Victor Nizet

List of Publications by Year in descending order

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494 papers	45,485 citations	1530 106 h-index	2940 189 g-index
556 all docs	556 docs citations	556 times ranked	46503 citing authors

#	Article	IF	Citations
1	HIF-1Î± Is Essential for Myeloid Cell-Mediated Inflammation. Cell, 2003, 112, 645-657.	13.5	1,862
2	Innate antimicrobial peptide protects the skin from invasive bacterial infection. Nature, 2001, 414, 454-457.	13.7	1,403
3	NF-ÎºB links innate immunity to the hypoxic response through transcriptional regulation of HIF-1Î±. Nature, 2008, 453, 807-811.	13.7	1,333
4	HIF Transcription Factors, Inflammation, and Immunity. Immunity, 2014, 41, 518-528.	6.6	880
5	Innate Immunity Gone Awry: Linking Microbial Infections to Chronic Inflammation and Cancer. Cell, 2006, 124, 823-835.	13.5	835
6	Development and Use of Personalized Bacteriophage-Based Therapeutic Cocktails To Treat a Patient with a Disseminated Resistant Acinetobacter baumannii Infection. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	795
7	ATP Release Guides Neutrophil Chemotaxis via P2Y2 and A3 Receptors. Science, 2006, 314, 1792-1795.	6.0	756
8	Disease Manifestations and Pathogenic Mechanisms of Group A Streptococcus. Clinical Microbiology Reviews, 2014, 27, 264-301.	5.7	668
9	Interdependence of hypoxic and innate immune responses. Nature Reviews Immunology, 2009, 9, 609-617.	10.6	616
10	Staphylococcus aureus golden pigment impairs neutrophil killing and promotes virulence through its antioxidant activity. Journal of Experimental Medicine, 2005, 202, 209-215.	4.2	613
11	HIF-1Î± expression regulates the bactericidal capacity of phagocytes. Journal of Clinical Investigation, 2005, 115, 1806-1815.	3.9	608
12	IKKÎ± limits macrophage NF-ÎºB activation and contributes to the resolution of inflammation. Nature, 2005, 434, 1138-1143.	13.7	601
13	DNase Expression Allows the Pathogen Group A Streptococcus to Escape Killing in Neutrophil Extracellular Traps. Current Biology, 2006, 16, 396-400.	1.8	581
14	Regulation of iron homeostasis by the hypoxia-inducible transcription factors (HIFs). Journal of Clinical Investigation, 2007, 117, 1926-1932.	3.9	538
15	Cutaneous Injury Induces the Release of Cathelicidin Anti-Microbial Peptides Active Against Group A Streptococcus. Journal of Investigative Dermatology, 2001, 117, 91-97.	0.3	488
16	Cutting Edge: Essential Role of Hypoxia Inducible Factor-1Î± in Development of Lipopolysaccharide-Induced Sepsis. Journal of Immunology, 2007, 178, 7516-7519.	0.4	449
17	A Cholesterol Biosynthesis Inhibitor Blocks Staphylococcus aureus Virulence. Science, 2008, 319, 1391-1394.	6.0	422
18	Direct cloning and refactoring of a silent lipopeptide biosynthetic gene cluster yields the antibiotic taromycin A. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1957-1962.	3.3	403

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19	Nuclease Expression by Staphylococcus aureus Facilitates Escape from Neutrophil Extracellular Traps. Journal of Innate Immunity, 2010, 2, 576-586.	1.8	402
20	DNase Sda1 provides selection pressure for a switch to invasive group A streptococcal infection. Nature Medicine, 2007, 13, 981-985.	15.2	371
21	Statins Enhance Formation of Phagocyte Extracellular Traps. Cell Host and Microbe, 2010, 8, 445-454.	5.1	368
22	Macrophage-like nanoparticles concurrently absorbing endotoxins and proinflammatory cytokines for sepsis management. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11488-11493.	3.3	364
23	Molecular mimicry of host sialylated glycans allows a bacterial pathogen to engage neutrophil Siglec-9 and dampen the innate immune response. Blood, 2009, 113, 3333-3336.	0.6	351
24	Human Monocytes Undergo Functional Re-programming during Sepsis Mediated by Hypoxia-Inducible Factor-1Î±. Immunity, 2015, 42, 484-498.	6.6	340
25	Selective Antimicrobial Action Is Provided by Phenol-Soluble Modulins Derived from Staphylococcus epidermidis, a Normal Resident of the Skin. Journal of Investigative Dermatology, 2010, 130, 192-200.	0.3	337
26	Molecular insight into invasive group A streptococcal disease. Nature Reviews Microbiology, 2011, 9, 724-736.	13.6	337
27	A NOD2â€“NALP1 complex mediates caspase-1-dependent IL-1Î² secretion in response to Bacillus anthracis infection and muramyl dipeptide. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7803-7808.	3.3	332
28	TLR4-dependent hepcidin expression by myeloid cells in response to bacterial pathogens. Blood, 2006, 107, 3727-3732.	0.6	316
29	Global chemical effects of the microbiome include new bile-acid conjugations. Nature, 2020, 579, 123-129.	13.7	316
30	The Ashwell receptor mitigates the lethal coagulopathy of sepsis. Nature Medicine, 2008, 14, 648-655.	15.2	311
31	Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. Nature Immunology, 2011, 12, 966-974.	7.0	295
32	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	5.0	295
33	Color me bad: microbial pigments as virulence factors. Trends in Microbiology, 2009, 17, 406-413.	3.5	282
34	Invasion of brain microvascular endothelial cells by group B streptococci. Infection and Immunity, 1997, 65, 5074-5081.	1.0	281
35	Auranofin exerts broad-spectrum bactericidal activities by targeting thiol-redox homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4453-4458.	3.3	259
36	Dynamic regulation of FGF23 by Fam20C phosphorylation, GalNAc-T3 glycosylation, and furin proteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5520-5525.	3.3	249

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37	Discovery and Characterization of Two Isoforms of Moronecidin, a Novel Antimicrobial Peptide from Hybrid Striped Bass. Journal of Biological Chemistry, 2002, 277, 5030-5039.	1.6	241
38	Hypoxia inducible factor (HIF) function in innate immunity and infection. Journal of Molecular Medicine, 2007, 85, 1339-1346.	1.7	236
39	Innate immunity turned inside-out: antimicrobial defense by phagocyte extracellular traps. Journal of Molecular Medicine, 2009, 87, 775-783.	1.7	232
40	Use of Antistaphylococcal Â-Lactams to Increase Daptomycin Activity in Eradicating Persistent Bacteremia Due to Methicillin-Resistant Staphylococcus aureus: Role of Enhanced Daptomycin Binding. Clinical Infectious Diseases, 2011, 53, 158-163.	2.9	229
41	Comparative genome-scale modelling of Staphylococcus aureus strains identifies strain-specific metabolic capabilities linked to pathogenicity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3801-9.	3.3	229
42	Cutaneous Defense Mechanisms by Antimicrobial Peptides. Journal of Investigative Dermatology, 2005, 125, 9-13.	0.3	223
43	d -Alanylation of Teichoic Acids Promotes Group A Streptococcus Antimicrobial Peptide Resistance, Neutrophil Survival, and Epithelial Cell Invasion. Journal of Bacteriology, 2005, 187, 6719-6725.	1.0	222
44	Antimicrobial and Protease Inhibitory Functions of the Human Cathelicidin (hCAP18/LL-37) Prosequence. Journal of Investigative Dermatology, 2003, 120, 810-816.	0.3	221
45	Azithromycin Synergizes with Cationic Antimicrobial Peptides to Exert Bactericidal and Therapeutic Activity Against Highly Multidrug-Resistant Gram-Negative Bacterial Pathogens. EBioMedicine, 2015, 2, 690-698.	2.7	217
46	Antimicrobial peptide resistance mechanisms of human bacterial pathogens. Current Issues in Molecular Biology, 2006, 8, 11-26.	1.0	210
47	A Toll-Like Receptor 2-Responsive Lipid Effector Pathway Protects Mammals against Skin Infections with Gram-Positive Bacteria. Infection and Immunity, 2005, 73, 4512-4521.	1.0	205
48	Blood-brain barrier invasion by group B Streptococcus depends upon proper cell-surface anchoring of lipoteichoic acid. Journal of Clinical Investigation, 2005, 115, 2499-2507.	3.9	202
49	Sword and shield: Linked group B streptococcal Â-hemolysin/cytolysin and carotenoid pigment function to subvert host phagocyte defense. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14491-14496.	3.3	200
50	Genetic Locus for Streptolysin S Production by Group A Streptococcus. Infection and Immunity, 2000, 68, 4245-4254.	1.0	187
51	Understanding how leading bacterial pathogens subvert innate immunity to reveal novel therapeutic targets. Journal of Allergy and Clinical Immunology, 2007, 120, 13-22.	1.5	187
52	Molecular pathogenesis of neonatal group B streptococcal infection: no longer in its infancy. Molecular Microbiology, 2004, 54, 23-31.	1.2	182
53	Discovery of a widely distributed toxin biosynthetic gene cluster. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5879-5884.	3.3	182
54	Staphylococcus epidermidis Antimicrobial Î´-Toxin (Phenol-Soluble Modulin-Î³) Cooperates with Host Antimicrobial Peptides to Kill Group A Streptococcus. PLoS ONE, 2010, 5, e8557.	1.1	182

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55	Bass Hepcidin Synthesis, Solution Structure, Antimicrobial Activities and Synergism, and in Vivo Hepatic Response to Bacterial Infections. Journal of Biological Chemistry, 2005, 280, 9272-9282.	1.6	179
56	Point Mutation in the Group B Streptococcal pbp2x Gene Conferring Decreased Susceptibility to Î²-Lactam Antibiotics. Antimicrobial Agents and Chemotherapy, 2008, 52, 2915-2918.	1.4	179
57	Imaging mass spectrometry of intraspecies metabolic exchange revealed the cannibalistic factors of Bacillus subtilis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16286-16290.	3.3	179
58	Role of the hypoxia inducible factors HIF in iron metabolism. Cell Cycle, 2008, 7, 28-32.	1.3	177
59	Group B streptococcal Î²-hemolysin/cytolysin activates neutrophil signaling pathways in brain endothelium and contributes to development of meningitis. Journal of Clinical Investigation, 2003, 112, 736-744.	3.9	177
60	Invasive M1T1 group A Streptococcus undergoes a phase-shift in vivo to prevent proteolytic degradation of multiple virulence factors by SpeB. Molecular Microbiology, 2003, 51, 123-134.	1.2	174
61	The mammalian ionic environment dictates microbial susceptibility to antimicrobial defense peptides. FASEB Journal, 2006, 20, 35-42.	0.2	173
62	Group B Streptococcal Pilus Proteins Contribute to Adherence to and Invasion of Brain Microvascular Endothelial Cells. Journal of Bacteriology, 2007, 189, 1464-1467.	1.0	173
63	NOD2 contributes to cutaneous defense againstStaphylococcus aureusthrough Î±-toxin-dependent innate immune activation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12873-12878.	3.3	173
64	Recent advances in understanding the molecular basis of group BStreptococcusvirulence. Expert Reviews in Molecular Medicine, 2008, 10, e27.	1.6	166
65	Siglec-5 and Siglec-14 are polymorphic paired receptors that modulate neutrophil and amnion signaling responses to group B Streptococcus. Journal of Experimental Medicine, 2014, 211, 1231-1242.	4.2	163
66	The Ontogeny of a Neutrophil: Mechanisms of Granulopoiesis and Homeostasis. Microbiology and Molecular Biology Reviews, 2018, 82, .	2.9	160
67	Group B Streptococcal Î²â€Hemolysin/Cytolysin Promotes Invasion of Human Lung Epithelial Cells and the Release of Interleukinâ€8. Journal of Infectious Diseases, 2002, 185, 196-203.	1.9	158
68	The IL-8 Protease SpyCEP/ScpC of Group A Streptococcus Promotes Resistance to Neutrophil Killing. Cell Host and Microbe, 2008, 4, 170-178.	5.1	158
69	Phosphorylation of LC3 by the Hippo Kinases STK3/STK4 Is Essential for Autophagy. Molecular Cell, 2015, 57, 55-68.	4.5	158
70	M1 Protein Allows Group A Streptococcal Survival in Phagocyte Extracellular Traps through Cathelicidin Inhibition. Journal of Innate Immunity, 2009, 1, 202-214.	1.8	157
71	Group A streptococcal necrotizing fasciitis complicating primary varicella. Pediatric Infectious Disease Journal, 1995, 14, 588-593.	1.1	156
72	The surface-anchored NanA protein promotes pneumococcal brain endothelial cell invasion. Journal of Experimental Medicine, 2009, 206, 1845-1852.	4.2	155

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73	Genetic basis for the beta-haemolytic/cytolytic activity of group B Streptococcus. Molecular Microbiology, 2001, 39, 236-248.	1.2	154
74	Molecular Genetic Analysis of a Group A Streptococcus Operon Encoding Serum Opacity Factor and a Novel Fibronectin-Binding Protein, SfbX. Journal of Bacteriology, 2003, 185, 1208-1217.	1.0	152
75	Group B Streptococcal Capsular Sialic Acids Interact with Siglecs (Immunoglobulin-Like Lectins) on Human Leukocytes. Journal of Bacteriology, 2007, 189, 1231-1237.	1.0	152
76	Streptolysin O Promotes Group A Streptococcus Immune Evasion by Accelerated Macrophage Apoptosis. Journal of Biological Chemistry, 2009, 284, 862-871.	1.6	151
77	Antimicrobial Salvage Therapy for Persistent Staphylococcal Bacteremia Using Daptomycin Plus Ceftaroline. Clinical Therapeutics, 2014, 36, 1317-1333.	1.1	151
78	Group B streptococcal Î²-hemolysin/cytolysin activates neutrophil signaling pathways in brain endothelium and contributes to development of meningitis. Journal of Clinical Investigation, 2003, 112, 736-744.	3.9	151
79	Ampicillin Enhances Daptomycin- and Cationic Host Defense Peptide-Mediated Killing of Ampicillin- and Vancomycin-Resistant Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2012, 56, 838-844.	1.4	150
80	A streptococcal protease that degrades CXC chemokines and impairs bacterial clearance from infected tissues. EMBO Journal, 2006, 25, 4628-4637.	3.5	149
81	Mutational analysis of the group A streptococcal operon encoding streptolysin S and its virulence role in invasive infection. Molecular Microbiology, 2005, 56, 681-695.	1.2	148
82	Discovery and characterization of sialic acid O-acetylation in group B Streptococcus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11123-11128.	3.3	145
83	Group B Streptococcus suppression of phagocyte functions by protein-mediated engagement of human Siglec-5. Journal of Experimental Medicine, 2009, 206, 1691-1699.	4.2	144
84	Trigger for group A streptococcal M1T1 invasive disease. FASEB Journal, 2006, 20, 1745-1747.	0.2	140
85	Keratinocyte Production of Cathelicidin Provides Direct Activity against Bacterial Skin Pathogens. Infection and Immunity, 2005, 73, 6771-6781.	1.0	139
86	Coiled-Coil Irregularities and Instabilities in Group A Streptococcus M1 Are Required for Virulence. Science, 2008, 319, 1405-1408.	6.0	137
87	Novel Engagement of CD14 and Multiple Toll-Like Receptors by Group B Streptococci. Journal of Immunology, 2001, 167, 7069-7076.	0.4	135
88	Innovations in host and microbial sialic acid biosynthesis revealed by phylogenomic prediction of nonulosonic acid structure. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13552-13557.	3.3	135
89	Novel mechanism for the generation of human xeno-autoantibodies against the nonhuman sialic acid N-glycolylneuraminic acid. Journal of Experimental Medicine, 2010, 207, 1637-1646.	4.2	134
90	The Globally Disseminated M1T1 Clone of Group A Streptococcus Evades Autophagy for Intracellular Replication. Cell Host and Microbe, 2013, 14, 675-682.	5.1	134

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91	Effect of a bacterial pheromone peptide on host chemokine degradation in group A streptococcal necrotising soft-tissue infections. Lancet, The, 2004, 363, 696-703.	6.3	132
92	Cellular Activation, Phagocytosis, and Bactericidal Activity Against Group B Streptococcus Involve Parallel Myeloid Differentiation Factor 88-Dependent and Independent Signaling Pathways. Journal of Immunology, 2002, 169, 3970-3977.	0.4	130
93	Human milk oligosaccharides inhibit growth of group B Streptococcus. Journal of Biological Chemistry, 2017, 292, 11243-11249.	1.6	129
94	Streptolysin S and necrotising infections produced by group G streptococcus. Lancet, The, 2002, 359, 124-129.	6.3	127
95	Machine learning and structural analysis of Mycobacterium tuberculosis pan-genome identifies genetic signatures of antibiotic resistance. Nature Communications, 2018, 9, 4306.	5.8	126
96	Streptococcus suis Serotype 2 Interactions with Human Brain Microvascular Endothelial Cells. Infection and Immunity, 2000, 68, 637-643.	1.0	124
97	Collective Resistance in Microbial Communities by Intracellular Antibiotic Deactivation. PLoS Biology, 2016, 14, e2000631.	2.6	122
98	Nafcillin enhances innate immune-mediated killing of methicillin-resistant Staphylococcus aureus. Journal of Molecular Medicine, 2014, 92, 139-149.	1.7	121
99	The antimicrobial peptide LL-37 facilitates the formation of neutrophil extracellular traps. Biochemical Journal, 2014, 464, 3-11.	1.7	121
100	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.	5.1	121
101	Novel Role of the Antimicrobial Peptide LL-37 in the Protection of Neutrophil Extracellular Traps against Degradation by Bacterial Nucleases. Journal of Innate Immunity, 2014, 6, 860-868.	1.8	120
102	Critical Role of HIF-1Î± in Keratinocyte Defense against Bacterial Infection. Journal of Investigative Dermatology, 2008, 128, 1964-1968.	0.3	116
103	M Protein and Hyaluronic Acid Capsule Are Essential for In Vivo Selection of covRS Mutations Characteristic of Invasive Serotype M1T1 Group A Streptococcus. MBio, 2010, 1, .	1.8	116
104	Alanylation of Teichoic Acids ProtectsStaphylococcus aureusagainst Tollâ€like Receptor 2â€“Dependent Host Defense in a Mouse Tissue Cage Infection Model. Journal of Infectious Diseases, 2003, 188, 414-423.	1.9	115
105	IL-1Î² is an innate immune sensor of microbial proteolysis. Science Immunology, 2016, 1, .	5.6	115
106	The interplay between Siglecs and sialylated pathogens. Glycobiology, 2014, 24, 818-825.	1.3	114
107	Streptococcal Î²-hemolysins: genetics and role in disease pathogenesis. Trends in Microbiology, 2002, 10, 575-580.	3.5	112
108	Clinical Data on Daptomycin plus Ceftaroline versus Standard of Care Monotherapy in the Treatment of Methicillin-Resistant Staphylococcus aureus Bacteremia. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	112

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109	Group B Streptococcal Maternal Colonization and Neonatal Disease: Molecular Mechanisms and Preventative Approaches. Frontiers in Pediatrics, 2018, 6, 27.	0.9	111
110	Streptococcus iniae Phosphoglucomutase Is a Virulence Factor and a Target for Vaccine Development. Infection and Immunity, 2005, 73, 6935-6944.	1.0	109
111	The Group B Streptococcal Serineâ€Rich Repeat 1 Glycoprotein Mediates Penetration of the Bloodâ€Brain Barrier. Journal of Infectious Diseases, 2009, 199, 1479-1487.	1.9	108
112	Microbial competition between Bacillus subtilis and Staphylococcus aureus monitored by imaging mass spectrometry. Microbiology (United Kingdom), 2011, 157, 2485-2492.	0.7	108
113	Group B Streptococcus Engages an Inhibitory Siglec through Sialic Acid Mimicry to Blunt Innate Immune and Inflammatory Responses In Vivo. PLoS Pathogens, 2014, 10, e1003846.	2.1	108
114	Inhibition of Staphyloxanthin Virulence Factor Biosynthesis in Staphylococcus aureus: In Vitro, in Vivo, and Crystallographic Results. Journal of Medicinal Chemistry, 2009, 52, 3869-3880.	2.9	106
115	Influences of Chloride and Hypochlorite on Neutrophil Extracellular Trap Formation. PLoS ONE, 2012, 7, e42984.	1.1	106
116	Sulfur(VI) Fluoride Exchange (SuFEx)-Enabled High-Throughput Medicinal Chemistry. Journal of the American Chemical Society, 2020, 142, 10899-10904.	6.6	105
117	Group B Streptococcus Â-hemolysin/Cytolysin Breaches Maternal-Fetal Barriers to Cause Preterm Birth and Intrauterine Fetal Demise in Vivo. Journal of Infectious Diseases, 2014, 210, 265-273.	1.9	104
118	IL-1Î²-driven neutrophilia preserves antibacterial defense in the absence of the kinase IKKÎ². Nature Immunology, 2011, 12, 144-150.	7.0	102
119	Streptococcal M1 protein constructs a pathological host fibrinogen network. Nature, 2011, 472, 64-68.	13.7	100
120	Evasion of Neutrophil Extracellular Traps by Respiratory Pathogens. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 423-431.	1.4	99
121	Tamoxifen augments the innate immune function of neutrophils through modulation of intracellular ceramide. Nature Communications, 2015, 6, 8369.	5.8	98
122	A new pharmacological agent (AKB-4924) stabilizes hypoxia inducible factor-1 (HIF-1) and increases skin innate defenses against bacterial infection. Journal of Molecular Medicine, 2012, 90, 1079-1089.	1.7	97
123	Pharmacological Targeting of the Hostâ€“Pathogen Interaction: Alternatives to Classical Antibiotics to Combat Drug-Resistant Superbugs. Trends in Pharmacological Sciences, 2017, 38, 473-488.	4.0	97
124	Anthrax toxins cooperatively inhibit endocytic recycling by the Rab11/Sec15 exocyst. Nature, 2010, 467, 854-858.	13.7	95
125	Genetic Switch to Hypervirulence Reduces Colonization Phenotypes of the Globally Disseminated Group AStreptococcusM1T1 Clone. Journal of Infectious Diseases, 2010, 202, 11-19.	1.9	95
126	EndoS2 is a unique and conserved enzyme of serotype M49 group A Streptococcus that hydrolyses N-linked glycans on IgG and Î±1-acid glycoprotein. Biochemical Journal, 2013, 455, 107-118.	1.7	95

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127	Group B Streptococcal Infections. , 2011, , 419-469.		94
128	Bacterial Evasion of Host Antimicrobial Peptide Defenses. Microbiology Spectrum, 2016, 4, .	1.2	94
129	Innate immune-induced depletion of bone marrow neutrophils aggravates systemic bacterial infections. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7107-7112.	3.3	93
130	Cell death during sepsis: integration of disintegration in the inflammatory response to overwhelming infection. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 509-521.	2.2	92
131	Antimicrobial peptides and the skin. Expert Opinion on Biological Therapy, 2004, 4, 543-549.	1.4	91
132	Elevated Serum Interleukin-10 at Time of Hospital Admission Is Predictive of Mortality in Patients With Staphylococcus aureus Bacteremia. Journal of Infectious Diseases, 2012, 206, 1604-1611.	1.9	90
133	Recurrent group A Streptococcus tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T _{FH} cells. Science Translational Medicine, 2019, 11, .	5.8	90
134	Relationship between Expression of the Family of M Proteins and Lipoteichoic Acid to Hydrophobicity and Biofilm Formation in Streptococcus pyogenes. PLoS ONE, 2009, 4, e4166.	1.1	88
135	Broadâ€Spectrum Neutralization of Poreâ€Forming Toxins with Human Erythrocyte Membraneâ€Coated Nanosponges. Advanced Healthcare Materials, 2018, 7, e1701366.	3.9	87
136	Immunomodulatory activity of extracellular Hsp70 mediated via paired receptors Siglecâ€5 andÂSiglecâ€14. EMBO Journal, 2015, 34, 2775-2788.	3.5	86
137	Erythrocyte sialoglycoproteins engage Siglec-9 on neutrophils to suppress activation. Blood, 2017, 129, 3100-3110.	0.6	86
138	Methicillin-resistant Staphylococcus aureus Bacterial Nitric-oxide Synthase Affects Antibiotic Sensitivity and Skin Abscess Development. Journal of Biological Chemistry, 2013, 288, 6417-6426.	1.6	85
139	The GraRS regulatory system controls Staphylococcus aureus susceptibility to antimicrobial host defenses. BMC Microbiology, 2008, 8, 85.	1.3	83
140	Fetal calf serum contains heat-stable nucleases that degrade neutrophil extracellular traps. Blood, 2009, 114, 5245-5246.	0.6	83
141	Ceftaroline Restores Daptomycin Activity against Daptomycin-Nonsusceptible Vancomycin-Resistant Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2014, 58, 1494-1500.	1.4	83
142	A group B streptococcal pilus protein promotes phagocyte resistance and systemic virulence. FASEB Journal, 2008, 22, 1715-1724.	0.2	82
143	Cholera Toxin Disrupts Barrier Function by Inhibiting Exocyst-Mediated Trafficking of Host Proteins to Intestinal Cell Junctions. Cell Host and Microbe, 2013, 14, 294-305.	5.1	82
144	Streptolysin O Rapidly Impairs Neutrophil Oxidative Burst and Antibacterial Responses to Group A Streptococcus. Frontiers in Immunology, 2015, 6, 581.	2.2	82

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145	Group B Streptococcal Î²-Hemolysin Promotes Injury of Lung Microvascular Endothelial Cells. Pediatric Research, 1999, 45, 626-634.	1.1	82
146	Streptococcus iniae M-Like Protein Contributes to Virulence in Fish and Is a Target for Live Attenuated Vaccine Development. PLoS ONE, 2008, 3, e2824.	1.1	81
147	Anthrax Toxin Induces Macrophage Death by p38 MAPK Inhibition but Leads to Inflammasome Activation via ATP Leakage. Immunity, 2011, 35, 34-44.	6.6	80
148	How Neutrophils Meet Their End. Trends in Immunology, 2020, 41, 531-544.	2.9	80
149	Cathelicidins and Innate Defense Against Invasive Bacterial Infection. Scandinavian Journal of Infectious Diseases, 2003, 35, 670-676.	1.5	79
150	Pharmacologic Augmentation of Hypoxiaâ€Inducible Factorâ€“1Î± with Mimosine Boosts the Bactericidal Capacity of Phagocytes. Journal of Infectious Diseases, 2008, 197, 214-217.	1.9	79
151	Endogenous production of antimicrobial peptides in innate immunity and human disease. Current Allergy and Asthma Reports, 2003, 3, 402-409.	2.4	77
152	Streptococcal toxins: role in pathogenesis and disease. Cellular Microbiology, 2015, 17, 1721-1741.	1.1	76
153	Cationic antimicrobial peptide resistance mechanisms of streptococcal pathogens. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 3047-3054.	1.4	76
154	The long noncoding <scp>RNA</scp> <scp>ROCKI</scp> regulates inflammatory gene expression. EMBO Journal, 2019, 38, .	3.5	76
155	Streptococcus iniae Capsule Impairs Phagocytic Clearance and Contributes to Virulence in Fish. Journal of Bacteriology, 2007, 189, 1279-1287.	1.0	74
156	Role of Staphylococcus aureus Catalase in Niche Competition against Streptococcus pneumoniae. Journal of Bacteriology, 2008, 190, 2275-2278.	1.0	73
157	DNase Sda1 Allows Invasive M1T1 Group A Streptococcus to Prevent TLR9-Dependent Recognition. PLoS Pathogens, 2012, 8, e1002736.	2.1	73
158	RAB11-mediated trafficking in hostâ€“pathogen interactions. Nature Reviews Microbiology, 2014, 12, 624-634.	13.6	73
159	Group A streptococcal M protein activates the NLRP3 inflammasome. Nature Microbiology, 2017, 2, 1425-1434.	5.9	73
160	Activity of the thiopeptide antibiotic nosiheptide against contemporary strains of methicillin-resistant Staphylococcus aureus. Journal of Antibiotics, 2012, 65, 593-598.	1.0	72
161	Loss of Siglec-14 reduces the risk of chronic obstructive pulmonary disease exacerbation. Cellular and Molecular Life Sciences, 2013, 70, 3199-3210.	2.4	72
162	Human Milk Oligosaccharides Protect Bladder Epithelial Cells Against Uropathogenic Escherichia coli Invasion and Cytotoxicity. Journal of Infectious Diseases, 2014, 209, 389-398.	1.9	72

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163	Recurrent infection progressively disables host protection against intestinal inflammation. Science, 2017, 358, .	6.0	72
164	Top-down mass spectrometry on low-resolution instruments: Characterization of phosphopantetheinylated carrier domains in polyketide and non-ribosomal biosynthetic pathways. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3107-3111.	1.0	71
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