

Jeniël E Nett

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

7,750
citations

61984

43
h-index

76900

74
g-index

82
all docs

82
docs citations

82
times ranked

5939
citing authors

#	ARTICLE	IF	CITATIONS
1	A Recently Evolved Transcriptional Network Controls Biofilm Development in <i>Candida albicans</i> . <i>Cell</i> , 2012, 148, 126-138.	28.9	607
2	Critical Role of Bcr1-Dependent Adhesins in <i>C. albicans</i> Biofilm Formation In Vitro and In Vivo. <i>PLoS Pathogens</i> , 2006, 2, e63.	4.7	443
3	Putative Role of β -1,3 Glucans in <i>Candida albicans</i> Biofilm Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 510-520.	3.2	362
4	Development and Characterization of an In Vivo Central Venous Catheter <i>Candida albicans</i> Biofilm Model. <i>Infection and Immunity</i> , 2004, 72, 6023-6031.	2.2	358
5	Function of <i>Candida albicans</i> Adhesin Hwp1 in Biofilm Formation. <i>Eukaryotic Cell</i> , 2006, 5, 1604-1610.	3.4	321
6	Complementary Adhesin Function in <i>C. albicans</i> Biofilm Formation. <i>Current Biology</i> , 2008, 18, 1017-1024.	3.9	293
7	Biofilm Matrix Regulation by <i>Candida albicans</i> Zap1. <i>PLoS Biology</i> , 2009, 7, e1000133.	5.6	286
8	Antifungal Agents. <i>Infectious Disease Clinics of North America</i> , 2016, 30, 51-83.	5.1	264
9	A <i>Candida</i> Biofilm-Induced Pathway for Matrix Glucan Delivery: Implications for Drug Resistance. <i>PLoS Pathogens</i> , 2012, 8, e1002848.	4.7	240
10	Novel Entries in a Fungal Biofilm Matrix Encyclopedia. <i>MBio</i> , 2014, 5, e01333-14.	4.1	234
11	Hsp90 Governs Dispersion and Drug Resistance of Fungal Biofilms. <i>PLoS Pathogens</i> , 2011, 7, e1002257.	4.7	231
12	Genetic Basis of <i>Candida</i> Biofilm Resistance Due to Drug-Induced Sequestering Matrix Glucan. <i>Journal of Infectious Diseases</i> , 2010, 202, 171-175.	4.0	220
13	Synergistic Effect of Calcineurin Inhibitors and Fluconazole against <i>Candida albicans</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1127-1132.	3.2	205
14	Portrait of <i>Candida albicans</i> Adherence Regulators. <i>PLoS Pathogens</i> , 2012, 8, e1002525.	4.7	201
15	<i>Candida albicans</i> biofilm development, modeling a host-pathogen interaction. <i>Current Opinion in Microbiology</i> , 2006, 9, 340-345.	5.1	190
16	Role of Fks1p and Matrix Glucan in <i>Candida albicans</i> Biofilm Resistance to an Echinocandin, Pyrimidine, and Polyene. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3505-3508.	3.2	188
17	Time Course Global Gene Expression Analysis of an In Vivo <i>Candida</i> Biofilm. <i>Journal of Infectious Diseases</i> , 2009, 200, 307-313.	4.0	156
18	An expanded regulatory network temporally controls <i>Candida albicans</i> biofilm formation. <i>Molecular Microbiology</i> , 2015, 96, 1226-1239.	2.5	140

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19	Interface of <i>Candida albicans</i> Biofilm Matrix-Associated Drug Resistance and Cell Wall Integrity Regulation. <i>Eukaryotic Cell</i> , 2011, 10, 1660-1669.	3.4	139
20	Community participation in biofilm matrix assembly and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4092-4097.	7.1	139
21	Development and Validation of an <i>In Vivo</i> <i>Candida albicans</i> Biofilm Denture Model. <i>Infection and Immunity</i> , 2010, 78, 3650-3659.	2.2	138
22	Optimizing a <i>Candida</i> Biofilm Microtiter Plate Model for Measurement of Antifungal Susceptibility by Tetrazolium Salt Assay. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1426-1433.	3.9	127
23	The Extracellular Matrix of <i>Candida albicans</i> Biofilms Impairs Formation of Neutrophil Extracellular Traps. <i>PLoS Pathogens</i> , 2016, 12, e1005884.	4.7	105
24	The Interface between Fungal Biofilms and Innate Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1968.	4.8	98
25	Calcineurin Controls Drug Tolerance, Hyphal Growth, and Virulence in <i>Candida dubliniensis</i> . <i>Eukaryotic Cell</i> , 2011, 10, 803-819.	3.4	97
26	Emerging Fungal Pathogen <i>Candida auris</i> Evades Neutrophil Attack. <i>MBio</i> , 2018, 9, .	4.1	89
27	Peptidylarginine deiminase 2 is required for tumor necrosis factor alpha-induced citrullination and arthritis, but not neutrophil extracellular trap formation. <i>Journal of Autoimmunity</i> , 2017, 80, 39-47.	6.5	87
28	β -1,3 Glucan as a Test for Central Venous Catheter Biofilm Infection. <i>Journal of Infectious Diseases</i> , 2007, 195, 1705-1712.	4.0	85
29	Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. <i>Microbial Cell</i> , 2018, 5, 300-326.	3.2	81
30	Conserved Role for Biofilm Matrix Polysaccharides in <i>Candida auris</i> Drug Resistance. <i>MSphere</i> , 2019, 4, .	2.9	81
31	<i>Candida auris</i> Forms High-Burden Biofilms in Skin Niche Conditions and on Porcine Skin. <i>MSphere</i> , 2020, 5, .	2.9	80
32	Neutrophil extracellular traps in fungal infection. <i>Seminars in Cell and Developmental Biology</i> , 2019, 89, 47-57.	5.0	76
33	Future directions for anti-biofilm therapeutics targeting <i>Candida</i> . <i>Expert Review of Anti-Infective Therapy</i> , 2014, 12, 375-382.	4.4	71
34	Comparative analysis of <i>Candida</i> biofilm quantitation assays. <i>Medical Mycology</i> , 2012, 50, 214-218.	0.7	69
35	Impact of Antimicrobial Dosing Regimen on Evolution of Drug Resistance <i>In Vivo</i> : Fluconazole and <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2374-2383.	3.2	66
36	Lipo-chitoooligosaccharides as regulatory signals of fungal growth and development. <i>Nature Communications</i> , 2020, 11, 3897.	12.8	65

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37	Reduced Biocide Susceptibility in <i>Candida albicans</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3411-3413.	3.2	61
38	Host Contributions to Construction of Three Device-Associated <i>Candida albicans</i> Biofilms. <i>Infection and Immunity</i> , 2015, 83, 4630-4638.	2.2	58
39	Contributions of the Biofilm Matrix to <i>Candida</i> Pathogenesis. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 21.	3.5	58
40	<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.	4.7	57
41	<i>Candida auris</i> Infection and Biofilm Formation: Going Beyond the Surface. <i>Current Clinical Microbiology Reports</i> , 2020, 7, 51-56.	3.4	53
42	Conservation and Divergence in the <i>Candida</i> Species Biofilm Matrix Mannan-Glucan Complex Structure, Function, and Genetic Control. <i>MBio</i> , 2018, 9, .	4.1	52
43	Mechanisms involved in the triggering of neutrophil extracellular traps (NETs) by <i>Candida glabrata</i> during planktonic and biofilm growth. <i>Scientific Reports</i> , 2017, 7, 13065.	3.3	51
44	Insight into Neutrophil Extracellular Traps through Systematic Evaluation of Citrullination and Peptidylarginine Deiminases. <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	2.2	50
45	Fungal Biofilms: <i>In Vivo</i> Models for Discovery of Anti-Biofilm Drugs. <i>Microbiology Spectrum</i> , 2015, 3, .	3.0	49
46	An unappreciated role for neutrophil-DC hybrids in immunity to invasive fungal infections. <i>PLoS Pathogens</i> , 2018, 14, e1007073.	4.7	49
47	<i>Candida auris</i> : An emerging pathogen "œincognito". <i>PLoS Pathogens</i> , 2019, 15, e1007638.	4.7	47
48	Time Course of Microbiologic Outcome and Gene Expression in <i>Candida albicans</i> during and following <i>In Vitro</i> and <i>In Vivo</i> Exposure to Fluconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1311-1319.	3.2	43
49	How Biofilm Growth Affects <i>Candida</i> -Host Interactions. <i>Frontiers in Microbiology</i> , 2020, 11, 1437.	3.5	42
50	Coordination of fungal biofilm development by extracellular vesicle cargo. <i>Nature Communications</i> , 2021, 12, 6235.	12.8	42
51	Rat Indwelling Urinary Catheter Model of <i>Candida albicans</i> Biofilm Infection. <i>Infection and Immunity</i> , 2014, 82, 4931-4940.	2.2	38
52	The Host's Reply to <i>Candida</i> Biofilm. <i>Pathogens</i> , 2016, 5, 33.	2.8	38
53	<i>In Vivo</i> Fluconazole Pharmacodynamics and Resistance Development in a Previously Susceptible <i>Candida albicans</i> Population Examined by Microbiologic and Transcriptional Profiling. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2384-2394.	3.2	35
54	Priority effects dictate community structure and alter virulence of fungal-bacterial biofilms. <i>ISME Journal</i> , 2021, 15, 2012-2027.	9.8	34

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55	Identification and Characterization of Antifungal Compounds Using a <i>Saccharomyces cerevisiae</i> Reporter Bioassay. <i>PLoS ONE</i> , 2012, 7, e36021.	2.5	31
56	Conserved Inhibition of Neutrophil Extracellular Trap Release by Clinical <i>Candida albicans</i> Biofilms. <i>Journal of Fungi</i> (Basel, Switzerland), 2017, 3, 49.	3.5	30
57	Spleen Tyrosine Kinase Is a Critical Regulator of Neutrophil Responses to <i>Candida</i> Species. <i>MBio</i> , 2020, 11, .	4.1	25
58	<i>Candida auris</i> Cell Wall Mannosylation Contributes to Neutrophil Evasion through Pathways Divergent from <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>MSphere</i> , 2021, 6, e0040621.	2.9	23
59	Targeting Fibronectin To Disrupt In Vivo <i>Candida albicans</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3152-3155.	3.2	18
60	Modeling of Fungal Biofilms Using a Rat Central Vein Catheter. <i>Methods in Molecular Biology</i> , 2012, 845, 547-556.	0.9	17
61	Augmenting the Activity of Chlorhexidine for Decolonization of <i>Candida auris</i> from Porcine skin. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 804.	3.5	16
62	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.	3.4	15
63	Ex Vivo Human and Porcine Skin Effectively Model <i>Candida auris</i> Colonization, Differentiating Robust and Poor Fungal Colonizers. <i>Journal of Infectious Diseases</i> , 2022, 225, 1791-1795.	4.0	14
64	Application of the systematic Δ approach to create a partially defective <i>C. albicans</i> mutant. <i>Fungal Genetics and Biology</i> , 2011, 48, 1056-1061.	2.1	13
65	Echinocandin Treatment of <i>Candida albicans</i> Biofilms Enhances Neutrophil Extracellular Trap Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	12
66	<i>Blastomyces dermatitidis</i> serine protease dipeptidyl peptidase IVA (DppIVA) cleaves ELR+CXC chemokines altering their effects on neutrophils. <i>Cellular Microbiology</i> , 2017, 19, e12741.	2.1	8
67	Neutrophils From Patients With Invasive Candidiasis Are Inhibited by <i>Candida albicans</i> Biofilms. <i>Frontiers in Immunology</i> , 2020, 11, 587956.	4.8	7
68	ROSA26 mice carry a modifier of Min-induced mammary and intestinal tumor development. <i>Mammalian Genome</i> , 2000, 11, 1058-1062.	2.2	4
69	Review of techniques for diagnosis of catheter-related <i>Candida</i> biofilm infections. <i>Current Fungal Infection Reports</i> , 2008, 2, 237-243.	2.6	4
70	Fungal Biofilms: In Vivo Models for Discovery of Anti-Biofilm Drugs. , 2015, , 33-49.		3
71	Antifungals: Drug Class, Mechanisms of Action, Pharmacokinetics/Pharmacodynamics, Drug-Drug Interactions, Toxicity, and Clinical Use. , 0, , 343-371.		3
72	The Role of Biofilm Matrix in Mediating Antifungal Resistance. , 2017, , 369-384.		2

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73	Editorial: Fungal Biofilms in Infection and Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 753650.	3.9	2
74	Examining Neutrophil–Candida auris Interactions with Human Neutrophils Ex Vivo. <i>Methods in Molecular Biology</i> , 2022, , 243-250.	0.9	2
75	Imaging of the Development and Therapeutic Response of an In Vivo Fungal Catheter Biofilm. <i>Microscopy Today</i> , 2005, 13, 30-33.	0.3	0
76	970. Emerging Pathogen <i>Candida auris</i> Evades Neutrophil Attack. <i>Open Forum Infectious Diseases</i> , 2018, 5, S37-S37.	0.9	0
77	2889. Skin Niche Conditions Trigger <i>C. auris</i> to Form Robust Biofilms That Resist Desiccation. <i>Open Forum Infectious Diseases</i> , 2019, 6, S78-S78.	0.9	0
78	The Role of Biofilm Matrix in Mediating Antifungal Resistance. , 2014, , 1-14.		0