Gerard J Nau

List of Publications by Year
in descending order

50 papers	3,804 citations	172457 29 h-index	223800 46 g-index
62 all docs	62 docs citations	62 times ranked	7695 citing authors

#	Article	IF	Citations
1	Human macrophage activation programs induced by bacterial pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1503-1508.	7.1	639
2	Clustering short time series gene expression data. Bioinformatics, 2005, 21, i159-i168.	4.1	411
3	Regulation of T-Cell Activation; Differences among T-Cell Subsets. Immunological Reviews, 1989, 111, 79-110.	6.0	260
4	A chemoattractant cytokine associated with granulomas in tuberculosis andâ€‰silicosis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6414-6419.	7.1	182
5	Human leucine-rich repeat proteins: a genome-wide bioinformatic categorization and functional analysis in innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4631-4638.	7.1	173
6	Osteopontin (Eta-1) in cell-mediated immunity: teaching an old dog new tricks. Trends in Immunology, 2000, 21, 475-478.	7.5	159
7	Attenuated Host Resistance againstMycobacterium bovisBCG Infection in Mice Lacking Osteopontin. Infection and Immunity, 1999, 67, 4223-4230.	2.2	142
8	Androgen sensitivity gateway to <scp>COVID</scp>â€19 disease severity. Drug Development Research, 2020, 81, 771-776.	2.9	126
9	The Infectious Diseases Society of Americaâ€™s 10 Ã— â€™20 Initiative (10 New Systemic Antibacterial Agents US) Tj ETQq1 1 0.784 2019, 69, 1-11.	5.8	120
10	Lactobacillus-derived extracellular vesicles enhance host immune responses against vancomycin-resistant enterococci. BMC Microbiology, 2017, 17, 66.	3.3	108
11	Ebola Virus Persistence in Semen of Male Survivors. Clinical Infectious Diseases, 2016, 62, 1552-1555.	5.8	101
12	ASerratia marcescensOxyR Homolog Mediates Surface Attachment and Biofilm Formation. Journal of Bacteriology, 2007, 189, 7262-7272.	2.2	100
13	Cumulative Toll-Like Receptor Activation in Human Macrophages Treated with Whole Bacteria. Journal of Immunology, 2003, 170, 5203-5209.	0.8	92
14	Interleukinâ€12 and Interleukinâ€27 Regulate Macrophage Control ofMycobacterium tuberculosis. Journal of Infectious Diseases, 2008, 198, 359-366.	4.0	88
15	Global transcriptional response to mammalian temperature provides new insight into Francisella tularensis pathogenesis. BMC Microbiology, 2008, 8, 172.	3.3	79
16	Src Family Kinase Activity Is Required for Murine Embryonic Stem Cell Growth and Differentiation. Molecular Pharmacology, 2005, 68, 1320-1330.	2.3	74
17	A probabilistic generative model for GO enrichment analysis. Nucleic Acids Research, 2008, 36, e109-e109.	14.5	74
18	Osteopontin Expression Correlates with Clinical Outcome in Patients with Mycobacterial Infection. American Journal of Pathology, 2000, 157, 37-42.	3.8	73

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19	Photoinactivation of Mycobacteria In Vitro and in a New Murine Model of Localized Mycobacterium bovis BCG-Induced Granulomatous Infection. Antimicrobial Agents and Chemotherapy, 2006, 50, 1828-1834.	3.2	73
20	Cytokines Involved in Interferon-Î³ Production by Human Macrophages. Journal of Innate Immunity, 2010, 2, 56-65.	3.8	72
21	The Cyclic AMP-Dependent Catabolite Repression System of Serratia marcescens Mediates Biofilm Formation through Regulation of Type 1 Fimbriae. Applied and Environmental Microbiology, 2008, 74, 3461-3470.	3.1	56
22	Francisella tularensisÎ"pyrFMutants Show that Replication in Nonmacrophages Is Sufficient for PathogenesisIn Vivo. Infection and Immunity, 2010, 78, 2607-2619.	2.2	56
23	Interferon-Î³, tumor necrosis factor, and interleukin-18 cooperate to control growth of Mycobacterium tuberculosis in human macrophages. Cytokine, 2012, 60, 233-241.	3.2	49
24	Global Transcriptional Response to Spermine, a Component of the Intramacrophage Environment, Reveals Regulation of Francisella Gene Expression through Insertion Sequence Elements. Journal of Bacteriology, 2009, 191, 6855-6864.	2.2	45
25	Modulation of virulence factors in Francisella tularensis determines human macrophage responses. Microbial Pathogenesis, 2007, 42, 204-214.	2.9	40
26	A Francisella tularensis Locus Required for Spermine Responsiveness Is Necessary for Virulence. Infection and Immunity, 2011, 79, 3665-3676.	2.2	35
27	The use of resazurin as a novel antimicrobial agent against Francisella tularensis. Frontiers in Cellular and Infection Microbiology, 2013, 3, 93.	3.9	35
28	Catabolite repression control of flagellum production by Serratia marcescens. Research in Microbiology, 2008, 159, 562-568.	2.1	34
29	Utilization of an unstable plasmid and the I-SceI endonuclease to generate routine markerless deletion mutants in Francisella tularensis. Journal of Microbiological Methods, 2010, 80, 106-108.	1.6	33
30	Invasion of Erythrocytes by Francisella tularensis. Journal of Infectious Diseases, 2011, 204, 51-59.	4.0	32
31	Rapid optical determination of Î²-lactamase and antibiotic activity. BMC Microbiology, 2014, 14, 84.	3.3	29
32	Characterization and Application of a Glucose-Repressible Promoter in Francisella tularensis. Applied and Environmental Microbiology, 2008, 74, 2161-2170.	3.1	28
33	New Vector Tools with a Hygromycin Resistance Marker for Use with Opportunistic Pathogens. Molecular Biotechnology, 2011, 48, 7-14.	2.4	25
34	Presence of Adequate Intravitreal Concentrations of Daptomycin After Systemic Intravenous Administration in a Patient with Endogenous Endophthalmitis. Pharmacotherapy, 2010, 30, 1247-1251.	2.6	24
35	Large Scale Comparison of Innate Responses to Viral and Bacterial Pathogens in Mouse and Macaque. PLoS ONE, 2011, 6, e22401.	2.5	24
36	Characterization of a Francisella tularensis-Caenorhabditis elegans Pathosystem for the Evaluation of Therapeutic Compounds. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	21

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37	The contribution of the glycine cleavage system to the pathogenesis of Francisella tularensis. Microbes and Infection, 2014, 16, 300-309.	1.9	18
38	MyD88-Dependent Signaling Prolongs Survival and Reduces Bacterial Burden during Pulmonary Infection with Virulent Francisella tularensis. American Journal of Pathology, 2013, 183, 1223-1232.	3.8	14
39	ModuleBlast: identifying activated sub-networks within and across species. Nucleic Acids Research, 2015, 43, e20-e20.	14.5	12
40	Cross Species Expression Analysis of Innate Immune Response. Journal of Computational Biology, 2010, 17, 253-268.	1.6	10
41	A Francisella tularensis Live Vaccine Strain That Improves Stimulation of Antigen-Presenting Cells Does Not Enhance Vaccine Efficacy. PLoS ONE, 2012, 7, e31172.	2.5	10
42	Hyperammonemia syndrome due to Ureaplasma urealyticum in a kidney transplant recipient: A case of disseminated disease from a fluoroquinoloneâ€resistant isolate. Transplant Infectious Disease, 2020, 22, e13328.	1.7	9
43	Role of NK cells in host defense against pulmonary type A Francisella tularensis infection. Microbes and Infection, 2013, 15, 201-211.	1.9	6
44	Challenges and Future in Vaccines, Drug Development, and Immunomodulatory Therapy. Annals of the American Thoracic Society, 2014, 11, S201-S210.	3.2	6
45	Idiopathic Vertebral Abscess in Pregnancy: Case Report and Literature Review. American Journal of Perinatology, 2007, 24, 377-379.	1.4	4
46	A predicted Francisella tularensis DXD-motif glycosyltransferase blocks immune activation. Virulence, 2019, 10, 643-656.	4.4	3
47	Group A streptococcus acute otitis media progressing to neuroinvasive disease in adults. IDCases, 2018, 12, 161-164.	0.9	0
48	Efficacy of Proxalutamide (GT0918) in Hospitalized COVID-19 Patients. SSRN Electronic Journal, 0, , .	0.4	0
49	Cross Species Expression Analysis of Innate Immune Response. Lecture Notes in Computer Science, 2009, , 90-107.	1.3	0
50	Altered transcriptional responses in the lungs of aged mice after influenza infection. Immunity and Ageing, 2022, 19, .	4.2	0