Patrick M Schlievert

List of Publications by Year
in descending order

298 papers	26,502 citations	6254 80 h-index	7745 150 g-index
302 all docs	302 docs citations	302 times ranked	13259 citing authors

#	Article	IF	Citations
1	The toxic shock syndrome exotoxin structural gene is not detectably transmitted by a prophage. Nature, 1983, 305, 709-712.	27.8	1,295
2	Severe Group A Streptococcal Infections Associated with a Toxic Shock-like Syndrome and Scarlet Fever Toxin A. New England Journal of Medicine, 1989, 321, 1-7.	27.0	1,250
3	Exotoxins ofStaphylococcus aureus. Clinical Microbiology Reviews, 2000, 13, 16-34.	13.6	1,232
4	Identification and Characterization of an Exotoxin from Staphylococcus aureus Associated with Toxic-Shock Syndrome. Journal of Infectious Diseases, 1981, 143, 509-516.	4.0	735
5	Toxic Shock Syndrome and Bacterial Superantigens: An Update. Annual Review of Microbiology, 2001, 55, 77-104.	7.3	683
6	Clinical and Bacteriologic Observations of a Toxic Shockâ€“like Syndrome Due toStreptococcus pyogenes. New England Journal of Medicine, 1987, 317, 146-149.	27.0	605
7	Regulation of exoprotein gene expression in Staphylococcus aureus by agr. Molecular Genetics and Genomics, 1986, 202, 58-61.	2.4	564
8	Glycerol monolaurate prevents mucosal SIV transmission. Nature, 2009, 458, 1034-1038.	27.8	563
9	Cloning, characterization, and sequencing of an accessory gene regulator (agr) in Staphylococcus aureus. Journal of Bacteriology, 1988, 170, 4365-4372.	2.2	535
10	Staphylococcal and Streptococcal Pyrogenic Toxins Involved in Toxic Shock Syndrome and Related Illnesses. Critical Reviews in Microbiology, 1990, 17, 251-272.	6.1	481
11	Genome sequence of a serotype M3 strain of group A Streptococcus: Phage-encoded toxins, the high-virulence phenotype, and clone emergence. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10078-10083.	7.1	452
12	Streptococcus pyogenes causing toxic-shock-like syndrome and other invasive diseases: clonal diversity and pyrogenic exotoxin expression.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2668-2672.	7.1	439
13	Staphylococcal and Streptococcal Superantigen Exotoxins. Clinical Microbiology Reviews, 2013, 26, 422-447.	13.6	408
14	Hospital Transmission of Community-Acquired Methicillin-Resistant Staphylococcus aureus among Postpartum Women. Clinical Infectious Diseases, 2003, 37, 1313-1319.	5.8	380
15	Toxic shock syndrome toxin-secreting Staphylococcus aureus in Kawasaki syndrome. Lancet, The, 1993, 342, 1385-1388.	13.7	378
16	Role of Superantigens in Human Disease. Journal of Infectious Diseases, 1993, 167, 997-1002.	4.0	345
17	Clonal basis for resurgence of serious Streptococcus pyogenes disease in the 1980s. Lancet, The, 1992, 339, 518-521.	13.7	321
18	Comparative Molecular Analysis of Community- or Hospital-Acquired Methicillin-Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2003, 47, 196-203.	3.2	301

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19	Bacterial superantigens induce T cell expression of the skin-selective homing receptor, the cutaneous lymphocyte-associated antigen, via stimulation of interleukin 12 production.. Journal of Experimental Medicine, 1995, 181, 747-753.	8.5	300
20	Crystal structure of a T-cell receptor Î²-chain complexed with a superantigen. Nature, 1996, 384, 188-192.	27.8	295
21	Identification of a Novel Two-Component Regulatory System That Acts in Global Regulation of Virulence Factors ofStaphylococcus aureus. Journal of Bacteriology, 2001, 183, 1113-1123.	2.2	281
22	Quorum sensing in Staphylococcus infections. Journal of Clinical Investigation, 2003, 112, 1620-1625.	8.2	249
23	Severe Invasive Group A Streptococcal Infections In Ontario, Canada: 1987-1991. Clinical Infectious Diseases, 1993, 16, 792-800.	5.8	225
24	Production of Staphylococcal Pyrogenic Exotoxin Type C: Influence of Physical and Chemical Factors. Journal of Infectious Diseases, 1983, 147, 236-242.	4.0	209
25	Purpura Fulminans Due toStaphylococcus aureus. Clinical Infectious Diseases, 2005, 40, 941-947.	5.8	196
26	Biochemical and Biological Properties of Staphylococcal Enterotoxin K. Infection and Immunity, 2001, 69, 360-366.	2.2	192
27	Quorum sensing in Staphylococcus infections. Journal of Clinical Investigation, 2003, 112, 1620-1625.	8.2	189
28	Three-Dimensional Structure of the Complex between a T Cell Receptor Î² Chain and the Superantigen Staphylococcal Enterotoxin B. Immunity, 1998, 9, 807-816.	14.3	188
29	A single clone of Staphylococcus aureus causes the majority of cases of toxic shock syndrome.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 225-229.	7.1	184
30	Characterization of Virulence Factor Regulation by SrrAB, a Two-Component System in Staphylococcus aureus. Journal of Bacteriology, 2004, 186, 2430-2438.	2.2	181
31	Models matter: the search for an effective Staphylococcus aureus vaccine. Nature Reviews Microbiology, 2014, 12, 585-591.	28.6	179
32	Nucleotide sequence of the streptococcal pyrogenic exotoxin type B gene and relationship between the toxin and the streptococcal proteinase precursor. Journal of Bacteriology, 1990, 172, 4536-4542.	2.2	172
33	A Novel Core Genome-Encoded Superantigen Contributes to Lethality of Community-Associated MRSA Necrotizing Pneumonia. PLoS Pathogens, 2011, 7, e1002271.	4.7	169
34	Secreted virulence factor comparison between methicillin-resistant and methicillin-sensitive Staphylococcus aureus, and its relevance to atopic dermatitis. Journal of Allergy and Clinical Immunology, 2010, 125, 39-49.	2.9	163
35	Aggregation and Binding Substances Enhance Pathogenicity in Rabbit Models ofEnterococcus faecalisEndocarditis. Infection and Immunity, 1998, 66, 218-223.	2.2	160
36	Beta toxin catalyzes formation of nucleoprotein matrix in staphylococcal biofilms. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14407-14412.	7.1	159

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37	Structure of toxic shock syndrome toxin 1. Biochemistry, 1993, 32, 13761-13766.	2.5	155
38	Toxic shock syndrome. A newly recognized complication of influenza and influenzalike illness. JAMA - Journal of the American Medical Association, 1987, 257, 1053-1058.	7.4	155
39	A Mutational Analysis of the Binding of Staphylococcal Enterotoxins B and C3 to the T Cell Receptor Î² Chain and Major Histocompatibility Complex Class II. Journal of Experimental Medicine, 1998, 187, 823-833.	8.5	145
40	Geographic and Temporal Distribution and Molecular Characterization of Two Highly Pathogenic Clones ofStreptococcus pyogenesExpressing Allelic Variants of Pyrogenic Exotoxin A (Scarlet) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	142
41	Glycerol Monolaurate Antibacterial Activity in Broth and Biofilm Cultures. PLoS ONE, 2012, 7, e40350.	2.5	139
42	Nucleotide sequence of the staphylococcal enterotoxin C1 gene and relatedness to other pyrogenic toxins. Molecular Genetics and Genomics, 1987, 209, 15-20.	2.4	137
43	The Structure of the Superantigen Exfoliative Toxin A Suggests a Novel Regulation as a Serine Proteaseâ€‚â€¡. Biochemistry, 1997, 36, 1559-1566.	2.5	136
44	Application of staphylococcal enterotoxin B on normal and atopic skin induces up-regulation of T cells by a superantigen-mediated mechanism. Journal of Allergy and Clinical Immunology, 2000, 105, 820-826.	2.9	136
45	Glycerol monolaurate inhibits the production of beta-lactamase, toxic shock toxin-1, and other staphylococcal exoproteins by interfering with signal transduction. Journal of Bacteriology, 1994, 176, 4204-4209.	2.2	135
46	Crystal Structure of a Superantigen Bound to the High-Affinity, Zinc-Dependent Site on MHC Class II. Immunity, 2001, 14, 93-104.	14.3	134
47	Pathogenicity and resistance islands of staphylococci. Microbes and Infection, 2001, 3, 585-594.	1.9	131
48	Molecular Characterization of a NovelStaphylococcus aureus Serine Protease Operon. Infection and Immunity, 2001, 69, 1521-1527.	2.2	129
49	Structure and Biological Activities of Beta Toxin fromStaphylococcus aureus. Journal of Bacteriology, 2007, 189, 8719-8726.	2.2	128
50	The Staphylococcus aureus Global Regulator MgrA Modulates Clumping and Virulence by Controlling Surface Protein Expression. PLoS Pathogens, 2016, 12, e1005604.	4.7	128
51	Superantigen binding to a T cell receptor beta chain of known three-dimensional structure.. Journal of Experimental Medicine, 1995, 182, 1833-1845.	8.5	124
52	Characterization and Expression Analysis of Staphylococcus aureus Pathogenicity Island 3. Journal of Biological Chemistry, 2002, 277, 13138-13147.	3.4	123
53	Prevalence of superantigen-secreting bacteria in patients with Kawasaki disease. Journal of Pediatrics, 2002, 140, 742-746.	1.8	121
54	Superantigens Are Critical for Staphylococcus aureus Infective Endocarditis, Sepsis, and Acute Kidney Injury. MBio, 2013, 4, .	4.1	121

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55	The Classical Lancefield Antigen of Group A Streptococcus Is a Virulence Determinant with Implications for Vaccine Design. Cell Host and Microbe, 2014, 15, 729-740.	11.0	121
56	A Superantigen Hypothesis for the Pathogenesis of Chronic Hyperplastic Sinusitis with Massive Nasal Polyposis. American Journal of Rhinology & Allergy, 2003, 17, 321-326.	2.2	119
57	Staphylococcal Toxic Shock Syndrome 2000â€“2006: Epidemiology, Clinical Features, and Molecular Characteristics. PLoS ONE, 2011, 6, e22997.	2.5	117
58	Structures of Two Streptococcal Superantigens Bound to TCR Î² Chains Reveal Diversity in the Architecture of T Cell Signaling Complexes. Structure, 2002, 10, 687-699.	3.3	116
59	Comparative proteomic profiling of patients with atopic dermatitis based on history of eczema herpeticum infection and Staphylococcus aureus colonization. Journal of Allergy and Clinical Immunology, 2011, 127, 186-193.e11.	2.9	116
60	Selective Depletion Of VÂ-Bearing T Cells In Patients With Severe Invasive Group A Streptococcal Infections And Streptococcal Toxic Shock Syndrome. Journal of Infectious Diseases, 1995, 171, 74-84.	4.0	115
61	Genome Diversification in Staphylococcus aureus : Molecular Evolution of a Highly Variable Chromosomal Region Encoding the Staphylococcal Exotoxin-Like Family of Proteins. Infection and Immunity, 2003, 71, 2827-2838.	2.2	114
62	Characterization and clonal distribution of four alleles of the speA gene encoding pyrogenic exotoxin A (scarlet fever toxin) in Streptococcus pyogenes.. Journal of Experimental Medicine, 1991, 174, 1271-1274.	8.5	112
63	Toxic-Shock-Syndrome Toxin 1-Induced Proliferation of Lymphocytes: Comparison of the Mitogenic Response of Human, Murine, and Rabbit Lymphocytes. Journal of Infectious Diseases, 1985, 151, 65-72.	4.0	109
64	Repression of the Staphylococcus aureus Accessory Gene Regulator in Serum and In Vivo. Journal of Bacteriology, 2002, 184, 1095-1101.	2.2	108
65	Effect of glycerol monolaurate on bacterial growth and toxin production. Antimicrobial Agents and Chemotherapy, 1992, 36, 626-631.	3.2	107
66	The Innate Immune System Is Activated by Stimulation of Vaginal Epithelial Cells with Staphylococcus aureus and Toxic Shock Syndrome Toxin 1. Infection and Immunity, 2005, 73, 2164-2174.	2.2	105
67	Superantigen Profile ofStaphylococcus aureusIsolates from Patients with Steroidâ€Resistant Atopic Dermatitis. Clinical Infectious Diseases, 2008, 46, 1562-1567.	5.8	105
68	Characterization of a Novel Staphylococcal Enterotoxin-like Superantigen, a Member of the Group V Subfamily of Pyrogenic Toxins. Biochemistry, 2002, 41, 14033-14040.	2.5	104
69	Characterization of Staphylococcus aureus Enterotoxin L. Infection and Immunity, 2003, 71, 2916-2919.	2.2	102
70	Severe invasive group A streptococcal disease: Clinical description and mechanisms of pathogenesis. Translational Research, 1996, 127, 13-22.	2.3	100
71	Staphylococcal Toxins Augment Specific IgE Responses by Atopic Patients Exposed to Allergen. Journal of Investigative Dermatology, 1999, 112, 171-176.	0.7	100
72	Group A streptococcal phage T12 carries the structural gene for pyrogenic exotoxin type A. Molecular Genetics and Genomics, 1984, 194, 52-56.	2.4	97

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73	Pyrogenic Toxin Superantigen Site Specificity in Toxic Shock Syndrome and Food Poisoning in Animals. Infection and Immunity, 2000, 68, 3630-3634.	2.2	95
74	The staphylococcal respiratory response regulator SrrAB induces ica gene transcription and polysaccharide intercellular adhesin expression, protecting Staphylococcus aureus from neutrophil killing under anaerobic growth conditions. Molecular Microbiology, 2007, 65, 1276-1287.	2.5	94
75	Toxin and Enzyme Characterization of Staphylococcus aureus Isolates from Patients With and Without Toxic Shock Syndrome. Annals of Internal Medicine, 1982, 96, 937.	3.9	91
76	Streptococcal pyrogenic exotoxin type A (scarlet fever toxin) is related to Staphylococcus aureus enterotoxin B. Molecular Genetics and Genomics, 1986, 203, 354-356.	2.4	90
77	Invasive group A streptococcal infections in children with varicella in Southern California. Pediatric Infectious Disease Journal, 1996, 15, 146-150.	2.0	90
78	Neutralization of staphylococcal enterotoxin B by soluble, high-affinity receptor antagonists. Nature Medicine, 2007, 13, 725-729.	30.7	88
79	Gramâ€positive bacterial superantigen outsideâ€in signaling causes toxic shock syndrome. FEBS Journal, 2011, 278, 4649-4667.	4.7	87
80	[6] Preparation of toxic shock syndrome toxin-1. Methods in Enzymology, 1988, 165, 37-43.	1.0	86
81	Porcine Vagina Ex Vivo as a Model for Studying Permeability and Pathogenesis in Mucosa. Journal of Pharmaceutical Sciences, 2008, 97, 9-21.	3.3	85
82	Evidence for the involvement of bacterial superantigens in psoriasis, atopic dermatitis, and Kawasaki syndrome. FEMS Microbiology Letters, 2000, 192, 1-7.	1.8	84
83	Temperature regulates bacterial protein production: possible role in rosacea. Journal of the American Academy of Dermatology, 2004, 50, 266-272.	1.2	84
84	Use of intravenous immunoglobulin in the treatment of staphylococcal and streptococcal toxic shock syndromes and related illnessesâ˜†â˜†â˜†. Journal of Allergy and Clinical Immunology, 2001, 108, S107-S110.	2.9	83
85	Role of the T Cell Receptor Î± Chain in Stabilizing TCR-Superantigen-MHC Class II Complexes. Immunity, 1999, 10, 473-483.	14.3	81
86	In Vivo Induction of Virulence and Antibiotic Resistance Transfer in Enterococcus faecalis Mediated by the Sex Pheromone-Sensing System of pCF10. Infection and Immunity, 2002, 70, 716-723.	2.2	81
87	Multiple Functional Domains of Enterococcus faecalis Aggregation Substance Asc10 Contribute to Endocarditis Virulence. Infection and Immunity, 2009, 77, 539-548.	2.2	81
88	The Staphylococcus aureus ArlRS Two-Component System Is a Novel Regulator of Agglutination and Pathogenesis. PLoS Pathogens, 2013, 9, e1003819.	4.7	78
89	Staphylococcus aureus Î²-toxin Production is Common in Strains With the Î²-toxin Gene Inactivated by Bacteriophage. Journal of Infectious Diseases, 2014, 210, 784-792.	4.0	77
90	Virulence regulation inStaphylococcus aureus: the need for in vivo analysis of virulence factor regulation. FEMS Immunology and Medical Microbiology, 2004, 42, 147-154.	2.7	76

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91	Association of exotoxin-producing Group A streptococci and severe disease in children. Pediatric Infectious Disease Journal, 1991, 10, 351-354.	2.0	75
92	A Recalcitrant, Erythematous, Desquamating Disorder Associatedwith Toxin-Producing Staphylococci in Patients with AIDS. Journal of Infectious Diseases, 1992, 165, 638-643.	4.0	75
93	Reemergence of Staphylococcal Toxic Shock Syndrome in Minneapolis-St. Paul, Minnesota, during the 2000-2003 Surveillance Period. Journal of Clinical Microbiology, 2004, 42, 2875-2876.	3.9	75
94	Oxygen and Carbon Dioxide Regulation of Toxic Shock Syndrome Toxin 1 Production by Staphylococcus aureus MN8. Journal of Clinical Microbiology, 2000, 38, 1797-1803.	3.9	75
95	Rat liver protein linking chemical and immunological detoxification systems. Nature, 1992, 360, 269-270.	27.8	73
96	Toxoids of Streptococcal Pyrogenic Exotoxin A Are Protective in Rabbit Models of Streptococcal Toxic Shock Syndrome. Infection and Immunity, 2000, 68, 5011-5017.	2.2	71
97	Glycerol Monolaurate Inhibits the Effects of Gram-Positive Select Agents on Eukaryotic Cells. Biochemistry, 2006, 45, 2387-2397.	2.5	68
98	Bacterial growth inhibition by amniotic fluid. American Journal of Obstetrics and Gynecology, 1976, 125, 906-910.	1.3	67
99	Staphylococcus aureus Î±-toxin modulates skin host response to viral infection. Journal of Allergy and Clinical Immunology, 2012, 130, 683-691.e2.	2.9	67
100	Staphylococcal superantigens interact with multiple host receptors to cause serious diseases. Immunologic Research, 2014, 59, 177-181.	2.9	67
101	Development of Streptococcal Pyrogenic Exotoxin C Vaccine Toxoids That Are Protective in the Rabbit Model of Toxic Shock Syndrome. Journal of Immunology, 2000, 165, 2306-2312.	0.8	66
102	Characterization of Two Novel Pyrogenic Toxin Superantigens Made by an Acute Rheumatic Fever Clone of Streptococcus pyogenes Associated with Multiple Disease Outbreaks. Infection and Immunity, 2002, 70, 7095-7104.	2.2	66
103	Immunity to Staphylococcus aureus secreted proteins protects rabbits from serious illnesses. Vaccine, 2012, 30, 5099-5109.	3.8	66
104	Alpha-Toxin Promotes Staphylococcus aureus Mucosal Biofilm Formation. Frontiers in Cellular and Infection Microbiology, 2012, 2, 64.	3.9	66
105	The Crystal Structure of Exfoliative Toxin B:Â A Superantigen with Enzymatic Activityâ€,â€¡. Biochemistry, 1999, 38, 10239-10246.	2.5	65
106	AhrC and Eep Are Biofilm Infection-Associated Virulence Factors in Enterococcus faecalis. Infection and Immunity, 2013, 81, 1696-1708.	2.2	65
107	An amino-terminal domain of Enterococcus faecalis aggregation substance is required for aggregation, bacterial internalization by epithelial cells and binding to lipoteichoic acid. Molecular Microbiology, 2004, 52, 1159-1171.	2.5	64
108	Staphylococcal Superantigens Cause Lethal Pulmonary Disease in Rabbits. Journal of Infectious Diseases, 2010, 202, 1690-1697.	4.0	64

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109	Molecular Analysis of Staphylococcal Superantigens. Methods in Molecular Biology, 2007, 391, 113-126.	0.9	62
110	Group B Streptococcal Toxic Shock-Like Syndrome: Report of a Case and Purification of an Associated Pyrogenic Toxin. Clinical Infectious Diseases, 1993, 17, 26-31.	5.8	61
111	Comparative Analysis of Lipopolysaccharide-Induced Tumor Necrosis Factor Alpha Activity in Serum and Lethality in Mice and Rabbits Pretreated with the Staphylococcal Superantigen Toxic Shock Syndrome Toxin 1. Infection and Immunity, 2001, 69, 7169-7172.	2.2	61
112	Vaccination Against Staphylococcus aureus Pneumonia. Journal of Infectious Diseases, 2014, 209, 1955-1962.	4.0	61
113	The immunopathogenesis and management of Kawasaki syndrome. Arthritis and Rheumatism, 1998, 41, 1538-1547.	6.7	60
114	Glycerol Monolaurate Inhibits Candida and Gardnerella vaginalis In Vitro and In Vivo but Not Lactobacillus. Antimicrobial Agents and Chemotherapy, 2010, 54, 597-601.	3.2	59
115	Bacterial growth inhibition by amniotic fluid. American Journal of Obstetrics and Gynecology, 1976, 125, 899-905.	1.3	58
116	Suppression of Immunoglobulin-Secreting Cells from Human Peripheral Blood by Toxic-Shockâ€”Syndrome Toxin-1. Journal of Infectious Diseases, 1986, 153, 772-779.	4.0	58
117	Epidermal HLA-DR and the enhancement of cutaneous reactivity to superantigenic toxins in psoriasis. Journal of Clinical Investigation, 1999, 104, 1181-1189.	8.2	58
118	Glycerol Monolaurate Does Not Alter Rhesus Macaque (Macaca mulatta) Vaginal Lactobacilli and Is Safe for Chronic Use. Antimicrobial Agents and Chemotherapy, 2008, 52, 4448-4454.	3.2	57
119	Cytolysins Augment Superantigen Penetration of Stratified Mucosa. Journal of Immunology, 2009, 182, 2364-2373.	0.8	57
120	Bacterial growth inhibition by amniotic fluid. American Journal of Obstetrics and Gynecology, 1975, 122, 809-813.	1.3	56
121	Invasive group B streptococcal disease in children beyond early infancy. Pediatric Infectious Disease Journal, 1995, 14, 278-280.	2.0	56
122	Transmission of ?Toxic Strep? syndrome from an infected child to a firefighter during CPR. Annals of Emergency Medicine, 1991, 20, 90-92.	0.6	55
123	Î± and Î² Chains of Hemoglobin Inhibit Production of Staphylococcus aureus Exotoxins. Biochemistry, 2007, 46, 14349-14358.	2.5	55
124	Use of Recombinase-Based In Vivo Expression Technology To Characterize Enterococcus faecalis Gene Expression during Infection Identifies In Vivo -Expressed Antisense RNAs and Implicates the Protease Eep in Pathogenesis. Infection and Immunity, 2012, 80, 539-549.	2.2	54
125	Ecto-5â€²-Nucleotidase: A Candidate Virulence Factor in Streptococcus sanguinis Experimental Endocarditis. PLoS ONE, 2012, 7, e38059.	2.5	54
126	ELISA for human serum leucine-rich alpha-2-glycoprotein-1 employing cytochrome c as the capturing ligand. Journal of Immunological Methods, 2008, 336, 22-29.	1.4	53

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127	The Spl Serine Proteases Modulate Staphylococcus aureus Protein Production and Virulence in a Rabbit Model of Pneumonia. MSphere, 2016, 1, .	2.9	53
128	In vivo assessment of human vaginal oxygen and carbon dioxide levels during and post menses. Journal of Applied Physiology, 2005, 99, 1582-1591.	2.5	52
129	Role of T Cells and Gamma Interferon during Induction of Hypersensitivity to Lipopolysaccharide by Toxic Shock Syndrome Toxin 1 in Mice. Infection and Immunity, 2001, 69, 1256-1264.	2.2	51
130	Analysis of Toxic Shock Syndrome Isolates Producing Staphylococcal Enterotoxins B and Cl with Use of Southern Hybridization and Immunologic Assays. Clinical Infectious Diseases, 1989, 11, S75-S82.	5.8	50
131	Molecular structure of staphylococcus and streptococcus superantigens. Journal of Clinical Immunology, 1995, 15, S4-S10.	3.8	50
132	The SrrAB two-component system regulates Staphylococcus aureus pathogenicity through redox sensitive cysteines. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10989-10999.	7.1	50
133	Permeability of the middle ear to staphylococcal pyrogenic exotoxin in otitis media. International Journal of Pediatric Otorhinolaryngology, 1980, 1, 301-308.	1.0	49
134	Penetration of toxic shock syndrome toxin-1 across porcine vaginal mucosa ex vivo: Permeability characteristics, toxin distribution, and tissue damage. American Journal of Obstetrics and Gynecology, 2003, 189, 1785-1791.	1.3	47
135	Structural Evidence for the Evolution of Pyrogenic Toxin Superantigens. Journal of Molecular Evolution, 2000, 51, 520-531.	1.8	46
136	The lipid membrane of HIV-1 stabilizes the viral envelope glycoproteins and modulates their sensitivity to antibody neutralization. Journal of Biological Chemistry, 2020, 295, 348-362.	3.4	46
137	Functional Characterization of Streptococcal Pyrogenic Exotoxin J, a Novel Superantigen. Infection and Immunity, 2001, 69, 1381-1388.	2.2	45
138	Functional Analysis of the TCR Binding Domain of Toxic Shock Syndrome Toxin-1 Predicts Further Diversity in MHC Class II/Superantigen/TCR Ternary Complexes. Journal of Immunology, 2003, 171, 1385-1392.	0.8	44
139	Chronic Superantigen Exposure Induces Systemic Inflammation, Elevated Bloodstream Endotoxin, and Abnormal Glucose Tolerance in Rabbits: Possible Role in Diabetes. MBio, 2015, 6, e02554.	4.1	44
140	Novel Tissue Level Effects of the Staphylococcus aureus Enterotoxin Gene Cluster Are Essential for Infective Endocarditis. PLoS ONE, 2016, 11, e0154762.	2.5	44
141	Molecular epidemiology of staphylococcal scalded skin syndrome in premature infants. Pediatric Infectious Disease Journal, 1998, 17, 329-334.	2.0	44
142	Resolution of highly purified toxic-shock syndrome toxin 1 into two distinct proteins by isoelectric focusing. Biochemistry, 1986, 25, 54-59.	2.5	43
143	STREPTOCOCCAL TOXIC SHOCK-LIKE SYNDROME AS A COMPLICATION OF VARICELLA. Pediatric Infectious Disease Journal, 1991, 10, 77-78.	2.0	43
144	Formation of Vegetations during Infective Endocarditis Excludes Binding of Bacterialâ€Specific Host Antibodies toEnterococcus faecalis. Journal of Infectious Diseases, 2002, 185, 994-997.	4.0	43

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145	Comparison of Staphylococcus aureus strains for ability to cause infective endocarditis and lethal sepsis in rabbits. Frontiers in Cellular and Infection Microbiology, 2012, 2, 18.	3.9	43
146	Semen Exosomes Promote Transcriptional Silencing of HIV-1 by Disrupting NF-ÎºB/Sp1/Tat Circuitry. Journal of Virology, 2018, 92, .	3.4	42
147	Glycerol Monolaurate Inhibits Virulence Factor Production in Bacillus anthracis. Antimicrobial Agents and Chemotherapy, 2005, 49, 1302-1305.	3.2	41
148	Menaquinone Analogs Inhibit Growth of Bacterial Pathogens. Antimicrobial Agents and Chemotherapy, 2013, 57, 5432-5437.	3.2	41
149	Evaluation of the Enterococcus faecalis Biofilm-Associated Virulence Factors AhrC and Eep in Rat Foreign Body Osteomyelitis and In Vitro Biofilm-Associated Antimicrobial Resistance. PLoS ONE, 2015, 10, e0130187.	2.5	40
150	Cloning and characterization of the gene, speC, for pyrogenic exotoxin type C from Streptococcus pyogenes. Molecular Genetics and Genomics, 1988, 212, 66-70.	2.4	39
151	Purification and characterization of staphylococcal pyrogenic exotoxin type B. Biochemistry, 1980, 19, 6204-6208.	2.5	37
152	[47] Immunochemical assays for toxic shock syndrome toxin-1. Methods in Enzymology, 1988, 165, 339-344.	1.0	37
153	The potential role of bacterial superantigens in the pathogenesis of Kawasaki syndrome. Journal of Clinical Immunology, 1995, 15, S11-S17.	3.8	37
154	Glycerol Monolaurate and Dodecylglycerol Effects on Staphylococcus aureus and Toxic Shock Syndrome Toxin-1 In Vitro and In Vivo. PLoS ONE, 2009, 4, e7499.	2.5	37
155	Staphylococcus aureus Exotoxins Are Present In Vivo in Tampons. Vaccine Journal, 2010, 17, 722-727.	3.1	37
156	Proinflammatory Exoprotein Characterization of Toxic Shock Syndrome Staphylococcus aureus. Biochemistry, 2011, 50, 7157-7167.	2.5	37
157	Kawasaki Syndrome-Like Illness Associated with Infection Caused by Enterotoxin B-Secreting Staphylococcus aureus. Clinical Infectious Diseases, 1999, 29, 586-589.	5.8	36
158	Molecular Analysis of Staphylococcal Superantigens. Methods in Molecular Biology, 2014, 1085, 169-185.	0.9	36
159	The Staphylococcus aureus superantigen SElX is a bifunctional toxin that inhibits neutrophil function. PLoS Pathogens, 2017, 13, e1006461.	4.7	36
160	Association of Toxic Shock Syndrome Toxin-Secreting and Exfoliative Toxin-Secreting Staphylococcus aureus with Kawasaki Syndrome Complicated by Coronary Artery Disease. Pediatric Research, 1997, 42, 268-272.	2.3	36
161	Enterococcus faecalis Endocarditis Severity in Rabbits Is Reduced by IgG Fabs Interfering with Aggregation Substance. PLoS ONE, 2010, 5, e13194.	2.5	36
162	Toxic Shock Syndrome Toxin 1 Is Encoded by a Variable Genetic Element. Clinical Infectious Diseases, 1989, 11, S83-S89.	5.8	35

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163	Loxosceles arizonica Bite Associated With Shock. Annals of Emergency Medicine, 1997, 30, 701-703.	0.6	35
164	Antibodies to a Surface-Exposed, N-terminal Domain of Aggregation Substance Are Not Protective in the Rabbit Model of Enterococcus faecalis Infective Endocarditis. Infection and Immunity, 2001, 69, 3305-3314.	2.2	35
165	Transcriptome Analysis of Enterococcus faecalis during Mammalian Infection Shows Cells Undergo Adaptation and Exist in a Stringent Response State. PLoS ONE, 2014, 9, e115839.	2.5	35
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