David N Fredricks

List of Publications by Year
in descending order

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106 papers	8,787 citations	71061 41 h-index	45285 90 g-index
110 all docs	110 docs citations	110 times ranked	8243 citing authors

#	Article	IF	Citations
1	Vaginal and Extra-Vaginal Bacterial Colonization and Risk for Incident Bacterial Vaginosis in a Population of Women Who Have Sex With Men. Journal of Infectious Diseases, 2022, 225, 1261-1265.	1.9	10
2	Diagnosis of infectious diseases in immunocompromised hosts using metagenomic next generation sequencing-based diagnostics. Blood Reviews, 2022, 53, 100906.	2.8	17
3	Associations Between Vaginal Bacteria and Bacterial Vaginosis Signs and Symptoms: A Comparative Study of Kenyan and American Women. Frontiers in Cellular and Infection Microbiology, 2022, 12, 801770.	1.8	9
4	Impact of Topical Interventions on the Vaginal Microbiota and Metabolome in Postmenopausal Women. JAMA Network Open, 2022, 5, e225032.	2.8	10
5	Urethral Microbiota in Men: Association of Haemophilus influenzae and Mycoplasma penetrans With Nongonococcal Urethritis. Clinical Infectious Diseases, 2021, 73, e1684-e1693.	2.9	35
6	COVID-19â€"Lessons Learned and Questions Remaining. Clinical Infectious Diseases, 2021, 72, 2225-2240.	2.9	54
7	Bacterial Communities Associated With Abnormal Nugent Score in Postmenopausal Versus Premenopausal Women. Journal of Infectious Diseases, 2021, 223, 2048-2052.	1.9	7
8	Evidence in Microbiome Science: Standards for the Field (and Laboratory). Clinical Infectious Diseases, 2021, 72, 1514-1516.	2.9	2
9	Association Between Vaginal Bacterial Microbiota and Vaginal Yeast Colonization. Journal of Infectious Diseases, 2021, 223, 914-923.	1.9	10
10	Genetic Variation in Toll-Like Receptor 5 and Colonization with Flagellated Bacterial Vaginosis-Associated Bacteria. Infection and Immunity, 2021, 89, .	1.0	3
11	Differences in Vaginal Microbiota, Host Transcriptome, and Proteins in Women With Bacterial Vaginosis Are Associated With Metronidazole Treatment Response. Journal of Infectious Diseases, 2021, 224, 2094-2104.	1.9	10
12	Association between postmenopausal vulvovaginal discomfort, vaginal microbiota, and mucosal inflammation. American Journal of Obstetrics and Gynecology, 2021, 225, 159.e1-159.e15.	0.7	18
13	Vaginal Bacteria and Risk of Incident and Persistent Infection With High-Risk Subtypes of Human Papillomavirus: A Cohort Study Among Kenyan Women. Sexually Transmitted Diseases, 2021, 48, 499-507.	0.8	6
14	Influence of Intramuscular Depot Medroxyprogesterone Acetate Initiation on Vaginal Microbiota in the Postpartum Period. Clinical Infectious Diseases, 2021, 72, e1093-e1102.	2.9	6
15	Associations between vaginal bacteria implicated in HIV acquisition risk and proinflammatory cytokines and chemokines. Sexually Transmitted Infections, 2020, 96, 3-9.	0.8	21
16	Presence and Concentrations of Select Bacterial Vaginosis-Associated Bacteria Are Associated With Increased Risk of Pelvic Inflammatory Disease. Sexually Transmitted Diseases, 2020, 47, 344-346.	0.8	18
17	Vaginal Microbiota and Mucosal Immune Markers in Women With Vulvovaginal Discomfort. Sexually Transmitted Diseases, 2020, 47, 269-274.	0.8	13
18	Changes in key vaginal bacteria among postpartum African women initiating intramuscular depot-medroxyprogesterone acetate. PLoS ONE, 2020, 15, e0229586.	1.1	13

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19	Mechanisms of Endogenous HIV-1 Reactivation by Endocervical Epithelial Cells. Journal of Virology, 2020, 94, .	1.5	9
20	Complementing 16S rRNA Gene Amplicon Sequencing with Total Bacterial Load To Infer Absolute Species Concentrations in the Vaginal Microbiome. MSystems, 2020, 5, .	1.7	44
21	Impact of preconception vaginal microbiota on womenâ€™s risk of spontaneous preterm birth: protocol for a prospective case-cohort study. BMJ Open, 2020, 10, e035186.	0.8	16
22	Tenofovir disoproxil fumarate intravaginal ring for HIV pre-exposure prophylaxis in sexually active women: a phase 1, single-blind, randomised, controlled trial. Lancet HIV,the, 2019, 6, e498-e508.	2.1	35
23	Specific Vaginal Bacteria Are Associated With an Increased Risk of Trichomonas vaginalis Acquisition in Women. Journal of Infectious Diseases, 2019, 220, 1503-1510.	1.9	20
24	Stability of Chlamydia trachomatis RNA after long-term biobank storage. Sexually Transmitted Infections, 2019, 95, 551-551.	0.8	2
25	Optimizing bacterial DNA extraction in urine. PLoS ONE, 2019, 14, e0222962.	1.1	21
26	Association between vaginal washing and detection of Lactobacillus by culture and quantitative PCR in HIV-seronegative Kenyan women: a cross-sectional analysis. Sexually Transmitted Infections, 2019, 95, 455-461.	0.8	12
27	Association between vaginal washing and vaginal bacterial concentrations. PLoS ONE, 2019, 14, e0210825.	1.1	21
28	Butyrogenic bacteria after acute graft-versus-host disease (GVHD) are associated with the development of steroid-refractory GVHD. Blood Advances, 2019, 3, 2866-2869.	2.5	40
29	Human gut microbiota is associated with HIV-reactive immunoglobulin at baseline and following HIV vaccination. PLoS ONE, 2019, 14, e0225622.	1.1	20
30	Resolution of Symptoms and Resumption of Sex After Diagnosis of Nongonococcal Urethritis Among Men Who Have Sex With Men. Sexually Transmitted Diseases, 2019, 46, 676-682.	0.8	7
31	Primary Syphilis in the Male Urethra: A Case Report. Clinical Infectious Diseases, 2019, 68, 1231-1234.	2.9	8
32	The Evolving Facets of Bacterial Vaginosis: Implications for HIV Transmission. AIDS Research and Human Retroviruses, 2019, 35, 219-228.	0.5	188
33	Cross-sectional study of urethral exposures at last sexual episode associated with non-gonococcal urethritis among STD clinic patients. Sexually Transmitted Infections, 2019, 95, 212-218.	0.8	9
34	Parallel detection of lactobacillus and bacterial vaginosis-associated bacterial DNA in the chorioamnion and vagina of pregnant women at term. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 2702-2710.	0.7	38
35	Megasphaera lornae sp. nov., Megasphaera hutchinsoni sp. nov., and Megasphaera vaginalis sp. nov.: novel bacteria isolated from the female genital tract. International Journal of Systematic and Evolutionary Microbiology, 2019, 71, .	0.8	26
36	The gut microbiota and graft-versus-host disease. Journal of Clinical Investigation, 2019, 129, 1808-1817.	3.9	67

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37	Evaluation of the association between the concentrations of key vaginal bacteria and the increased risk of HIV acquisition in African women from five cohorts: a nested case-control study. Lancet Infectious Diseases, The, 2018, 18, 554-564.	4.6	175
38	Graft-Derived Reconstitution of Mucosal-Associated Invariant T Cells after Allogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2018, 24, 242-251.	2.0	70
39	Associations between improvement in genitourinary symptoms of menopause and changes in the vaginal ecosystem. Menopause, 2018, 25, 500-507.	0.8	28
40	Antibiotic Exposure Prior to Respiratory Viral Infection Is Associated with Progression to Lower Respiratory Tract Disease in Allogeneic Hematopoietic Cell Transplant Recipients. Biology of Blood and Marrow Transplantation, 2018, 24, 2293-2301.	2.0	25
41	Impact of Intestinal Microbiota on Reconstitution of Mucosal-Associated Invariant T Cells after Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2018, 132, 3393-3393.	0.6	1
42	Disseminated coccidioidomycosis presenting with intramedullary spinal cord abscesses: Management challenges. Medical Mycology Case Reports, 2017, 15, 1-4.	0.7	16
43	Stool Microbiota at Neutrophil Recovery Is Predictive for Severe Acute Graft vs Host Disease After Hematopoietic Cell Transplantation. Clinical Infectious Diseases, 2017, 65, 1984-1991.	2.9	147
44	Efficacy of oral pre-exposure prophylaxis (PrEP) for HIV among women with abnormal vaginal microbiota: a post-hoc analysis of the randomised, placebo-controlled Partners PrEP Study. Lancet HIV,the, 2017, 4, e449-e456.	2.1	44
45	Evaluation of Posaconazole Serum Concentrations from Delayed-Release Tablets in Patients at High Risk for Fungal Infections. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	27
46	Semen Bacterial Concentrations and HIV-1 RNA Shedding Among HIV-1â€“Seropositive Kenyan Men. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 74, 250-257.	0.9	7
47	Vaginal microbiota and genitourinary menopausal symptoms: a cross-sectional analysis. Menopause, 2017, 24, 1160-1166.	0.8	62
48	Seasonal clustering of sinopulmonary mucormycosis in patients with hematologic malignancies at a large comprehensive cancer center. Antimicrobial Resistance and Infection Control, 2017, 6, 123.	1.5	23
49	Evaluating the accuracy of amplicon-based microbiome computational pipelines on simulated human gut microbial communities. BMC Bioinformatics, 2017, 18, 283.	1.2	51
50	Serum Concentrations of Posaconazole (PCZ) With Delayed-Release Tablets (DRT) in High-Risk Patients. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
51	Human Microbiome Dynamics: Causality Detection With Convergent Cross Mapping. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
52	A phase 1 randomized placebo-controlled safety and pharmacokinetic trial of a tenofovir disoproxil fumarate vaginal ring. Aids, 2016, 30, 743-751.	1.0	27
53	Impact of periodic presumptive treatment for bacterial vaginosis on the vaginal microbiome among women participating in the Preventing Vaginal Infections trial. Journal of Infectious Diseases, 2016, 215, jiw622.	1.9	27
54	Metabolic Model-Based Integration of Microbiome Taxonomic and Metabolomic Profiles Elucidates Mechanistic Links between Ecological and Metabolic Variation. MSystems, 2016, 1, .	1.7	167

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55	More Easily Cultivated Than Identified: Classical Isolation With Molecular Identification of Vaginal Bacteria. Journal of Infectious Diseases, 2016, 214, S21-S28.	1.9	30
56	Changes in Vaginal Microbiota and Immune Mediators in HIV-1-Seronegative Kenyan Women Initiating Depot Medroxyprogesterone Acetate. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 71, 359-366.	0.9	40
57	Isavuconazole treatment for mucormycosis: a single-arm open-label trial and case-control analysis. Lancet Infectious Diseases, The, 2016, 16, 828-837.	4.6	528
58	Idiopathic pneumonia syndrome after hematopoietic cell transplantation: evidence of occult infectious etiologies. Blood, 2015, 125, 3789-3797.	0.6	137
59	Relationship of Specific Bacteria in the Cervical and Vaginal Microbiotas With Cervicitis. Sexually Transmitted Diseases, 2015, 42, 475-481.	0.8	33
60	Metabolic Signatures of Bacterial Vaginosis. MBio, 2015, 6, .	1.8	230
61	Colonization of the upper genital tract by vaginal bacterial species in nonpregnant women. American Journal of Obstetrics and Gynecology, 2015, 212, 611.e1-611.e9.	0.7	259
62	Rapid and Profound Shifts in the Vaginal Microbiota Following Antibiotic Treatment for Bacterial Vaginosis. Journal of Infectious Diseases, 2015, 212, 793-802.	1.9	94
63	First Trimester Levels of BV-Associated Bacteria and Risk of Miscarriage Among Women Early in Pregnancy. Maternal and Child Health Journal, 2015, 19, 2682-2687.	0.7	35
64	Mageeibacillus indolicus gen. nov., sp. nov.: A novel bacterium isolated from the female genital tract. Anaerobe, 2015, 32, 37-42.	1.0	42
65	Bacterial Vaginosis-Associated Bacteria. , 2015, , 1487-1496.		2
66	Early Pregnancy Changes in Bacterial Vaginosisâ€Associated Bacteria and Preterm Delivery. Paediatric and Perinatal Epidemiology, 2014, 28, 88-96.	0.8	91
67	Associations between vaginal bacteria and levels of vaginal defensins in pregnant women. American Journal of Obstetrics and Gynecology, 2013, 208, 132.e1-132.e7.	0.7	30
68	Bacterial Vaginosisâ€“Associated Bacteria in Men. Sexually Transmitted Diseases, 2013, 40, 944-949.	0.8	56
69	Relationship of Selected Bacterial Vaginosisâ€“Associated Bacteria to Nugent Score Bacterial Vaginosis Among Urban Women Early in Pregnancy. Sexually Transmitted Diseases, 2013, 40, 721-723.	0.8	11
70	More Than Meets the Eye: Associations of Vaginal Bacteria with Gram Stain Morphotypes Using Molecular Phylogenetic Analysis. PLoS ONE, 2013, 8, e78633.	1.1	67
71	Extravaginal Reservoirs of Vaginal Bacteria as Risk Factors for Incident Bacterial Vaginosis. Journal of Infectious Diseases, 2012, 205, 1580-1588.	1.9	96
72	Bacterial Communities in Women with Bacterial Vaginosis: High Resolution Phylogenetic Analyses Reveal Relationships of Microbiota to Clinical Criteria. PLoS ONE, 2012, 7, e37818.	1.1	545

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73	Behavioral Predictors of Colonization withLactobacillus crispatusorLactobacillus jenseniiafter Treatment for Bacterial Vaginosis: A Cohort Study. Infectious Diseases in Obstetrics and Gynecology, 2012, 2012, 1-6.	0.4	34
74	Effect of Sexual Debut on Vaginal Microbiota in a Cohort of Young Women. Obstetrics and Gynecology, 2012, 120, 1306-1313.	1.2	36
75	Enhanced fungal DNA-extraction from formalin-fixed, paraffin-embedded tissue specimens by application of thermal energy. Medical Mycology, 2012, 50, 667-672.	0.3	24
76	Detection of hydrogen peroxide-producing Lactobacillus species in the vagina: a comparison of culture and quantitative PCR among HIV-1 seropositive women. BMC Infectious Diseases, 2012, 12, 188.	1.3	22
77	Tissue Diagnosis of Invasive Fungal Infections: Current Limitations and the Emerging Use of Molecular Techniques. Current Fungal Infection Reports, 2012, 6, 221-228.	0.9	3
78	Altered Biomarkers of Mucosal Immunity and Reduced Vaginal Lactobacillus Concentrations in Sexually Active Female Adolescents. PLoS ONE, 2012, 7, e40415.	1.1	37
79	Lactobacillus Proteins Are Associated with the Bactericidal Activity against E. coli of Female Genital Tract Secretions. PLoS ONE, 2012, 7, e49506.	1.1	56
80	Phase I Randomized Safety Study of Twice Daily Dosing of Acidform Vaginal Gel: Candidate Antimicrobial Contraceptive. PLoS ONE, 2012, 7, e46901.	1.1	26
81	Randomized, Placebo-Controlled Phase 2 Trial of a Lactobacillus crispatus Probiotic Given Intravaginally for Prevention of Recurrent Urinary Tract Infection. Clinical Infectious Diseases, 2011, 52, 1212-1217.	2.9	376
82	Molecular methods to describe the spectrum and dynamics of the vaginal microbiota. Anaerobe, 2011, 17, 191-195.	1.0	76
83	Comparison of quantitative real time PCR with Sequencing and ribosomal RNA-FISH for the identification of fungi in Formalin fixed, paraffin-embedded tissue specimens. BMC Infectious Diseases, 2011, 11, 202.	1.3	83
84	Effects of Bacterial Vaginosis-Associated Bacteria and Sexual Intercourse on Vaginal Colonization With the Probiotic Lactobacillus crispatus CTV-05. Sexually Transmitted Diseases, 2011, 38, 1020-1027.	0.8	52
85	Temporal Variability of Human Vaginal Bacteria and Relationship with Bacterial Vaginosis. PLoS ONE, 2010, 5, e10197.	1.1	363
86	Risks for Acquisition of Bacterial Vaginosis Among Women Who Report Sex with Women: A Cohort Study. PLoS ONE, 2010, 5, e11139.	1.1	82
87	Preterm labor and bacterial vaginosis-associated bacteria among urban women. Journal of Perinatal Medicine, 2009, 37, 130-4.	0.6	51
88	Changes in Vaginal Bacterial Concentrations with Intravaginal Metronidazole Therapy for Bacterial Vaginosis as Assessed by Quantitative PCR. Journal of Clinical Microbiology, 2009, 47, 721-726.	1.8	141
89	Comparison of oral and vaginal metronidazole for treatment of bacterial vaginosis in pregnancy: impact on fastidious bacteria. BMC Infectious Diseases, 2009, 9, 89.	1.3	39
90	Sequencing and Analysis of Fungal rRNA Operons for Development of Broad-Range Fungal PCR Assays. Applied and Environmental Microbiology, 2009, 75, 1559-1565.	1.4	91

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91	PCR-based diagnosis of human fungal infections. Expert Review of Anti-Infective Therapy, 2009, 7, 1201-1221.	2.0	140
92	Development and optimization of quantitative PCR for the diagnosis of invasive aspergillosis with bronchoalveolar lavage fluid. BMC Infectious Diseases, 2008, 8, 73.	1.3	119
93	Diversity of Human Vaginal Bacterial Communities and Associations with Clinically Defined Bacterial Vaginosis. Applied and Environmental Microbiology, 2008, 74, 4898-4909.	1.4	230
94	Relationship of Specific Vaginal Bacteria and Bacterial Vaginosis Treatment Failure in Women Who Have Sex with Women. Annals of Internal Medicine, 2008, 149, 20.	2.0	146
95	The Human Vaginal Bacterial Biota and Bacterial Vaginosis. Interdisciplinary Perspectives on Infectious Diseases, 2008, 2008, 1-22.	0.6	185
96	Targeted PCR for Detection of Vaginal Bacteria Associated with Bacterial Vaginosis. Journal of Clinical Microbiology, 2007, 45, 3270-3276.	1.8	328
97	Molecular Mycology and Emerging Fungal Pathogens. Infectious Disease and Therapy, 2007, , 375-394.	0.0	1
98	Molecular methodology in determining vaginal flora in health and disease: Its time has come. Current Infectious Disease Reports, 2005, 7, 463-470.	1.3	58
99	Molecular Identification of an Invasive Gingival Bacterial Community. Clinical Infectious Diseases, 2005, 41, e1-e4.	2.9	19
100	Comparison of Six DNA Extraction Methods for Recovery of Fungal DNA as Assessed by Quantitative PCR. Journal of Clinical Microbiology, 2005, 43, 5122-5128.	1.8	231
101	Molecular Identification of Bacteria Associated with Bacterial Vaginosis. New England Journal of Medicine, 2005, 353, 1899-1911.	13.9	1,080
102	Breakthrough Fungal Infections in Stem Cell Transplant Recipients Receiving Voriconazole. Clinical Infectious Diseases, 2004, 39, 743-746.	2.9	395
103	Human Herpesvirus 8 and Sarcoidosis. Clinical Infectious Diseases, 2002, 34, 559-560.	2.9	10
104	Paraffin Removal from Tissue Sections for Digestion and PCR Analysis. BioTechniques, 1999, 26, 198-200.	0.8	60
105	PCR Analysis of T. Whippelii DNA in a Case of Whipple's Disease: Effect of Antibiotics and Correlation With Histology. American Journal of Gastroenterology, 1998, 93, 1579-1582.	0.2	21
106	Sequence-Based Methods for Investigating Intestinal Microbes. , 0, , 113-119.		0