

Brian M Peters

List of Publications by Year in descending order

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79
papers

5,667
citations

81434

41
h-index

90395

73
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all docs

80
docs citations

80
times ranked

6503
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Hypothesis Testing in <i>Candida albicans</i> Clinical Isolates Using a Cloning-Free, Modular, and Recyclable System for CRISPR-Cas9 Mediated Mutant and Revertant Construction. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	7
2	Exogenous Reproductive Hormones nor <i>Candida albicans</i> Colonization Alter the Near Neutral Mouse Vaginal pH. <i>Infection and Immunity</i> , 2021, 89, .	1.0	5
3	Polymicrobial interaction between <i>Lactobacillus</i> and <i>Saccharomyces cerevisiae</i> : coexistence-relevant mechanisms. <i>Critical Reviews in Microbiology</i> , 2021, 47, 386-396.	2.7	24
4	Identification of Dual-Target Compounds with Antifungal and Anti-NLRP3 Inflammasome Activity. <i>ACS Infectious Diseases</i> , 2021, 7, 2522-2535.	1.8	2
5	Loss of Septation Initiation Network (SIN) kinases blocks tissue invasion and unlocks echinocandin activity against <i>Aspergillus fumigatus</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009806.	2.1	11
6	A variant ECE1 allele contributes to reduced pathogenicity of <i>Candida albicans</i> during vulvovaginal candidiasis. <i>PLoS Pathogens</i> , 2021, 17, e1009884.	2.1	35
7	The Interleukin (IL) 17R/IL-22R Signaling Axis Is Dispensable for Vulvovaginal Candidiasis Regardless of Estrogen Status. <i>Journal of Infectious Diseases</i> , 2020, 221, 1554-1563.	1.9	33
8	Second-Generation Antidiabetic Sulfonylureas Inhibit <i>Candida albicans</i> and Candidalysin-Mediated Activation of the NLRP3 Inflammasome. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	20
9	A stable cutaneous mycobiome exists from birth. <i>Pediatric Research</i> , 2020, 88, 153-154.	1.1	0
10	Vulvovaginal Candidiasis: A Current Understanding and Burning Questions. <i>Journal of Fungi (Basel)</i> , 2020, 6, 107-116.	1.5	156
11	Complete Sequence of a Novel Multidrug-Resistant <i>Pseudomonas putida</i> Strain Carrying Two Copies of qnrVC6. <i>Microbial Drug Resistance</i> , 2019, 25, 1-7.	0.9	9
12	Disparate <i>Candida albicans</i> Biofilm Formation in Clinical Lipid Emulsions Due to Capric Acid-Mediated Inhibition. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	10
13	Fungi form interkingdom microbial communities in the primordial human gut that develop with gestational age. <i>FASEB Journal</i> , 2019, 33, 12825-12837.	0.2	44
14	<i>Candida albicans</i> and <i>Staphylococcus aureus</i> Pathogenicity and Polymicrobial Interactions: Lessons beyond Koch's Postulates. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 81.	1.5	48
15	<i>Candida albicans</i> Augments <i>Staphylococcus aureus</i> Virulence by Engaging the Staphylococcal Quorum Sensing System. <i>MBio</i> , 2019, 10, .	1.8	63
16	Polymicrobial interaction and biofilms between <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> : an underestimated concern in food safety. <i>Current Opinion in Food Science</i> , 2019, 26, 57-64.	4.1	60
17	Biofilm Formation of <i>Staphylococcus aureus</i> under Food Heat Processing Conditions: First Report on CML Production within Biofilm. <i>Scientific Reports</i> , 2019, 9, 1312.	1.6	57
18	<i>Candida albicans</i> Impacts <i>Staphylococcus aureus</i> Alpha-Toxin Production via Extracellular Alkalinization. <i>MSphere</i> , 2019, 4, .	1.3	18

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19	Complete genomic analysis of multidrug-resistance <i>Pseudomonas aeruginosa</i> Guangzhou-Pae617, the host of megaplasmid pBM413. <i>Microbial Pathogenesis</i> , 2018, 117, 265-269.	1.3	9
20	Identification of the KPC plasmid pCT-KPC334: New insights on the evolutionary pathway of epidemic plasmids harboring <i>fosA3</i> - <i>bla</i> KPC-2 genes. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 510-511.	1.1	12
21	Microbial infection pattern, pathogenic features and resistance mechanism of carbapenem-resistant Gram negative bacilli during long-term hospitalization. <i>Microbial Pathogenesis</i> , 2018, 117, 356-360.	1.3	5
22	Complete Sequence of pCY-CTX, a Plasmid Carrying a Phage-Like Region and an ISEcp1-Mediated Tn2Element from <i>Enterobacter cloacae</i> . <i>Microbial Drug Resistance</i> , 2018, 24, 307-313.	0.9	16
23	Complete sequence of pBM413, a novel multidrug resistance megaplasmid carrying <i>qnrVC6</i> and <i>bla</i> IMP-45 from <i>pseudomonas aeruginosa</i> . <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 145-150.	1.1	55
24	Analysis of the Cariogenic Potential of Various Almond Milk Beverages using a <i>Streptococcus mutans</i> Biofilm Model in vitro. <i>Caries Research</i> , 2018, 52, 51-57.	0.9	18
25	Novel Mechanism behind the Immunopathogenesis of Vulvovaginal Candidiasis: Neutrophil Anergy, Infection and Immunity, 2018, 86, .	1.0	65
26	Candidalysin Drives Epithelial Signaling, Neutrophil Recruitment, and Immunopathology at the Vaginal Mucosa. <i>Infection and Immunity</i> , 2018, 86, .	1.0	123
27	Microbial virulence, molecular epidemiology and pathogenic factors of fluoroquinolone-resistant <i>Haemophilus influenzae</i> infections in Guangzhou, China. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2018, 17, 41.	1.7	16
28	Transcriptomics Study on <i>Staphylococcus aureus</i> Biofilm Under Low Concentration of Ampicillin. <i>Frontiers in Microbiology</i> , 2018, 9, 2413.	1.5	51
29	Comparative Analysis of the Capacity of the <i>Candida</i> Species To Elicit Vaginal Immunopathology. <i>Infection and Immunity</i> , 2018, 86, .	1.0	30
30	Induction and Recovery of the Viable but Nonculturable State of Hop-Resistance <i>Lactobacillus brevis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2076.	1.5	37
31	Loss of Upc2p-Inducible <i>ERG3</i> Transcription Is Sufficient To Confer Niche-Specific Azole Resistance without Compromising <i>Candida albicans</i> Pathogenicity. <i>MBio</i> , 2018, 9, .	1.8	15
32	Discovery and control of culturable and viable but non-culturable cells of a distinctive <i>Lactobacillus harbinensis</i> strain from spoiled beer. <i>Scientific Reports</i> , 2018, 8, 11446.	1.6	41
33	Whole-genome resequencing of <i>Bacillus cereus</i> and expression of genes functioning in sodium chloride stress. <i>Microbial Pathogenesis</i> , 2017, 104, 248-253.	1.3	29
34	Synthesis, Antifungal Activity, and Biocompatibility of Novel 1,4-Diazabicyclo[2.2.2]Octane (DABCO) Compounds and DABCO-Containing Denture Base Resins. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	13
35	Longitudinal surveillance on antibiogram of important Gram-positive pathogens in Southern China, 2001 to 2015. <i>Microbial Pathogenesis</i> , 2017, 103, 80-86.	1.3	73
36	A 16-year retrospective surveillance report on the pathogenic features and antimicrobial susceptibility of <i>Pseudomonas aeruginosa</i> isolates from FAHJU in Guangzhou representative of Southern China. <i>Microbial Pathogenesis</i> , 2017, 110, 37-41.	1.3	40

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37	Clinical features and antimicrobial resistance profiles of important Enterobacteriaceae pathogens in Guangzhou representative of Southern China, 2001–2015. <i>Microbial Pathogenesis</i> , 2017, 107, 206-211.	1.3	52
38	First study on the formation and resuscitation of viable but nonculturable state and beer spoilage capability of <i>Lactobacillus lindneri</i> . <i>Microbial Pathogenesis</i> , 2017, 107, 219-224.	1.3	54
39	An Azole-Tolerant Endosomal Trafficking Mutant of <i>Candida albicans</i> Is Susceptible to Azole Treatment in a Mouse Model of Vaginal Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	12
40	Effect of polymyxin resistance (pmr) on biofilm formation of <i>Cronobacter sakazakii</i> . <i>Microbial Pathogenesis</i> , 2017, 106, 16-19.	1.3	55
41	Study on spoilage capability and VBNC state formation and recovery of <i>Lactobacillus plantarum</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 257-261.	1.3	48
42	The viable but nonculturable state induction and genomic analyses of <i>Lactobacillus casei</i> BM-14617, a beer-spoilage bacterium. <i>MicrobiologyOpen</i> , 2017, 6, e00506.	1.2	37
43	Overexpression of <i>Candida albicans</i> Secreted Aspartyl Proteinase 2 or 5 Is Not Sufficient for Exacerbation of Immunopathology in a Murine Model of Vaginitis. <i>Infection and Immunity</i> , 2017, 85, .	1.0	11
44	<i>In Vivo</i> Indicators of Cytoplasmic, Vacuolar, and Extracellular pH Using pHluorin2 in <i>Candida albicans</i> . <i>MSphere</i> , 2017, 2, .	1.3	24
45	Viable but non-culturable state and toxin gene expression of enterohemorrhagic <i>Escherichia coli</i> O157 under cryopreservation. <i>Research in Microbiology</i> , 2017, 168, 188-193.	1.0	110
46	Complete genome sequence and bioinformatics analyses of <i>Bacillus thuringiensis</i> strain BM-BT15426. <i>Microbial Pathogenesis</i> , 2017, 108, 55-60.	1.3	23
47	<i>Candida</i> –Bacteria Interactions: Their Impact on Human Disease. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	68
48	Draft genome sequence and annotation of <i>Lactobacillus acetotolerans</i> BM-LA14527, a beer-spoilage bacteria. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw201.	0.7	45
49	Chromogenic media for MRSA diagnostics. <i>Molecular Biology Reports</i> , 2016, 43, 1205-1212.	1.0	53
50	Staphylococcal chromosomal cassettes mec (SCCmec): A mobile genetic element in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2016, 101, 56-67.	1.3	197
51	Transcriptomic analysis on the formation of the viable putative non-culturable state of beer-spoilage <i>Lactobacillus acetotolerans</i> . <i>Scientific Reports</i> , 2016, 6, 36753.	1.6	74
52	First report of novel genetic array aacA4 - bla IMP-25 - oxa30 - catB3 and identification of novel metallo- β -lactamase gene bla IMP25 : A Retrospective Study of antibiotic resistance surveillance on <i>Pseudomonas aeruginosa</i> in Guangzhou of South China, 2003–2007. <i>Microbial Pathogenesis</i> , 2016, 95, 62-67.	1.3	46
53	Polymicrobial Biofilm Studies: from Basic Science to Biofilm Control. <i>Current Oral Health Reports</i> , 2016, 3, 36-44.	0.5	28
54	Morphology-Independent Virulence of <i>Candida</i> Species during Polymicrobial Intra-abdominal Infections with <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2016, 84, 90-98.	1.0	50

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55	A Murine Model of <i>Candida glabrata</i> Vaginitis Shows No Evidence of an Inflammatory Immunopathogenic Response. <i>PLoS ONE</i> , 2016, 11, e0147969.	1.1	30
56	An Optimized Lock Solution Containing Micafungin, Ethanol and Doxycycline Inhibits <i>Candida albicans</i> and Mixed <i>C. albicans</i> – <i>Staphylococcus aureus</i> Biofilms. <i>PLoS ONE</i> , 2016, 11, e0159225.	1.1	14
57	<i>ERG2</i> and <i>ERG24</i> Are Required for Normal Vacuolar Physiology as Well as <i>Candida albicans</i> Pathogenicity in a Murine Model of Disseminated but Not Vaginal Candidiasis. <i>Eukaryotic Cell</i> , 2015, 14, 1006-1016.	3.4	22
58	Transcriptomic Analysis of Vulvovaginal Candidiasis Identifies a Role for the NLRP3 Inflammasome. <i>MBio</i> , 2015, 6, .	1.8	114
59	Clinical Implications of Oral Candidiasis: Host Tissue Damage and Disseminated Bacterial Disease. <i>Infection and Immunity</i> , 2015, 83, 604-613.	1.0	73
60	Antimicrobial Resistance Investigation on <i>Staphylococcus</i> Strains in a Local Hospital in Guangzhou, China, 2001–2010. <i>Microbial Drug Resistance</i> , 2015, 21, 102-104.	0.9	65
61	Systemic <i>Staphylococcus aureus</i> infection mediated by <i>Candida albicans</i> hyphal invasion of mucosal tissue. <i>Microbiology (United Kingdom)</i> , 2015, 161, 168-181.	0.7	209
62	Fungal Morphogenetic Pathways Are Required for the Hallmark Inflammatory Response during <i>Candida albicans</i> Vaginitis. <i>Infection and Immunity</i> , 2014, 82, 532-543.	1.0	147
63	<i>Candida</i> Vaginitis: When Opportunism Knocks, the Host Responds. <i>PLoS Pathogens</i> , 2014, 10, e1003965.	2.1	104
64	Vaginal Epithelial Cell-Derived S100 Alarmins Induced by <i>Candida albicans</i> via Pattern Recognition Receptor Interactions Are Sufficient but Not Necessary for the Acute Neutrophil Response during Experimental Vaginal Candidiasis. <i>Infection and Immunity</i> , 2014, 82, 783-792.	1.0	50
65	Morphogenesis Is Not Required for <i>Candida albicans</i> - <i>Staphylococcus aureus</i> Intra-Abdominal Infection-Mediated Dissemination and Lethal Sepsis. <i>Infection and Immunity</i> , 2014, 82, 3426-3435.	1.0	54
66	Efficacy of Ethanol against <i>Candida albicans</i> and <i>Staphylococcus aureus</i> Polymicrobial Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 74-82.	1.4	98
67	<i>Candida albicans</i> - <i>Staphylococcus aureus</i> Polymicrobial Peritonitis Modulates Host Innate Immunity. <i>Infection and Immunity</i> , 2013, 81, 2178-2189.	1.0	135
68	Polymicrobial Interactions: Impact on Pathogenesis and Human Disease. <i>Clinical Microbiology Reviews</i> , 2012, 25, 193-213.	5.7	582
69	Development and application of loop-mediated isothermal amplification assays on rapid detection of various types of staphylococci strains. <i>Food Research International</i> , 2012, 47, 166-173.	2.9	129
70	<i>Staphylococcus aureus</i> adherence to <i>Candida albicans</i> hyphae is mediated by the hyphal adhesin Als3p. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2975-2986.	0.7	188
71	Farnesol-Induced Apoptosis in <i>Candida albicans</i> Is Mediated by Cdr1-p Extrusion and Depletion of Intracellular Glutathione. <i>PLoS ONE</i> , 2011, 6, e28830.	1.1	63
72	Protection of the oral mucosa by salivary histatin-5 against <i>Candida albicans</i> in an ex vivo murine model of oral infection. <i>FEMS Yeast Research</i> , 2010, 10, no-no.	1.1	23

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73	Microbial interactions and differential protein expression in <i>Staphylococcus aureus</i> – <i>Candida albicans</i> dual-species biofilms. <i>FEMS Immunology and Medical Microbiology</i> , 2010, 59, 493-503.	2.7	246
74	Antimicrobial Peptides: Primeval Molecules or Future Drugs?. <i>PLoS Pathogens</i> , 2010, 6, e1001067.	2.1	344
75	First report of class 2 integron in clinical <i>Enterococcus faecalis</i> and class 1 integron in <i>Enterococcus faecium</i> in South China. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010, 68, 315-317.	0.8	95
76	Farnesol-Induced Apoptosis in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2392-2401.	1.4	210
77	Cross-kingdom interactions: <i>Candida albicans</i> and bacteria. <i>FEMS Microbiology Letters</i> , 2009, 299, 1-8.	0.7	362
78	Farnesol, a Fungal Quorum-Sensing Molecule Triggers Apoptosis in Human Oral Squamous Carcinoma Cells. <i>Neoplasia</i> , 2008, 10, 954-963.	2.3	70
79	<i>Candida</i> -Bacteria Interactions: Their Impact on Human Disease. , 0, , 103-136.		3