

# Rebecca Brotman

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

9,956  
citations

125106

35  
h-index

71088

80  
g-index

115  
all docs

115  
docs citations

115  
times ranked

9696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum antibodies to surface proteins of <i>Chlamydia trachomatis</i> as candidate biomarkers of disease: results from the Baltimore Chlamydia Adolescent/Young Adult Reproductive Management (CHARM) cohort. <i>FEMS Microbes</i> , 2022, 3, .	0.8	3
2	Clinical and Personal Lubricants Impact the Growth of Vaginal Lactobacillus Species and Colonization of Vaginal Epithelial Cells: An in Vitro Study. <i>Sexually Transmitted Diseases</i> , 2021, 48, 63-70.	0.8	11
3	Biogenic Amines Increase the Odds of Bacterial Vaginosis and Affect the Growth of and Lactic Acid Production by Vaginal <i>Lactobacillus</i> spp.. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	24
4	Association of Vaginal Microbiota With Signs and Symptoms of the Genitourinary Syndrome of Menopause Across Reproductive Stages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1542-1550.	1.7	25
5	Observational cohort study of the effect of a single lubricant exposure during transvaginal ultrasound on cell-shedding from the vaginal epithelium. <i>PLoS ONE</i> , 2021, 16, e0250153.	1.1	3
6	Perceived Stress and Molecular Bacterial Vaginosis in the National Institutes of Health Longitudinal Study of Vaginal Flora. <i>American Journal of Epidemiology</i> , 2021, 190, 2374-2383.	1.6	8
7	Assessing the Concordance Between Urogenital and Vaginal Microbiota: Can Urine Specimens Be Used as a Proxy for Vaginal Samples?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 671413.	1.8	9
8	Bacterial Vaginosis and Behavioral Factors Associated With Incident Pelvic Inflammatory Disease in the Longitudinal Study of Vaginal Flora. <i>Journal of Infectious Diseases</i> , 2021, 224, S137-S144.	1.9	11
9	Using Innovation to Address Adolescent and Young Adult Health Disparities in Pelvic Inflammatory Disease: Design of the Technology Enhanced Community Health Precision Nursing (TECH-PN) Trial. <i>Journal of Infectious Diseases</i> , 2021, 224, S145-S151.	1.9	2
10	Vaginal cytokine profile and microbiota before and after lubricant use compared with condomless vaginal sex: a preliminary observational study. <i>BMC Infectious Diseases</i> , 2021, 21, 973.	1.3	4
11	Vaginal microbiota of American Indian women and associations with measures of psychosocial stress. <i>PLoS ONE</i> , 2021, 16, e0260813.	1.1	8
12	Nonoptimal Vaginal Microbiota After Azithromycin Treatment for <i>Chlamydia trachomatis</i> Infection. <i>Journal of Infectious Diseases</i> , 2020, 221, 627-635.	1.9	33
13	The vaginal metabolome and microbiota of cervical HPV-positive and HPV-negative women: a cross-sectional analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 182-192.	1.1	86
14	VALENCIA: a nearest centroid classification method for vaginal microbial communities based on composition. <i>Microbiome</i> , 2020, 8, 166.	4.9	177
15	Bacterial vaginosis diagnosis and treatment in postmenopausal women: a survey of clinician practices. <i>Menopause</i> , 2020, 27, 679-683.	0.8	4
16	Risk and protective factors associated with BV chronicity among women in Rakai, Uganda. <i>Sexually Transmitted Infections</i> , 2020, 96, 380-386.	0.8	2
17	Authors' reply re: The vaginal metabolome and microbiota of cervical HPV-positive and HPV-negative women: a cross-sectional analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 773-774.	1.1	5
18	Asymptomatic Bacterial Vaginosis Is Associated With Depletion of Mature Superficial Cells Shed From the Vaginal Epithelium. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 106.	1.8	17

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19	A comprehensive non-redundant gene catalog reveals extensive within-community intraspecies diversity in the human vagina. <i>Nature Communications</i> , 2020, 11, 940.	5.8	86
20	The association of <i>Chlamydia trachomatis</i> and <i>Mycoplasma genitalium</i> infection with the vaginal metabolome. <i>Scientific Reports</i> , 2020, 10, 3420.	1.6	23
21	Dietary macronutrient intake and molecular-bacterial vaginosis: Role of fiber. <i>Clinical Nutrition</i> , 2020, 39, 3066-3071.	2.3	16
22	Comparative Metagenome-Assembled Genome Analysis of <i>Candidatus Lachnocurva vaginae</i> , Formerly Known as Bacterial Vaginosis-Associated Bacterium 1 (BVAB1). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 117.	1.8	49
23	A cross-sectional pilot study of birth mode and vaginal microbiota in reproductive-age women. <i>PLoS ONE</i> , 2020, 15, e0228574.	1.1	8
24	Association of Vaginal Microbiota With the Genitourinary Syndrome of Menopause Across Reproductive Stages. <i>Innovation in Aging</i> , 2020, 4, 171-171.	0.0	1
25	A cross-sectional pilot study of birth mode and vaginal microbiota in reproductive-age women. , 2020, 15, e0228574.		0
26	A cross-sectional pilot study of birth mode and vaginal microbiota in reproductive-age women. , 2020, 15, e0228574.		0
27	A cross-sectional pilot study of birth mode and vaginal microbiota in reproductive-age women. , 2020, 15, e0228574.		0
28	A cross-sectional pilot study of birth mode and vaginal microbiota in reproductive-age women. , 2020, 15, e0228574.		0
29	The Cervicovaginal Microbiota-Host Interaction Modulates <i>Chlamydia trachomatis</i> Infection. <i>MBio</i> , 2019, 10, .	1.8	107
30	<i>Chlamydia</i> in adolescent/adult reproductive management trial study (CHARM): Clinical core protocol. <i>Contemporary Clinical Trials Communications</i> , 2019, 16, 100414.	0.5	4
31	Associations between dietary micronutrient intake and molecular-Bacterial Vaginosis. <i>Reproductive Health</i> , 2019, 16, 151.	1.2	27
32	Personal and Clinical Vaginal Lubricants: Impact on Local Vaginal Microenvironment and Implications for Epithelial Cell Host Response and Barrier Function. <i>Journal of Infectious Diseases</i> , 2019, 220, 2009-2018.	1.9	29
33	Ultrahigh-Throughput Multiplexing and Sequencing of >500-Base-Pair Amplicon Regions on the Illumina HiSeq 2500 Platform. <i>MSystems</i> , 2019, 4, .	1.7	104
34	Perceived stress and incident sexually transmitted infections in a prospective cohort. <i>Annals of Epidemiology</i> , 2019, 32, 20-27.	0.9	17
35	P227...Perceived stress and socioeconomic factors associated with vaginal microbiota in the longitudinal study of vaginal flora. , 2019, , .		0
36	P590...Vaginal microbiota and douching cessation: a crossover pilot study. , 2019, , .		0

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37	P591â€¦The effect of hormonal contraception on the vaginal microbiota over 2 years. , 2019, , .		2
38	P592â€¦Microbiota concordance between mid-vaginal swabs and both clean- and random-catch urine samples. , 2019, , .		1
39	S11.3â€¦The vaginal microenvironment prior to incident STI. , 2019, , .		2
40	P593â€¦A cross-sectional study of birth mode and vaginal microbiota in reproductive-age women. , 2019, , .		0
41	P374â€¦Overlap between amselâ€™s criteria, nugentâ€™s gram stain score, and vaginal microbiota community state types. , 2019, , .		0
42	Stress and smoking are major correlates of disparate rates of molecular bacterial vaginosis among American Indian women. American Journal of Obstetrics and Gynecology, 2019, 221, 698.	0.7	0
43	Patterns in On-time, Daily Submission of a Short Web-Based Personal Behavior Survey in a Longitudinal Women's Health Study. Sexually Transmitted Diseases, 2019, 46, e80-e82.	0.8	4
44	Clinicians' Use of Intravaginal Boric Acid Maintenance Therapy for Recurrent Vulvovaginal Candidiasis and Bacterial Vaginosis. Sexually Transmitted Diseases, 2019, 46, 810-812.	0.8	17
45	The Vaginal Microbiota and Behavioral Factors Associated With Genital Candida albicans Detection in Reproductive-Age Women. Sexually Transmitted Diseases, 2019, 46, 753-758.	0.8	29
46	Differential sexual network connectivity offers a parsimonious explanation for population-level variations in the prevalence of bacterial vaginosis: a data-driven, model-supported hypothesis. BMC Women's Health, 2019, 19, 8.	0.8	11
47	Higher Levels of a Cytotoxic Protein, Vaginolysin, in Lactobacillus-Deficient Community State Types at the Vaginal Mucosa. Sexually Transmitted Diseases, 2018, 45, e14-e17.	0.8	20
48	Cigarette smoking is associated with an altered vaginal tract metabolomic profile. Scientific Reports, 2018, 8, 852.	1.6	84
49	Association between bacterial vaginosis and partner concurrency: a longitudinal study. Sexually Transmitted Infections, 2018, 94, 75-77.	0.8	18
50	Vaginal immunologic profiles before and after lubricant use and condomless vaginal sex. American Journal of Obstetrics and Gynecology, 2018, 219, 652.	0.7	0
51	Clinical and personal lubricants alter cell viability, cytotoxicity and mucin production in human vaginal epithelial cell culture models. American Journal of Obstetrics and Gynecology, 2018, 219, 638.	0.7	1
52	Vaginal metabolomic signatures distinguish chlamydia mono-infected, chlamydia trachomatis/mycoplasma genitalium co-infected and un-infected women. American Journal of Obstetrics and Gynecology, 2018, 219, 643.	0.7	0
53	HPV is associated with an altered metabolomic profile in the vaginal tract. American Journal of Obstetrics and Gynecology, 2018, 219, 636.	0.7	0
54	The vaginal microbiota and behavioral factors associated with genital candida albicans detection in reproductive-age women. American Journal of Obstetrics and Gynecology, 2018, 219, 649.	0.7	0

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55	Treatment of bacterial vaginosis to prevent preterm birth. <i>Lancet, The</i> , 2018, 392, 2141-2142.	6.3	19
56	Association between the vaginal microbiota, menopause status, and signs of vulvovaginal atrophy. <i>Menopause</i> , 2018, 25, 1321-1330.	0.8	63
57	The role of sexual networks in studies of how BV and STIs increase the risk of subsequent reinfection. <i>Epidemiology and Infection</i> , 2018, 146, 2003-2009.	1.0	12
58	Phthalate exposure and odds of bacterial vaginosis among U.S. reproductive-aged women, NHANES 2001-2004. <i>Reproductive Toxicology</i> , 2018, 82, 1-9.	1.3	10
59	O10.4-...Concordance between random catch urine and mid-vaginal microbiota. , 2017, , .		0
60	P1.27-...Hpv is associated with an altered metabolomic profile in the vaginal tract. , 2017, , .		0
61	Does Active Oral Sex Contribute to Female Infertility?. <i>Journal of Infectious Diseases</i> , 2017, 216, 932-935.	1.9	36
62	O06.4-...Higher levels of a cytotoxic protein, vaginolysin, in lactobacillus-deficient community state types in the vaginal mucosa. , 2017, , .		0
63	Incident <i>Trichomonas vaginalis</i> Is Associated With Partnership Concurrence: A Longitudinal Cohort Study. <i>Sexually Transmitted Diseases</i> , 2017, 44, 695-699.	0.8	7
64	P2.34-...Does oral sex cause female infertility?. , 2017, , .		0
65	Prevalent high-risk HPV infection and vaginal microbiota in Nigerian women. <i>Epidemiology and Infection</i> , 2016, 144, 123-137.	1.0	104
66	Translating the vaginal microbiome: gaps and challenges. <i>Genome Medicine</i> , 2016, 8, 35.	3.6	81
67	Intricacies of assessing the human microbiome in epidemiologic studies. <i>Annals of Epidemiology</i> , 2016, 26, 311-321.	0.9	46
68	O13.5-...Association between dietary intake and dysbiotic vaginal microbiota. <i>Sexually Transmitted Infections</i> , 2015, 91, A54.2-A55.	0.8	0
69	O13.2-...Hormonal contraception is associated with stability and <i>lactobacillus</i> -dominance of the vaginal microbiota in a two-year observational study. <i>Sexually Transmitted Infections</i> , 2015, 91, A53.2-A53.	0.8	1
70	O13.6-...Cigarette smoking is associated with an altered metabolic profile in the vaginal tract. <i>Sexually Transmitted Infections</i> , 2015, 91, A55.1-A55.	0.8	0
71	Vaginal biogenic amines: biomarkers of bacterial vaginosis or precursors to vaginal dysbiosis?. <i>Frontiers in Physiology</i> , 2015, 6, 253.	1.3	114
72	Making inroads into improving treatment of bacterial vaginosis - striving for long-term cure. <i>BMC Infectious Diseases</i> , 2015, 15, 292.	1.3	75

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73	Reproductive Tract Infections in Women. , 2015, , 313-335.		1
74	Association between cigarette smoking and the vaginal microbiota: a pilot study. BMC Infectious Diseases, 2014, 14, 471.	1.3	107
75	Interplay Between the Temporal Dynamics of the Vaginal Microbiota and Human Papillomavirus Detection. Journal of Infectious Diseases, 2014, 210, 1723-1733.	1.9	292
76	Characterizing the Temporal Dynamics of Human Papillomavirus DNA Detectability Using Short-Interval Sampling. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 200-208.	1.1	31
77	Association between the vaginal microbiota, menopause status, and signs of vulvovaginal atrophy. Menopause, 2014, 21, 450-458.	0.8	296
78	An improved dual-indexing approach for multiplexed 16S rRNA gene sequencing on the Illumina MiSeq platform. Microbiome, 2014, 2, 6.	4.9	1,454
79	Microbiome, sex hormones, and immune responses in the reproductive tract: Challenges for vaccine development against sexually transmitted infections. Vaccine, 2014, 32, 1543-1552.	1.7	86
80	Daily temporal dynamics of vaginal microbiota before, during and after episodes of bacterial vaginosis. Microbiome, 2013, 1, 29.	4.9	258
81	Menstrual Cycle and Detectable Human Papillomavirus in Reproductive-age Women: A Time Series Study. Journal of Infectious Diseases, 2013, 208, 1404-1415.	1.9	14
82	O05.4â€¦Association Between Chlamydia Trachomatis Genital Infection and the Vaginal Microbiome. Sexually Transmitted Infections, 2013, 89, A35.2-A35.	0.8	3
83	P1.034â€¦Biomarkers of Cigarette Smoking and Association with the Vaginal Microbiota. Sexually Transmitted Infections, 2013, 89, A84.2-A84.	0.8	0
84	O05.5â€¦A Longitudinal Study of the Vaginal Microbiota and HPV Detection. Sexually Transmitted Infections, 2013, 89, A36.1-A36.	0.8	0
85	P1.030â€¦A Molecular Study of Vaginal Bacterial Communities and Candida Albicans Detection. Sexually Transmitted Infections, 2013, 89, A83.1-A83.	0.8	0
86	Association Between Trichomonas vaginalis and Vaginal Bacterial Community Composition Among Reproductive-Age Women. Sexually Transmitted Diseases, 2012, 39, 807-812.	0.8	138
87	Comparison of Storage Conditions for Human Vaginal Microbiome Studies. PLoS ONE, 2012, 7, e36934.	1.1	59
88	Temporal Dynamics of the Human Vaginal Microbiota. Science Translational Medicine, 2012, 4, 132ra52.	5.8	1,168
89	Vaginal microbiome and sexually transmitted infections: an epidemiologic perspective. Journal of Clinical Investigation, 2011, 121, 4610-4617.	3.9	201
90	Vaginal microbiome of reproductive-age women. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4680-4687.	3.3	2,985

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91	A case control study of anovaginal distance and bacterial vaginosis. International Journal of STD and AIDS, 2011, 22, 231-233.	0.5	4
92	Race of Male Sex Partners and Occurrence of Bacterial Vaginosis. Sexually Transmitted Diseases, 2010, 37, 184-190.	0.8	18
93	Effect of Menses on Clearance of Y-Chromosome in Vaginal Fluid: Implications for a Biomarker of Recent Sexual Activity. Sexually Transmitted Diseases, 2010, 37, 1-4.	0.8	55
94	Personal Hygienic Behaviors and Bacterial Vaginosis. Sexually Transmitted Diseases, 2010, 37, 94-99.	0.8	66
95	Bacterial Vaginosis Assessed by Gram Stain and Diminished Colonization Resistance to Incident Gonococcal, Chlamydial, and Trichomonal Genital Infection. Journal of Infectious Diseases, 2010, 202, 1907-1915.	1.9	344
96	Recent Advances in Understanding the Microbiology of the Female Reproductive Tract and the Causes of Premature Birth. Infectious Diseases in Obstetrics and Gynecology, 2010, 2010, 1-10.	0.4	70
97	Comparison of Self-Collected and Physician-Collected Vaginal Swabs for Microbiome Analysis. Journal of Clinical Microbiology, 2010, 48, 1741-1748.	1.8	104
98	Rapid fluctuation of the vaginal microbiota measured by Gram stain analysis. Sexually Transmitted Infections, 2010, 86, 297-302.	0.8	136
99	Hormonal contraception and risk of bacterial vaginosis diagnosis in an observational study of women attending STD clinics in Baltimore, MD. Contraception, 2009, 80, 63-67.	0.8	37
100	The effect of vaginal douching cessation on bacterial vaginosis: a pilot study. American Journal of Obstetrics and Gynecology, 2008, 198, 628.e1-628.e7.	0.7	68
101	Why Do Women Douche? A Longitudinal Study with Two Analytic Approaches. Annals of Epidemiology, 2008, 18, 65-73.	0.9	22
102	A Longitudinal Study of Vaginal Douching and Bacterial Vaginosis--A Marginal Structural Modeling Analysis. American Journal of Epidemiology, 2008, 168, 188-196.	1.6	153
103	<i>Editorial Commentary:</i> Ready or Not: The Molecular Diagnosis of Bacterial Vaginosis. Clinical Infectious Diseases, 2008, 47, 44-46.	2.9	17
104	Findings Associated with Recurrence of Bacterial Vaginosis among Adolescents Attending Sexually Transmitted Diseases Clinics. Journal of Pediatric and Adolescent Gynecology, 2007, 20, 225-231.	0.3	35
105	Longitudinal Patterns of Vaginal Douching among Women in Alabama. American Journal of Epidemiology, 2006, 163, S147-S147.	1.6	0
106	A Pilot Study of Vaginal Flora Changes With Randomization to Cessation of Douching. Sexually Transmitted Diseases, 2006, 33, 610-613.	0.8	14
107	Concurrent Sexually Transmitted Infections (STIs) in Sex Partners of Patients with Selected STIs: Implications for Patient-Delivered Partner Therapy. Clinical Infectious Diseases, 2005, 40, 787-793.	2.9	45
108	Douching cessation and molecular bacterial vaginosis: a reanalysis of archived specimens. Sexually Transmitted Infections, 0, , sextrans-2022-055459.	0.8	0