

Ann E Jerse

List of Publications by Year in descending order

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53
papers

2,066
citations

279798

23
h-index

254184

43
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55
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55
docs citations

55
times ranked

1483
citing authors

#	ARTICLE	IF	CITATIONS
1	A Gonococcal Efflux Pump System Enhances Bacterial Survival in a Female Mouse Model of Genital Tract Infection. <i>Infection and Immunity</i> , 2003, 71, 5576-5582.	2.2	186
2	Clinically relevant mutations that cause derepression of the <i>Neisseria gonorrhoeae</i> MtrC-MtrD-MtrE Efflux pump system confer different levels of antimicrobial resistance and in vivo fitness. <i>Molecular Microbiology</i> , 2008, 70, 462-478.	2.5	185
3	Experimental Gonococcal Genital Tract Infection and Opacity Protein Expression in Estradiol-Treated Mice. <i>Infection and Immunity</i> , 1999, 67, 5699-5708.	2.2	184
4	<i>Neisseria gonorrhoeae</i> : Drug Resistance, Mouse Models, and Vaccine Development. <i>Annual Review of Microbiology</i> , 2017, 71, 665-686.	7.3	166
5	Estradiol-Treated Female Mice as Surrogate Hosts for <i>Neisseria gonorrhoeae</i> Genital Tract Infections. <i>Frontiers in Microbiology</i> , 2011, 2, 107.	3.5	117
6	Vaccines against gonorrhea: Current status and future challenges. <i>Vaccine</i> , 2014, 32, 1579-1587.	3.8	93
7	Vaccines for Gonorrhea: Can We Rise to the Challenge?. <i>Frontiers in Microbiology</i> , 2011, 2, 124.	3.5	83
8	Proteomics-driven Antigen Discovery for Development of Vaccines Against Gonorrhea. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2338-2355.	3.8	82
9	Local and humoral immune responses against primary and repeat <i>Neisseria gonorrhoeae</i> genital tract infections of 17 β -estradiol-treated mice. <i>Vaccine</i> , 2008, 26, 5741-5751.	3.8	73
10	Lipid A's Structure Mediates <i>Neisseria gonorrhoeae</i> Fitness during Experimental Infection of Mice and Men. <i>MBio</i> , 2013, 4, e00892-13.	4.1	56
11	Commensal <i>Neisseria</i> Kill <i>Neisseria gonorrhoeae</i> through a DNA-Dependent Mechanism. <i>Cell Host and Microbe</i> , 2019, 26, 228-239.e8.	11.0	52
12	In Vivo -Selected Compensatory Mutations Restore the Fitness Cost of Mosaic penA Alleles That Confer Ceftriaxone Resistance in <i>Neisseria gonorrhoeae</i> . <i>MBio</i> , 2018, 9, .	4.1	51
13	Growth of <i>Neisseria gonorrhoeae</i> in the Female Mouse Genital Tract Does Not Require the Gonococcal Transferrin or Hemoglobin Receptors and May Be Enhanced by Commensal Lactobacilli. <i>Infection and Immunity</i> , 2002, 70, 2549-2558.	2.2	50
14	Progress Toward a Gonococcal Vaccine: The Way Forward. <i>Frontiers in Immunology</i> , 2019, 10, 2417.	4.8	49
15	The serogroup B meningococcal outer membrane vesicle-based vaccine 4CMenB induces cross-species protection against <i>Neisseria gonorrhoeae</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008602.	4.7	49
16	Vaccine research for gonococcal infections: where are we?. <i>Sexually Transmitted Infections</i> , 2013, 89, iv63-iv68.	1.9	46
17	Identification of a new OmpA-like protein in <i>Neisseria gonorrhoeae</i> involved in the binding to human epithelial cells and in vivo colonization. <i>Molecular Microbiology</i> , 2007, 64, 1391-1403.	2.5	40
18	<i>Neisseria gonorrhoeae</i> MlaA influences gonococcal virulence and membrane vesicle production. <i>PLoS Pathogens</i> , 2019, 15, e1007385.	4.7	40

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19	Alanine 501 Mutations in Penicillin-Binding Protein 2 from <i>Neisseria gonorrhoeae</i> : Structure, Mechanism, and Effects on Cephalosporin Resistance and Biological Fitness. <i>Biochemistry</i> , 2017, 56, 1140-1150.	2.5	39
20	Summary and Recommendations from the National Institute of Allergy and Infectious Diseases (NIAID) Workshop "Gonorrhea Vaccines: the Way Forward". <i>Vaccine Journal</i> , 2016, 23, 656-663.	3.1	34
21	Biological feasibility and importance of a gonorrhea vaccine for global public health. <i>Vaccine</i> , 2019, 37, 7419-7426.	3.8	34
22	Pharmacokinetic Data Are Predictive of <i>In Vivo</i> Efficacy for Cefixime and Ceftriaxone against Susceptible and Resistant <i>Neisseria gonorrhoeae</i> Strains in the Gonorrhea Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	33
23	SliC is a surface-displayed lipoprotein that is required for the anti-lysozyme strategy during <i>Neisseria gonorrhoeae</i> infection. <i>PLoS Pathogens</i> , 2018, 14, e1007081.	4.7	30
24	Advancing vaccine development for gonorrhoea and the Global STI Vaccine Roadmap. <i>Sexual Health</i> , 2019, 16, 426.	0.9	26
25	Phenotypic and Genotypic Analyses of <i>Neisseria gonorrhoeae</i> Isolates That Express Frequently Recovered PorB PIA Variable Region Types Suggest that Certain P1a Porin Sequences Confer a Selective Advantage for Urogenital Tract Infection. <i>Infection and Immunity</i> , 2008, 76, 3700-3709.	2.2	24
26	A novel gonorrhea vaccine composed of MetQ lipoprotein formulated with CpG shortens experimental murine infection. <i>Vaccine</i> , 2020, 38, 8175-8184.	3.8	24
27	Phase-Variable Expression of <i>IptA</i> Modulates the Resistance of <i>Neisseria gonorrhoeae</i> to Cationic Antimicrobial Peptides. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4230-4233.	3.2	21
28	trans-Translation inhibitors bind to a novel site on the ribosome and clear <i>Neisseria gonorrhoeae</i> in vivo. <i>Nature Communications</i> , 2021, 12, 1799.	12.8	20
29	Antibacterial activity of resazurin-based compounds against <i>Neisseria gonorrhoeae</i> in vitro and in vivo. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 367-372.	2.5	18
30	Could Dampening Expression of the <i>Neisseria gonorrhoeae</i> <i>mtrCDE</i> -Encoded Efflux Pump Be a Strategy To Preserve Currently or Resurrect Formerly Used Antibiotics To Treat Gonorrhea?. <i>MBio</i> , 2019, 10, .	4.1	18
31	Planning for a Gonococcal Vaccine: A Narrative Review of Vaccine Development and Public Health Implications. <i>Sexually Transmitted Diseases</i> , 2021, 48, 453-457.	1.7	18
32	Both <i>MisR</i> (<i>CpxR</i>) and <i>MisS</i> (<i>CpxA</i>) Are Required for <i>Neisseria gonorrhoeae</i> Infection in a Murine Model of Lower Genital Tract Infection. <i>Infection and Immunity</i> , 2017, 85, .	2.2	16
33	Meningococcal Detoxified Outer Membrane Vesicle Vaccines Enhance Gonococcal Clearance in a Murine Infection Model. <i>Journal of Infectious Diseases</i> , 2022, 225, 650-660.	4.0	15
34	Control of <i>gdhR</i> Expression in <i>Neisseria gonorrhoeae</i> via Autoregulation and a Master Repressor (<i>MtrR</i>) of a Drug Efflux Pump Operon. <i>MBio</i> , 2017, 8, .	4.1	14
35	Overproduction of the <i>MtrCDE</i> Efflux Pump in <i>Neisseria gonorrhoeae</i> Produces Unexpected Changes in Cellular Transcription Patterns. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 724-726.	3.2	13
36	Deletion of major porins from meningococcal outer membrane vesicle vaccines enhances reactivity against heterologous serogroup B <i>Neisseria meningitidis</i> strains. <i>Vaccine</i> , 2020, 38, 2396-2405.	3.8	11

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37	Expanded Sexually Transmitted Infection Surveillance Efforts in the United States Military: A Time for Action. <i>Military Medicine</i> , 2013, 178, 1271-1280.	0.8	10
38	Preclinical Testing of Vaccines and Therapeutics for Gonorrhea in Female Mouse Models of Lower and Upper Reproductive Tract Infection. <i>Journal of Infectious Diseases</i> , 2021, 224, S152-S160.	4.0	8
39	<i>In Vitro</i> Susceptibility of <i>Neisseria gonorrhoeae</i> Strains to Mupirocin, an Antibiotic Reformulated for Parenteral Administration in Nanoliposomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	7
40	Molecular Features of Cephalosporins Important for Activity against Antimicrobial-Resistant <i>Neisseria gonorrhoeae</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 293-308.	3.8	7
41	Lipid-Modified Azurin of <i>Neisseria gonorrhoeae</i> Is Not Surface Exposed and Does Not Interact With the Nitrite Reductase AniA. <i>Frontiers in Microbiology</i> , 2018, 9, 2915.	3.5	4
42	<i>cis</i> - and <i>trans</i> -Acting Factors Influence Expression of the <i>norM</i> -Encoded Efflux Pump of <i>Neisseria gonorrhoeae</i> and Levels of Gonococcal Susceptibility to Substrate Antimicrobials. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	4
43	A Single Amino Acid Substitution in Elongation Factor G Can Confer Low-Level Gentamicin Resistance in <i>Neisseria gonorrhoeae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0025122.	3.2	4
44	Editorial: Immunity to <i>Neisseria gonorrhoeae</i> . <i>Frontiers in Immunology</i> , 2020, 11, 1375.	4.8	3
45	Biomedical Response to <i>Neisseria gonorrhoeae</i> and Other Sexually Transmitted Infections in the US Military. <i>Military Medicine</i> , 2019, 184, 51-58.	0.8	2
46	Role of Phase and Antigenic Variation in <i>Neisseria gonorrhoeae</i> Colonization. , 0, , 325-350.		2
47	Gonococcal Resistance in a Population of At-Risk United States (U.S.) Department of Defense (DoD) Beneficiaries. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
48	<i>Neisseria gonorrhoeae</i> : Adaptation and Survival in the Urogenital Tract. , 0, , 199-227.		0
49	Direct Inoculation and Human Transferrin Supplementation Increases the Survivability of <i>Neisseria gonorrhoeae</i> in the Upper Reproductive Tract of Estrogen-Treated Female BALB/c Mice. <i>FASEB Journal</i> , 2018, 32, lb591.	0.5	0
50	Title is missing!. , 2020, 16, e1008602.		0
51	Title is missing!. , 2020, 16, e1008602.		0
52	Title is missing!. , 2020, 16, e1008602.		0
53	Title is missing!. , 2020, 16, e1008602.		0