Matthew L Nilles

List of Publications by Year in Descending Order

39 papers	1,672 citations	17 h-index	40 g-index
41 ext. papers	1,808 ext. citations	3.5 avg, IF	4.01 L-index

#	Paper	IF	Citations
39	Modulation of Inflammatory Signaling Molecules in Antigen-Challenged Human Monocytes in Presence of Adrenergic Agonists.. *Vaccines*, **2022**, 10,	5.3	1
38	Characterization of Prostanoids Response to Bordetella pertussis Antigen BscF and Tdap in LPS-challenged monocytes. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2022**, 102452	2.8	
37	Avian anti-NS1 IgY antibodies neutralize dengue virus infection and protect against lethal dengue virus challenge. *Antiviral Research*, **2020**, 183, 104923	10.8	4
36	Zika Virus-Specific IgY Results Are Therapeutic Following a Lethal Zika Virus Challenge without Inducing Antibody-Dependent Enhancement. *Viruses*, **2019**, 11,	6.2	12
35	Necroptosis of infiltrated macrophages drives Yersinia pestis dispersal within buboes. *JCI Insight*, **2018**, 3,	9.9	12
34	A Method for Characterizing the Type III Secretion System's Contribution to Pathogenesis: Homologous Recombination to Generate Yersinia pestis Type III Secretion System Mutants. *Methods in Molecular Biology*, **2017**, 1531, 155-164	1.4	
33	Blue Native Protein Electrophoresis to Study the T3S System Using Yersinia pestis as a Model. *Methods in Molecular Biology*, **2017**, 1531, 33-46	1.4	
32	In Vivo Photo-Cross-Linking to Study T3S Interactions Demonstrated Using the Yersinia pestis T3S System. *Methods in Molecular Biology*, **2017**, 1531, 47-60	1.4	2
31	Introduction to Type III Secretion Systems. *Methods in Molecular Biology*, **2017**, 1531, 1-10	1.4	2
30	Expression and Purification of N-Terminally His-Tagged Recombinant Type III Secretion Proteins. *Methods in Molecular Biology*, **2017**, 1531, 183-191	1.4	
29	Identification of the Targets of Type III Secretion System Inhibitors. *Methods in Molecular Biology*, **2017**, 1531, 203-211	1.4	4
28	Detection of Protein Interactions in T3S Systems Using Yeast Two-Hybrid Analysis. *Methods in Molecular Biology*, **2017**, 1531, 213-222	1.4	1
27	Isolation of Type III Secretion System Needle Complexes by Shearing. *Methods in Molecular Biology*, **2017**, 1531, 61-70	1.4	
26	Analysis of Type III Secretion System Secreted Proteins. *Methods in Molecular Biology*, **2017**, 1531, 93-99	1.4	
25	Mouse Immunization with Purified Needle Proteins from Type III Secretion Systems and the Characterization of the Immune Response to These Proteins. *Methods in Molecular Biology*, **2017**, 1531, 193-201	1.4	2
24	Dengue virus specific IgY provides protection following lethal dengue virus challenge and is neutralizing in the absence of inducing antibody dependent enhancement. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005721	4.8	19
23	Effect of HLA-DQ presentation on SEG/SEI superantigenic reactivity to a CD4+-mediated anti-tumor response devoid of autoimmune or allogeneic effects.. *Journal of Clinical Oncology*, **2016**, 34, e21047-e21047	2.2	

22	The N terminus of type III secretion needle protein YscF from Yersinia pestis functions to modulate innate immune responses. *Infection and Immunity*, **2015**, 83, 1507-22	3.7	14
21	Antiviral Biologic Produced in DNA Vaccine/Goose Platform Protects Hamsters Against Hantavirus Pulmonary Syndrome When Administered Post-exposure. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003803	4.8	32
20	Type III secretion needle proteins induce cell signaling and cytokine secretion via Toll-like receptors. *Infection and Immunity*, **2014**, 82, 2300-9	3.7	23
19	A type III secretion system inhibitor targets YopD while revealing differential regulation of secretion in calcium-blind mutants of Yersinia pestis. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 839-50	5.9	28
18	Resistance to Yersinia pestis infection decreases with age in B10.T(6R) mice. *Infection and Immunity*, **2011**, 79, 4438-46	3.7	4
17	LcrG secretion is not required for blocking of Yops secretion in Yersinia pestis. *BMC Microbiology*, **2008**, 8, 29	4.5	6
16	Resistance of Yersinia pestis to complement-dependent killing is mediated by the Ail outer membrane protein. *Infection and Immunity*, **2008**, 76, 612-22	3.7	122
15	Gamma-irradiated pCD1- Yersinia pestis vaccine is protective: an anti-LcrV response is not necessary to protect against the plague. *FASEB Journal*, **2008**, 22, 859.13	0.9	
14	Structure-function analysis of the C-terminal domain of LcrV from Yersinia pestis. *Journal of Bacteriology*, **2007**, 189, 6734-9	3.5	22
13	Roles of YopN, LcrG and LcrV in controlling Yops secretion by Yersinia pestis. *Advances in Experimental Medicine and Biology*, **2007**, 603, 225-34	3.6	17
12	Immunization of mice with YscF provides protection from Yersinia pestis infections. *BMC Microbiology*, **2005**, 5, 38	4.5	58
11	Bile salts and fatty acids induce the expression of Escherichia coli AcrAB multidrug efflux pump through their interaction with Rob regulatory protein. *Molecular Microbiology*, **2003**, 48, 1609-19	4.1	260
10	The mechanisms responsible for 2-dimensional pattern formation in bacterial macrofiber populations grown on solid surfaces: fiber joining and the creation of exclusion zones. *BMC Microbiology*, **2002**, 2, 1	4.5	33
9	Interaction of the Yersinia pestis type III regulatory proteins LcrG and LcrV occurs at a hydrophobic interface. *BMC Microbiology*, **2002**, 2, 16	4.5	21
8	Genome sequence of Yersinia pestis KIM. *Journal of Bacteriology*, **2002**, 184, 4601-11	3.5	474
7	LcrG-LcrV interaction is required for control of Yops secretion in Yersinia pestis. *Journal of Bacteriology*, **2001**, 183, 5082-91	3.5	77
6	Virulence role of V antigen of Yersinia pestis at the bacterial surface. *Infection and Immunity*, **1999**, 67, 5395-408	3.7	121
5	The V antigen of Yersinia pestis regulates Yop vectorial targeting as well as Yop secretion through effects on YopB and LcrG. *Journal of Bacteriology*, **1998**, 180, 3410-20	3.5	86

4	The MtrD protein of Neisseria gonorrhoeae is a member of the resistance/nodulation/division protein family constituting part of an efflux system. *Microbiology (United Kingdom)*, **1997**, 143 (Pt 7), 2117-2125	2.9	92
3	Yersinia pestis LcrV forms a stable complex with LcrG and may have a secretion-related regulatory role in the low-Ca2+ response. *Journal of Bacteriology*, **1997**, 179, 1307-16	3.5	111
2	Type III Secretion Systems95-114		2
1	Inflammatory Mediators1-9		1