Toni Darville

List of Publications by Year
in descending order

95 papers	4,122 citations	109321 35 h-index	123424 61 g-index
97 all docs	97 docs citations	97 times ranked	3450 citing authors

#	Article	IF	Citations
1	Pathogenesis of Genital Tract Disease Due toChlamydia trachomatis. Journal of Infectious Diseases, 2010, 201, 114-125.	4.0	298
2	Toll-Like Receptor-2, but Not Toll-Like Receptor-4, Is Essential for Development of Oviduct Pathology in Chlamydial Genital Tract Infection. Journal of Immunology, 2003, 171, 6187-6197.	0.8	272
3	Plasmid-Deficient Chlamydia muridarum Fail to Induce Immune Pathology and Protect against Oviduct Disease. Journal of Immunology, 2007, 179, 4027-4034.	0.8	185
4	Chlamydia trachomatis Infections in Neonates and Young Children. Seminars in Pediatric Infectious Diseases, 2005, 16, 235-244.	1.7	156
5	Inhibition of Chlamydial Infectious Activity due to P2X7R-Dependent Phospholipase D Activation. Immunity, 2003, 19, 403-412.	14.3	155
6	Stimulation of the cytosolic receptor for peptidoglycan, Nod1, by infection with Chlamydia trachomatis or Chlamydia muridarum. Cellular Microbiology, 2006, 8, 1047-1057.	2.1	128
7	Does Bacterial Vaginosis Cause Pelvic Inflammatory Disease?. Sexually Transmitted Diseases, 2013, 40, 117-122.	1.7	125
8	Recruitment of BAD by the Chlamydia trachomatis Vacuole Correlates with Host-Cell Survival. PLoS Pathogens, 2006, 2, e45.	4.7	106
9	Role of Neutrophils in IL-17â€“Dependent Immunity to Mucosal Candidiasis. Journal of Immunology, 2014, 192, 1745-1752.	0.8	104
10	Stimulator of IFN Gene Is Critical for Induction of IFN-Î² during Chlamydia muridarum Infection. Journal of Immunology, 2010, 184, 2551-2560.	0.8	103
11	Interleukin-17 Contributes to Generation of Th1 Immunity and Neutrophil Recruitment duringChlamydia muridarumGenital Tract Infection but Is Not Required for Macrophage Influx or Normal Resolution of Infection. Infection and Immunity, 2011, 79, 1349-1362.	2.2	103
12	Early Local Cytokine Profiles in Strains of Mice with Different Outcomes from Chlamydial Genital Tract Infection. Infection and Immunity, 2001, 69, 3556-3561.	2.2	99
13	Type I Interferon Signaling Exacerbates Chlamydia muridarum Genital Infection in a Murine Model. Infection and Immunity, 2008, 76, 4642-4648.	2.2	98
14	Toll-Like Receptor 2 Activation by Chlamydia trachomatis Is Plasmid Dependent, and Plasmid-Responsive Chromosomal Loci Are Coordinately Regulated in Response to Glucose Limitation by C. trachomatis but Not by C. muridarum. Infection and Immunity, 2011, 79, 1044-1056.	2.2	96
15	Chlamydia trachomatisInduces Expression of IFN-Î³-Inducible Protein 10 and IFN-Î² Independent of TLR2 and TLR4, but Largely Dependent on MyD88. Journal of Immunology, 2005, 175, 450-460.	0.8	87
16	Critical Role for Interleukin-1Î² (IL-1Î²) duringChlamydia muridarumGenital Infection and Bacterial Replication-Independent Secretion of IL-1Î² in Mouse Macrophages. Infection and Immunity, 2009, 77, 5334-5346.	2.2	85
17	Blastomycosis in Children. Clinical Infectious Diseases, 1996, 22, 496-502.	5.8	83
18	Infective endocarditis in Arkansan children from 1990 through 2002. Pediatric Infectious Disease Journal, 2003, 22, 1048-1052.	2.0	78

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19	Pregnancy and fertility-related adverse outcomes associated withChlamydia trachomatisinfection: a global systematic review and meta-analysis. Sexually Transmitted Infections, 2020, 96, 322-329.	1.9	66
20	Effect of Chlamydia trachomatis Infection and Subsequent Tumor Necrosis Factor Alpha Secretion on Apoptosis in the Murine Genital Tract. Infection and Immunity, 2000, 68, 2237-2244.	2.2	62
21	Variants in Toll-like Receptor 1 and 4 Genes Are Associated With Chlamydia trachomatis Among Women With Pelvic Inflammatory Disease. Journal of Infectious Diseases, 2012, 205, 603-609.	4.0	60
22	A Role for Interleukin-6 in Host Defense against MurineChlamydia trachomatisInfection. Infection and Immunity, 1998, 66, 4564-4567.	2.2	60
23	Effect of the Purinergic Receptor P2X7onChlamydiaInfection in Cervical Epithelial Cells and Vaginally Infected Mice. Journal of Immunology, 2007, 179, 3707-3714.	0.8	59
24	Enhanced Neutrophil Longevity and Recruitment Contribute to the Severity of Oviduct Pathology during Chlamydia muridarum Infection. Infection and Immunity, 2011, 79, 4029-4041.	2.2	56
25	The systemic inflammatory response syndrome (SIRS): Immunology and potential immunotherapy. Infection, 1993, 21, 279-290.	4.7	55
26	Mouse Strain-Dependent Chemokine Regulation of the Genital Tract T Helper Cell Type 1 Immune Response. Infection and Immunity, 2001, 69, 7419-7424.	2.2	52
27	Status of vaccine research and development of vaccines for Chlamydia trachomatis infection. Vaccine, 2019, 37, 7289-7294.	3.8	52
28	Infectivity Acts asIn VivoSelection for Maintenance of the Chlamydial Cryptic Plasmid. Infection and Immunity, 2011, 79, 98-107.	2.2	48
29	Characterization of Chlamydial Genital Infection Resulting from Sexual Transmission from Male to Female Guinea Pigs and Determination of Infectious Dose. Infection and Immunity, 2003, 71, 6148-6154.	2.2	47
30	MANAGEMENT OF ACUTE HEMATOGENOUS OSTEOMYELITIS IN CHILDREN. Pediatric Infectious Disease Journal, 2004, 23, 255-257.	2.0	45
31	MyD88 Deficiency Leads to Decreased NK Cell Gamma Interferon Production and T Cell Recruitment duringChlamydia muridarumGenital Tract Infection, but a Predominant Th1 Response and Enhanced Monocytic Inflammation Are Associated with Infection Resolution. Infection and Immunity, 2011, 79, 486-498.	2.2	45
32	Analysis of Factors Driving Incident and Ascending Infection and the Role of Serum Antibody inChlamydia trachomatisGenital Tract Infection. Journal of Infectious Diseases, 2016, 213, 523-531.	4.0	45
33	Role of Proapoptotic BAX in Propagation of Chlamydia muridarum (the Mouse Pneumonitis Strain of) Tj ETQq1 1 0.784314 rgBT /Overlo 278, 9496-9502.	3.4	43
34	A Randomized Controlled Trial of Ceftriaxone and Doxycycline, With or Without Metronidazole, for the Treatment of Acute Pelvic Inflammatory Disease. Clinical Infectious Diseases, 2021, 72, 1181-1189.	5.8	43
35	National Institute of Allergy and Infectious Diseases workshop report: â€œChlamydia vaccines: The way forwardâ€• Vaccine, 2019, 37, 7346-7354.	3.8	39
36	Comparable Genital Tract Infection, Pathology, and Immunity in Rhesus Macaques Inoculated with Wild-Type or Plasmid-Deficient Chlamydia trachomatis Serovar D. Infection and Immunity, 2015, 83, 4056-4067.	2.2	38

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37	Does Inhibition of Tumor Necrosis Factor Alpha Affect Chlamydial Genital Tract Infection in Mice and Guinea Pigs?. Infection and Immunity, 2000, 68, 5299-5305.	2.2	36
38	Identification ofChlamydia trachomatisAntigens Recognized by T Cells From Highly Exposed Women Who Limit or Resist Genital Tract Infection. Journal of Infectious Diseases, 2016, 214, 1884-1892.	4.0	34
39	Cervical Cytokines Associated With Chlamydia trachomatis Susceptibility and Protection. Journal of Infectious Diseases, 2019, 220, 330-339.	4.0	32
40	Cell death, BAX activation, and HMGB1 release during infection with. Microbes and Infection, 2004, 6, 1145-1155.	1.9	31
41	<scp>IL</scp>â€23 Induces <scp>IL</scp>â€22 and <scp>IL</scp>â€17 Production in Response to <scp>C</scp>hlamydia muridarum Genital Tract Infection, but the Absence of these Cytokines does not Influence Disease Pathogenesis. American Journal of Reproductive Immunology, 2013, 70, 472-484.	1.2	31
42	Plasmid-Cured Chlamydia caviae Activates TLR2-Dependent Signaling and Retains Virulence in the Guinea Pig Model of Genital Tract Infection. PLoS ONE, 2012, 7, e30747.	2.5	31
43	The Recall Response Induced by Genital Challenge with Chlamydia muridarum Protects the Oviduct from Pathology but Not from Reinfection. Infection and Immunity, 2012, 80, 2194-2203.	2.2	30
44	Recognition and Treatment of Chlamydial Infections from Birth to Adolescence. Advances in Experimental Medicine and Biology, 2013, 764, 109-122.	1.6	29
45	Pelvic Inflammatory Disease Due to Neisseria gonorrhoeae and Chlamydia trachomatis: Immune Evasion Mechanisms and Pathogenic Disease Pathways. Journal of Infectious Diseases, 2021, 224, S39-S46.	4.0	28
46	Chlamydia trachomatis: Protective Adaptive Responses and Prospects for a Vaccine. Current Topics in Microbiology and Immunology, 2016, 412, 217-237.	1.1	27
47	Trichomonas vaginalis, endometritis and sequelae among women with clinically suspected pelvic inflammatory disease. Sexually Transmitted Infections, 2020, 96, 436-438.	1.9	27
48	Nonadherence With Pediatric Human Immunodeficiency Virus Therapy as Medical Neglect. Pediatrics, 2004, 114, e346-e353.	2.1	24
49	Frequency of Chlamydia trachomatis-specific T cell interferon-Î³ and interleukin-17 responses in CD4-enriched peripheral blood mononuclear cells of sexually active adolescent females. Journal of Reproductive Immunology, 2014, 103, 29-37.	1.9	24
50	ORIGINAL ARTICLE: The Combination of the Gastrointestinal Integrin (Î±4Î²7) and Selectin Ligand Enhances Tâ€Cell Migration to the Reproductive Tract During Infection with Chlamydia trachomatis. American Journal of Reproductive Immunology, 2009, 61, 446-452.	1.2	23
51	Inhibition of Apoptosis by Gamma Interferon in Cells and Mice Infected with Chlamydia muridarum (the) Tj ETQq1 1 0.784314 rgBT /Ove	2.2	22
52	Microbial Correlates of Delayed Care for Pelvic Inflammatory Disease. Sexually Transmitted Diseases, 2011, 38, 434-438.	1.7	22
53	Pelvic Inflammatory Disease. Sexually Transmitted Diseases, 2013, 40, 761-767.	1.7	22
54	Antiâ€chlamydia IgG and IgA are insufficient to prevent endometrial chlamydia infection in women, and increased antiâ€chlamydia IgG is associated with enhanced risk for incident infection. American Journal of Reproductive Immunology, 2019, 81, e13103.	1.2	21

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55	Susceptibility of endometrial isolates recovered from women with clinical pelvic inflammatory disease or histological endometritis to antimicrobial agents. Anaerobe, 2019, 56, 61-65.	2.1	20
56	Chlamydia trachomatis infection may increase the risk of preeclampsia. Pregnancy Hypertension, 2013, 3, 28-33.	1.4	19
57	A Chlamydia-Specific TCR-Transgenic Mouse Demonstrates Th1 Polyfunctionality with Enhanced Effector Function. Journal of Immunology, 2017, 199, 2845-2854.	0.8	18
58	T Cell-Independent Gamma Interferon and B Cells Cooperate To Prevent Mortality Associated with Disseminated Chlamydia muridarum Genital Tract Infection. Infection and Immunity, 2018, 86, .	2.2	18
59	Whole-Exome Sequencing to Identify Novel Biological Pathways Associated With Infertility After Pelvic Inflammatory Disease. Sexually Transmitted Diseases, 2017, 44, 36-42.	1.7	17
60	Risk factors for Mycoplasma genitalium endometritis and incident infection: a secondary data analysis of the T cell Response Against Chlamydia (TRAC) Study. Sexually Transmitted Infections, 2018, 94, 414-420.	1.9	16
61	Comprehensive Molecular Serology of Human Chlamydia trachomatis Infections by Peptide Enzyme-Linked Immunosorbent Assays. MSphere, 2018, 3, .	2.9	16
62	CD4+ T Cell Expression of MyD88 Is Essential for Normal Resolution of Chlamydia muridarum Genital Tract Infection. Journal of Immunology, 2013, 191, 4269-4279.	0.8	15
63	Discovery of Blood Transcriptional Endotypes in Women with Pelvic Inflammatory Disease. Journal of Immunology, 2018, 200, 2941-2956.	0.8	15
64	Gene Expression Signatures Can Aid Diagnosis of Sexually Transmitted Infection-Induced Endometritis in Women. Frontiers in Cellular and Infection Microbiology, 2018, 8, 307.	3.9	15
65	DETECTION OF HAEMOPHILUS INFLUENZAE TYPE B ANTIGEN IN CEREBROSPINAL FLUID AFTER IMMUNIZATION. Pediatric Infectious Disease Journal, 1992, 11, 243.	2.0	14
66	Human Fallopian Tube Epithelial Cell Culture Model To Study Host Responses to Chlamydia trachomatis Infection. Infection and Immunity, 2020, 88, .	2.2	14
67	Discovery of Human-Specific Immunodominant Chlamydia trachomatis B Cell Epitopes. MSphere, 2018, 3, .	2.9	13
68	Relationship between Intracranial Granulomas and Cerebrospinal Fluid Levels of Gamma Interferon and Interleukin-10 in Patients with Tuberculous Meningitis. Vaccine Journal, 2005, 12, 363-365.	3.1	12
69	Cross-sectional analysis of Toll-like receptor variants and bacterial vaginosis in Africanâ€“American women with pelvic inflammatory disease: TableÂ1. Sexually Transmitted Infections, 2014, 90, 563-566.	1.9	12
70	Can Chlamydia Be Stopped?. Scientific American, 2005, 292, 72-79.	1.0	11
71	Single Dose Pharmacokinetics of Cefpodoxime Proxetil in Infants and Children. Drug Investigation, 1994, 7, 221-233.	0.6	9
72	Mixed Chlamydia trachomatis Peptide Antigens Provide a Specific and Sensitive Single-Well Colorimetric Enzyme-Linked Immunosorbent Assay for Detection of Human Anti - C. trachomatis Antibodies. MSphere, 2018, 3, .	2.9	9

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73	IL-1Î± Is Essential for Oviduct Pathology during Genital Chlamydial Infection in Mice. Journal of Immunology, 2020, 205, 3037-3049.	0.8	9
74	Impact of Immunization Against Haemophilus influenzae Type b (HIB) on the Incidence of HIB Meningitis Treated at Arkansas ChildrenÊ¼s Hospital. Southern Medical Journal, 1994, 87, 38-40.	0.7	7
75	Inferring Regulatory Networks From Mixed Observational Data Using Directed Acyclic Graphs. Frontiers in Genetics, 2020, 11, 8.	2.3	7
76	Mucosal Vaccination with UV-Inactivated Chlamydia suis in Pre-Exposed Outbred Pigs Decreases Pathogen Load and Induces CD4 T-Cell Maturation into IFN-Î³+ Effector Memory Cells. Vaccines, 2020, 8, 353.	4.4	7
77	Generalized multiâ€ŠSNP mediation intersectionâ€“union test. Biometrics, 2022, 78, 364-375.	1.4	7
78	Simultaneous profiling of sexually transmitted bacterial pathogens, microbiome, and concordant host response in cervical samples using whole transcriptome sequencing analysis. Microbial Cell, 2019, 6, 177-183.	3.2	7
79	Imipenem and meropenem. Seminars in Pediatric Infectious Diseases, 1999, 10, 38-44.	1.7	5
80	First genital chlamydia vaccine enters in-human clinical trial. Lancet Infectious Diseases, The, 2019, 19, 1039-1040.	9.1	5
81	Reduced Endometrial Ascension and Enhanced Reinfection Associated With Immunoglobulin G Antibodies to Specific Chlamydia trachomatis Proteins in Women at Risk for Chlamydia. Journal of Infectious Diseases, 2022, 225, 846-855.	4.0	5
82	Protection against Chlamydia trachomatis infection in vitro and modulation of inflammatory response in vivo by membrane-bound glycosaminoglycans. Microbes and Infection, 2004, 6, 369-376.	1.9	4
83	Semi-CAM: A semi-supervised deconvolution method for bulk transcriptomic data with partial marker gene information. Scientific Reports, 2020, 10, 5434.	3.3	4
84	Host Genetic Risk Factors for Chlamydia trachomatis-Related Infertility in Women. Journal of Infectious Diseases, 2021, 224, S64-S71.	4.0	4
85	Steroids Alone or as Adjunctive Therapy with Doxycycline Fail To Improve Oviduct Damage in Mice Infected with Chlamydia muridarum. Vaccine Journal, 2014, 21, 824-830.	3.1	3
86	Reduced Uterine Tissue Damage during Chlamydia muridarum Infection in TREM-1,3-Deficient Mice. Infection and Immunity, 2021, 89, e0007221.	2.2	2
87	Diagnosis and Management of Uncomplicated Chlamydia trachomatis Infections in Adolescents and Adults: Summary of Evidence Reviewed for the 2021 Centers for Disease Control and Prevention Sexually Transmitted Infections Treatment Guidelines. Clinical Infectious Diseases, 2022, 74, S112-S126.	5.8	2
88	Sexually Transmitted Infections and the Urgent Need for Vaccines: A Review of Four Major Bacterial STI Pathogens. , 2020, , 625-647.		1
89	Hostâ€“Pathogen Interactions of Chlamydia trachomatis in Porcine Oviduct Epithelial Cells. Pathogens, 2021, 10, 1270.	2.8	1
90	Decomposition of Variation of Mixed Variables by a Latent Mixed Gaussian Copula Model. Biometrics, 2023, 79, 1187-1200.	1.4	1

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91	Chlamydia Immunopathogenesis. , 0, , 240-264.		0
92	The Cephalosporin Antibiotics. Pediatrics in Review, 1994, 15, 54-62.	0.4	0
93	Chlamydia. Pediatrics in Review, 1998, 19, 85-91.	0.4	0
94	Gonorrhea. Pediatrics in Review, 1999, 20, 125-128.	0.4	0
95	Genital Warts. Pediatrics in Review, 1999, 20, 271-272.	0.4	0