

Lee M Wetzler

List of Publications by Citations

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69
papers

3,097
citations

30
h-index

55
g-index

70
ext. papers

3,418
ext. citations

6.6
avg. IF

5.1
L-index

#	Paper	IF	Citations
69	The Role of TLR2 in Infection and Immunity. <i>Frontiers in Immunology</i> , 2012 , 3, 79	8.4	367
68	Cutting edge: Immune stimulation by neisserial porins is toll-like receptor 2 and MyD88 dependent. <i>Journal of Immunology</i> , 2002 , 168, 1533-7	5.3	261
67	The role of porins in neisserial pathogenesis and immunity. <i>Trends in Microbiology</i> , 2003 , 11, 87-93	12.4	138
66	Neisseria meningitidis porin PorB interacts with mitochondria and protects cells from apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 9070-5	11.5	133
65	The contrasting mechanisms of serum resistance of Neisseria gonorrhoeae and group B Neisseria meningitidis. <i>Molecular Immunology</i> , 1999 , 36, 915-28	4.3	133
64	Meningococcal porin PorB binds to TLR2 and requires TLR1 for signaling. <i>Journal of Immunology</i> , 2006 , 176, 2373-80	5.3	128
63	Cutting edge: MyD88 controls phagocyte NADPH oxidase function and killing of gram-negative bacteria. <i>Journal of Immunology</i> , 2005 , 175, 5596-600	5.3	125
62	The role of Toll-like receptor 2 in microbial disease and immunity. <i>Vaccine</i> , 2003 , 21 Suppl 2, S55-60	4.1	113
61	Neisserial porins induce B lymphocytes to express costimulatory B7-2 molecules and to proliferate. <i>Journal of Experimental Medicine</i> , 1996 , 183, 1151-9	16.6	100
60	Macrophage-specific TLR2 signaling mediates pathogen-induced TNF-dependent inflammatory oral bone loss. <i>Journal of Immunology</i> , 2013 , 190, 1148-57	5.3	90
59	Gonococcal porin vaccine evaluation: comparison of Por proteosomes, liposomes, and blebs isolated from rmp deletion mutants. <i>Journal of Infectious Diseases</i> , 1992 , 166, 551-5	7	90
58	Neisserial porin-induced dendritic cell activation is MyD88 and TLR2 dependent. <i>Journal of Immunology</i> , 2005 , 174, 3545-50	5.3	88
57	Neisserial PorB is translocated to the mitochondria of HeLa cells infected with Neisseria meningitidis and protects cells from apoptosis. <i>Cellular Microbiology</i> , 2003 , 5, 99-109	3.9	71
56	Neisseria gonorrhoeae enhances infection of dendritic cells by HIV type 1. <i>Journal of Immunology</i> , 2005 , 174, 7995-8002	5.3	58
55	Characterization and specificity of antibodies to protein I of Neisseria gonorrhoeae produced by injection with various protein I-adjuvant preparations. <i>Journal of Experimental Medicine</i> , 1988 , 168, 1883-97	16.6	56
54	Lipid-Mediated Targeting with Membrane-Wrapped Nanoparticles in the Presence of Corona Formation. <i>ACS Nano</i> , 2016 , 10, 1189-200	16.7	52
53	T cell activation by TLRs: a role for TLRs in the adaptive immune response. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007 , 2007, pe48		46

52	The role of B/T costimulatory signals in the immunopotentiating activity of neisserial porin. <i>Journal of Infectious Diseases</i> , 1999 , 180, 755-61	7	43
51	Immunologic memory induced by a glycoconjugate vaccine in a murine adoptive lymphocyte transfer model. <i>Infection and Immunity</i> , 1998 , 66, 2026-32	3.7	42
50	The PorB porin from commensal <i>Neisseria lactamica</i> induces Th1 and Th2 immune responses to ovalbumin in mice and is a potential immune adjuvant. <i>Vaccine</i> , 2008 , 26, 786-96	4.1	40
49	Early administration of interleukin-6 inhibitors for patients with severe COVID-19 disease is associated with decreased intubation, reduced mortality, and increased discharge. <i>International Journal of Infectious Diseases</i> , 2020 , 99, 28-33	10.5	40
48	Innate immune function of the neisserial porins and the relationship to vaccine adjuvant activity. <i>Future Microbiology</i> , 2010 , 5, 749-58	2.9	39
47	Toll-like receptor 2-mediated human B cell differentiation. <i>Clinical Immunology</i> , 2006 , 120, 272-84	9	38
46	Induction of cell signaling events by the cholera toxin B subunit in antigen-presenting cells. <i>Infection and Immunity</i> , 2007 , 75, 3150-9	3.7	36
45	Improved purification of native meningococcal porin PorB and studies on its structure/function. <i>Protein Expression and Purification</i> , 2005 , 44, 136-46	2	36
44	Identification of immunologic and pathologic parameters of death versus survival in respiratory tularemia. <i>Infection and Immunity</i> , 2008 , 76, 486-96	3.7	35
43	Antigen-specific T-cell responses in humans after intranasal immunization with a meningococcal serogroup B outer membrane vesicle vaccine. <i>Infection and Immunity</i> , 1999 , 67, 921-7	3.7	35
42	Human T-cell responses after vaccination with the Norwegian group B meningococcal outer membrane vesicle vaccine. <i>Infection and Immunity</i> , 1998 , 66, 959-65	3.7	34
41	The construction and characterization of <i>Neisseria gonorrhoeae</i> lacking protein III in its outer membrane. <i>Journal of Experimental Medicine</i> , 1989 , 169, 2199-209	16.6	31
40	Antibiotics for respiratory tract infections: a comparison of prescribing in an outpatient setting. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 153-9	2	30
39	<i>Neisseria gonorrhoeae</i> infection protects human endocervical epithelial cells from apoptosis via expression of host antiapoptotic proteins. <i>Infection and Immunity</i> , 2009 , 77, 3602-10	3.7	30
38	Immunopotentiating ability of neisserial major outer membrane proteins. Use as an adjuvant for poorly immunogenic substances and potential use in vaccines. <i>Annals of the New York Academy of Sciences</i> , 1994 , 730, 367-70	6.5	30
37	Toll-like receptor 2 induces mucosal homing receptor expression and IgA production by human B cells. <i>Clinical Immunology</i> , 2011 , 138, 33-40	9	28
36	Summary and Recommendations from the National Institute of Allergy and Infectious Diseases (NIAID) Workshop "Gonorrhoea Vaccines: the Way Forward". <i>Vaccine Journal</i> , 2016 , 23, 656-63		27
35	Crystallographic analysis of <i>Neisseria meningitidis</i> PorB extracellular loops potentially implicated in TLR2 recognition. <i>Journal of Structural Biology</i> , 2014 , 185, 440-7	3.4	26

34	Human airway epithelial cell responses to <i>Neisseria lactamica</i> and purified porin via Toll-like receptor 2-dependent signaling. <i>Infection and Immunity</i> , 2010 , 78, 5314-23	3.7	25
33	Bronchus-associated lymphoid tissue (BALT) and survival in a vaccine mouse model of tularemia. <i>PLoS ONE</i> , 2010 , 5, e11156	3.7	23
32	<i>Neisseria gonorrhoeae</i> porin P1.B induces endosome exocytosis and a redistribution of Lamp1 to the plasma membrane. <i>Infection and Immunity</i> , 2002 , 70, 5965-71	3.7	22
31	The reproductive cycle is a pathogenic determinant during gonococcal pelvic inflammatory disease in mice. <i>Mucosal Immunology</i> , 2016 , 9, 1051-64	9.2	21
30	Meningococcal porin PorB prevents cellular apoptosis in a toll-like receptor 2- and NF-kappaB-independent manner. <i>Infection and Immunity</i> , 2010 , 78, 994-1003	3.7	21
29	<i>Neisseria meningitidis</i> PorB, a Toll-like receptor 2 ligand, improves the capacity of <i>Francisella tularensis</i> lipopolysaccharide to protect mice against experimental tularemia. <i>Vaccine Journal</i> , 2008 , 15, 1322-9		21
28	The gonococcal Fur-regulated <i>tbpA</i> and <i>tbpB</i> genes are expressed during natural mucosal gonococcal infection. <i>Infection and Immunity</i> , 2005 , 73, 4281-7	3.7	21
27	Vaccines for gonorrhea: where are we on the curve?. <i>Trends in Microbiology</i> , 1995 , 3, 469-74	12.4	21
26	Serum resistance of <i>Neisseria gonorrhoeae</i> . Does it thwart the inflammatory response and facilitate the transmission of infection?. <i>Annals of the New York Academy of Sciences</i> , 1994 , 730, 7-14	6.5	21
25	The amino acid sequence of <i>Neisseria lactamica</i> PorB surface-exposed loops influences Toll-like receptor 2-dependent cell activation. <i>Infection and Immunity</i> , 2012 , 80, 3417-28	3.7	20
24	Toll-Like Receptor Ligand-Based Vaccine Adjuvants Require Intact MyD88 Signaling in Antigen-Presenting Cells for Germinal Center Formation and Antibody Production. <i>Frontiers in Immunology</i> , 2017 , 8, 225	8.4	19
23	Specific Binding to Differentially Expressed Human Carcinoembryonic Antigen-Related Cell Adhesion Molecules Determines the Outcome of <i>Neisseria gonorrhoeae</i> Infections along the Female Reproductive Tract. <i>Infection and Immunity</i> , 2018 , 86,	3.7	19
22	The pilus and porin of <i>Neisseria gonorrhoeae</i> cooperatively induce Ca(2+) transients in infected epithelial cells. <i>Cellular Microbiology</i> , 2005 , 7, 1736-48	3.9	18
21	The nature of an in vivo anti-capsular polysaccharide response is markedly influenced by the composition and/or architecture of the bacterial subcapsular domain. <i>Journal of Immunology</i> , 2012 , 188, 569-77	5.3	16
20	Role of protein tyrosine kinase and Erk1/2 activities in the Toll-like receptor 2-induced cellular activation of murine B cells by neisserial porin. <i>Vaccine Journal</i> , 2008 , 15, 630-7		15
19	<i>Neisseria meningitidis</i> PorB, a TLR2 ligand, induces an antigen-specific eosinophil recall response: potential adjuvant for helminth vaccines?. <i>Journal of Immunology</i> , 2007 , 179, 3222-30	5.3	15
18	Innate immunity and vaccines. <i>Current Topics in Medicinal Chemistry</i> , 2013 , 13, 2597-608	3	15
17	In vivo and in vitro characterization of the immune stimulating activity of the Neisserial porin PorB. <i>PLoS ONE</i> , 2013 , 8, e82171	3.7	14

16	IgG antibody levels to meningococcal porins in patient sera: comparison of immunoblotting and ELISA measurements. <i>Journal of Immunological Methods</i> , 2000 , 244, 9-15	2.5	14
15	The TLR2 Binding Neisserial Porin PorB Enhances Antigen Presenting Cell Trafficking and Cross-presentation. <i>Scientific Reports</i> , 2017 , 7, 736	4.9	12
14	Neisseriae internalization by epithelial cells is enhanced by TLR2 stimulation. <i>Microbes and Infection</i> , 2016 , 18, 627-638	9.3	9
13	Murine host response to Neisseria gonorrhoeae upper genital tract infection reveals a common transcriptional signature, plus distinct inflammatory responses that vary between reproductive cycle phases. <i>BMC Genomics</i> , 2018 , 19, 627	4.5	9
12	Distinct gene signatures in aortic tissue from ApoE ^{-/-} mice exposed to pathogens or Western diet. <i>BMC Genomics</i> , 2014 , 15, 1176	4.5	8
11	Meningococcal PorB induces a robust and diverse antigen specific T cell response as a vaccine adjuvant. <i>Vaccine</i> , 2018 , 36, 7689-7699	4.1	8
10	Neisserial PorB immune enhancing activity and use as a vaccine adjuvant. <i>Human Vaccines and Immunotherapeutics</i> , 2019 , 15, 2778-2781	4.4	6
9	Neisseria meningitidis lipopolysaccharide modulates the specific humoral immune response to neisserial porins but has no effect on porin-induced upregulation of costimulatory ligand B7-2. <i>Infection and Immunity</i> , 2001 , 69, 5031-6	3.7	5
8	Toll-Like Receptor Ligand Based Adjuvant, PorB, Increases Antigen Deposition on Germinal Center Follicular Dendritic Cells While Enhancing the Follicular Dendritic Cells Network. <i>Frontiers in Immunology</i> , 2020 , 11, 1254	8.4	3
7	Isolation of Naturally Released Gonococcal Outer Membrane Vesicles as Vaccine Antigens. <i>Methods in Molecular Biology</i> , 2019 , 1997, 121-141	1.4	2
6	Testing meningococcal vaccines for mitogenicity and superantigenicity. <i>Methods in Molecular Medicine</i> , 2001 , 66, 199-221		2
5	An epitope shared by enterobacterial and neisserial porin proteins. <i>Apmis</i> , 1998 , 106, 818-24	3.4	1
4	AIDS vaccine and the private sector. <i>New England Journal of Medicine</i> , 1986 , 314, 1511-2	59.2	1
3	CD169+ Subcapsular Macrophage Role in Antigen Adjuvant Activity. <i>Frontiers in Immunology</i> , 2021 , 12, 624197	8.4	1
2	Analysis of parameters associated with prevention of cellular apoptosis by pathogenic Neisseriae and purified porins. <i>Methods in Molecular Biology</i> , 2012 , 799, 319-41	1.4	
1	Studies on the effect of neisserial porins on apoptosis of Mammalian cells. <i>Methods in Molecular Medicine</i> , 2001 , 67, 587-97		