of Candida albicans identifies a gene essential for interepithelial dissemination. Cellular Microbiology, 2007, 9, 2938-2954.	2.1	255
7	Glycosylphosphatidylinositol-anchored Proteases of Candida albicans Target Proteins Necessary for Both Cellular Processes and Host-Pathogen Interactions. Journal of Biological Chemistry, 2006, 281, 688-694.	3.4	222
8	Quantitative expression of the Candida albicans secreted aspartyl proteinase gene family in human oral and vaginal candidiasis. Microbiology (United Kingdom), 2008, 154, 3266-3280.	1.8	218
9	Candida albicans interactions with epithelial cells and mucosal immunity. Microbes and Infection, 2011, 13, 963-976.	1.9	218
10	Human epithelial cells establish direct antifungal defense through TLR4-mediated signaling. Journal of Clinical Investigation, 2007, 117, 3664-72.	8.2	186
11	The fungal peptide toxin Candidalysin activates the NLRP3 inflammasome and causes cytolysis in mononuclear phagocytes. Nature Communications, 2018, 9, 4260.	12.8	181
12	Differential Expression ofCandida albicansSecreted Aspartyl Proteinase and Phospholipase B Genes in Humans Correlates with Active Oral and Vaginal Infections. Journal of Infectious Diseases, 2003, 188, 469-479.	4.0	177
13	In Vivo Analysis of Secreted Aspartyl Proteinase Expression in Human Oral Candidiasis. Infection and Immunity, 1999, 67, 2482-2490.	2.2	171
14	CARD9+ microglia promote antifungal immunity via IL-1Î²- and CXCL1-mediated neutrophil recruitment. Nature Immunology, 2019, 20, 559-570.	14.5	162
15	Oral epithelial cells orchestrate innate type 17 responses to Candida albicans through the virulence factor candidalysin. Science Immunology, 2017, 2, .	11.9	154
16	IL-17 Receptor Signaling in Oral Epithelial Cells Is Critical for Protection against Oropharyngeal Candidiasis. Cell Host and Microbe, 2016, 20, 606-617.	11.0	148
17	Candida albicans-epithelial interactions and pathogenicity mechanisms: scratching the surface. Virulence, 2015, 6, 338-346.	4.4	142
18	Animal models of mucosal Candida infection. FEMS Microbiology Letters, 2008, 283, 129-139.	1.8	137

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19	Candidalysin: discovery and function in Candida albicans infections. Current Opinion in Microbiology, 2019, 52, 100-109.	5.1	134
20	Candida albicans-Induced Epithelial Damage Mediates Translocation through Intestinal Barriers. MBio, 2018, 9, .	4.1	131
21	Candidalysin Drives Epithelial Signaling, Neutrophil Recruitment, and Immunopathology at the Vaginal Mucosa. Infection and Immunity, 2018, 86, .	2.2	123
22	Mucosal Immunity andCandida albicansInfection. Clinical and Developmental Immunology, 2011, 2011, 1-9.	3.3	106
23	Candida albicansâ€“epithelial interactions and induction of mucosal innate immunity. Current Opinion in Microbiology, 2017, 40, 104-112.	5.1	104
24	Candidalysin activates innate epithelial immune responses via epidermal growth factor receptor. Nature Communications, 2019, 10, 2297.	12.8	104
25	Immune regulation by fungal strain diversity in inflammatory bowel disease. Nature, 2022, 603, 672-678.	27.8	98
26	Candida albicans biofilms and polymicrobial interactions. Critical Reviews in Microbiology, 2021, 47, 91-111.	6.1	96
27	Candida albicans Yeast and Hyphae are Discriminated by MAPK Signaling in Vaginal Epithelial Cells. PLoS ONE, 2011, 6, e26580.	2.5	95
28	Models of oral and vaginal candidiasis based on in vitro reconstituted human epithelia. Nature Protocols, 2006, 1, 2767-2773.	12.0	94
29	Evaluation of the Role of Candida albicans Agglutinin-Like Sequence (Als) Proteins in Human Oral Epithelial Cell Interactions. PLoS ONE, 2012, 7, e33362.	2.5	93
30	Murine model of concurrent oral and vaginal Candida albicans colonization to study epithelial hostâ€“pathogen interactions. Microbes and Infection, 2007, 9, 615-622.	1.9	88
31	Pathogenicity mechanisms and host response during oral Candida albicans infections. Expert Review of Anti-Infective Therapy, 2014, 12, 867-879.	4.4	86
32	Protection Against Epithelial Damage During Candida albicans Infection Is Mediated by PI3K/Akt and Mammalian Target of Rapamycin Signaling. Journal of Infectious Diseases, 2014, 209, 1816-1826.	4.0	86
33	Candida albicans HWP1 gene expression and host antibody responses in colonization and disease. Journal of Medical Microbiology, 2006, 55, 1323-1327.	1.8	83
34	Candida albicans Pathogenicity and Epithelial Immunity. PLoS Pathogens, 2014, 10, e1004257.	4.7	82
35	The Missing Link between Candida albicans Hyphal Morphogenesis and Host Cell Damage. PLoS Pathogens, 2016, 12, e1005867.	4.7	79
36	Comparison of Human Immunodeficiency Virus Type 1-Specific Inhibitory Activities in Saliva and Other Human Mucosal Fluids. Vaccine Journal, 2006, 13, 1111-1118.	3.1	75

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37	Processing of Candida albicans Ece1p Is Critical for Candidalysin Maturation and Fungal Virulence. MBio, 2018, 9, .	4.1	72
38	Candidalysin Is Required for Neutrophil Recruitment and Virulence During Systemic Candida albicans Infection. Journal of Infectious Diseases, 2019, 220, 1477-1488.	4.0	72
39	IL-36 and IL-1/IL-17 Drive Immunity to Oral Candidiasis via Parallel Mechanisms. Journal of Immunology, 2018, 201, 627-634.	0.8	69
40	Candidaâ€“Epithelial Interactions. Journal of Fungi (Basel, Switzerland), 2018, 4, 22.	3.5	67
41	Oral epithelial IL-22/STAT3 signaling licenses IL-17â€“mediated immunity to oral mucosal candidiasis. Science Immunology, 2020, 5, .	11.9	66
42	Epithelial Cell Innate Response to Candida albicans. Advances in Dental Research, 2011, 23, 50-55.	3.6	60
43	The Role of ErbB Receptors in Infection. Trends in Microbiology, 2017, 25, 942-952.	7.7	58
44	Activation of MAPK/c-Fos induced responses in oral epithelial cells is specific to Candida albicans and Candida dubliniensis hyphae. Medical Microbiology and Immunology, 2012, 201, 93-101.	4.8	57
45	Candida albicans Interactions with Mucosal Surfaces during Health and Disease. Pathogens, 2019, 8, 53.	2.8	53
46	Candida albicans elicits protective allergic responses via platelet mediated T helper 2 and T helper 17 cell polarization. Immunity, 2021, 54, 2595-2610.e7.	14.3	47
47	Candida innate immunity at the mucosa. Seminars in Cell and Developmental Biology, 2019, 89, 58-70.	5.0	45
48	MixedCandida albicansstrain populations in colonized and infected mucosal tissues. FEMS Yeast Research, 2008, 8, 1334-1338.	2.3	44
49	Candida albicans Cell Wall Glycosylation May Be Indirectly Required for Activation of Epithelial Cell Proinflammatory Responses. Infection and Immunity, 2011, 79, 4902-4911.	2.2	44
50	Candida albicans isolates with different genomic backgrounds display a differential response to macrophage infection. Microbes and Infection, 2006, 8, 791-800.	1.9	42
51	Fungal Toxins and Host Immune Responses. Frontiers in Microbiology, 2021, 12, 643639.	3.5	42
52	Hostâ€“Pathogen Interactions during Female Genital Tract Infections. Trends in Microbiology, 2019, 27, 982-996.	7.7	41
53	Candida albicans Enhances the Progression of Oral Squamous Cell CarcinomaIn VitroandIn Vivo. MBio, 2022, 13, e0314421.	4.1	39
54	Candida albicans and candidalysin in inflammatory disorders and cancer. Immunology, 2021, 162, 11-16.	4.4	36

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55	The Mycobiome: Influencing IBD Severity. Cell Host and Microbe, 2012, 11, 551-552.	11.0	35
56	A variant ECE1 allele contributes to reduced pathogenicity of Candida albicans during vulvovaginal candidiasis. PLoS Pathogens, 2021, 17, e1009884.	4.7	35
57	Epithelial discrimination of commensal and pathogenic Candida albicans. Oral Diseases, 2016, 22, 114-119.	3.0	34
58	Candidalysin delivery to the invasion pocket is critical for host epithelial damage induced byCandida albicans. Cellular Microbiology, 2021, 23, e13378.	2.1	33
59	Candidalysin Is a Potent Trigger of Alarmin and Antimicrobial Peptide Release in Epithelial Cells. Cells, 2020, 9, 699.	4.1	32
60	Calcium-dependent ESCRT recruitment and lysosome exocytosis maintain epithelial integrity during Candida albicans invasion. Cell Reports, 2022, 38, 110187.	6.4	31
61	Glycosylation of Candida albicans Cell Wall Proteins Is Critical for Induction of Innate Immune Responses and Apoptosis of Epithelial Cells. PLoS ONE, 2012, 7, e50518.	2.5	29
62	Dermatophytes Activate Skin Keratinocytes via Mitogen-Activated Protein Kinase Signaling and Induce Immune Responses. Infection and Immunity, 2015, 83, 1705-1714.	2.2	29
63	Oral and Vaginal Epithelial Cell Lines Bind and Transfer Cell-Free Infectious HIV-1 to Permissive Cells but Are Not Productively Infected. PLoS ONE, 2014, 9, e98077.	2.5	29
64	Cell Cycle-Independent Phospho-Regulation of Fkh2 during Hyphal Growth Regulates Candida albicans Pathogenesis. PLoS Pathogens, 2015, 11, e1004630.	4.7	26
65	CandidaImmunity. New Journal of Science, 2014, 2014, 1-27.	1.0	24
66	Candidalysin triggers epithelial cellular stresses that induce necrotic death. Cellular Microbiology, 2021, 23, e13371.	2.1	23
67	Programmed Cell Death: Central Player in Fungal Infections. Trends in Cell Biology, 2021, 31, 179-196.	7.9	19
68	Candidalysins Are a New Family of Cytolytic Fungal Peptide Toxins. MBio, 2022, 13, e0351021.	4.1	18
69	Role for IL-1 Family Cytokines in Fungal Infections. Frontiers in Microbiology, 2021, 12, 633047.	3.5	17
70	The Candida albicans toxin candidalysin mediates distinct epithelial inflammatory responses through p38 and EGFR-ERK pathways. Science Signaling, 2022, 15, eabj6915.	3.6	17
71	Albumin Neutralizes Hydrophobic Toxins and Modulates Candida albicans Pathogenicity. MBio, 2021, 12, e0053121.	4.1	14
72	Genome Sequence for Candida albicans Clinical Oral Isolate 529L. Microbiology Resource Announcements, 2019, 8, .	0.6	13

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73	Innate immune mechanisms to oral pathogens in oral mucosa of HIVâ€infected individuals. Oral Diseases, 2020, 26, 69-79.	3.0	13
74	Serum and saliva antibodies do not inhibitCandida albicansSap2 proteinase activity using a BSA hydrolysis assay. Medical Mycology, 2005, 43, 73-77.	0.7	11
75	Oral Colonization of Fungi. Current Fungal Infection Reports, 2013, 7, 152-159.	2.6	11
76	Clotrimazole Dampens Vaginal Inflammation and Neutrophil Infiltration in Response to Candida albicans Infection. Antimicrobial Agents and Chemotherapy, 2013, 57, 5178-5180.	3.2	11
77	Production of Water-Soluble Few-Layer Graphene Mesosheets by Dry Milling with Hydrophobic Drug. Langmuir, 2014, 30, 14999-15008.	3.5	10
78	Some like it hot: Candida activation of inflammasomes. PLoS Pathogens, 2020, 16, e1008975.	4.7	10
79	A Human Dectin-2 Deficiency Associated With Invasive Aspergillosis. Journal of Infectious Diseases, 2021, 224, 1219-1224.	4.0	9
80	Murine Model of Concurrent Oral and Vaginal Candida albicans Colonisation. Methods in Molecular Biology, 2012, 845, 527-535.	0.9	8
81	Innovations for prevention and care of oral candidiasis in HIVâ€infected individuals: Are they available?â€”A workshop report. Oral Diseases, 2020, 26, 91-102.	3.0	5
82	Candida vaginitis: the importance of mitochondria and type I interferon signalling. Mucosal Immunology, 2021, 14, 975-977.	6.0	3
83	Host-Fungal Interactions: Pathogenicity versus Immunity. International Journal of Microbiology, 2012, 2012, 1-2.	2.3	2
84	Humoral Factors in the Protection of the Oral Cavity against Candidiasis. , 2005, , 37-57.		1
85	Secreted Candida Proteins: Pathogenicity and Host Immunity. , 2010, , 97-120.		1
86	Fungal pathogenesis: A new venom. Current Biology, 2021, 31, R391-R394.	3.9	1
87	Analysis of Host-Cell Responses by Immunoblotting, ELISA, and Real-Time PCR. Methods in Molecular Biology, 2012, 845, 345-360.	0.9	0
88	Membrane Activity of the Fungal Peptide Toxin Candidalysin. Biophysical Journal, 2018, 114, 264a.	0.5	0
89	Analysis of Epithelial Responses to Microbial Pathogens. Methods in Molecular Biology, 2021, 2260, 49-82.	0.9	0
90	Cover Image: Candidalysin delivery to the invasion pocket is critical for host epithelial damage induced by Candida albicans (Cellular Microbiology 10/2021). Cellular Microbiology, 2021, 23, e13393.	2.1	0