Victor Nizet

List of Publications by Year in descending order

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494	45,485	1532 106	2949 189
papers	citations	h-index	g-index

556	556	556	46503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bicarbonate modulates delafloxacin activity against MDRStaphylococcus aureusandPseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2022, 77, 433-442.	1.3	8
2	Human Milk Oligosaccharides Reduce Murine Group BStreptococcusVaginal Colonization with Minimal Impact on the Vaginal Microbiota. MSphere, 2022, 7, e0088521.	1.3	14
3	Potent Activity of Ertapenem Plus Cefazolin Within Staphylococcal Biofilms: A Contributing Factor in the Treatment of Methicillin-Susceptible Staphylococcus aureus Endocarditis. Open Forum Infectious Diseases, 2022, 9, ofac159.	0.4	4
4	Impact of Clopidogrel on Clinical Outcomes in Patients with Staphylococcus aureus Bacteremia: a National Retrospective Cohort Study. Antimicrobial Agents and Chemotherapy, 2022, 66, e0211721.	1.4	8
5	Evaluation of Small Molecule Inhibitors of Pseudomonas Virulence factor LasB as Nonâ€Traditional Immunotherapeutics. FASEB Journal, 2022, 36, .	0.2	0
6	Contribution of Streptococcus pyogenes M87 protein to innate immune resistance and virulence. Microbial Pathogenesis, 2022, 169, 105636.	1.3	4
7	Non-Native Amino Acid Click Chemistry-Based Technology for Site-Specific Polysaccharide Conjugation to a Bacterial Protein Serving as Both Carrier and Vaccine Antigen. ACS Omega, 2022, 7, 24111-24120.	1.6	9
8	Engineered Biomimetic Platelet Membrane-Coated Nanoparticles Block Staphylococcus aureus Cytotoxicity and Protect Against Lethal Systemic Infection. Engineering, 2021, 7, 1149-1156.	3.2	19
9	Exploration of Bacterial Bottlenecks and Streptococcus pneumoniae Pathogenesis by CRISPRi-Seq. Cell Host and Microbe, 2021, 29, 107-120.e6.	5.1	66
10	Opportunistic Invasive Infection by Group A Streptococcus During Antiâ€“Interleukin-6 Immunotherapy. Journal of Infectious Diseases, 2021, 223, 1260-1264.	1.9	7
11	Identifying the effect of vancomycin on health careâ€“associated methicillin-resistant Staphylococcus aureus strains using bacteriological and physiological media. GigaScience, 2021, 10, .	3.3	5
12	More than a Pore: Nonlytic Antimicrobial Functions of Complement and Bacterial Strategies for Evasion. Microbiology and Molecular Biology Reviews, 2021, 85, .	2.9	8
13	A Novel N4-Like Bacteriophage Isolated from a Wastewater Source in South India with Activity against Several Multidrug-Resistant Clinical Pseudomonas aeruginosa Isolates. MSphere, 2021, 6, .	1.3	22
14	The lytic polysaccharide monooxygenase CbpD promotes Pseudomonas aeruginosa virulence in systemic infection. Nature Communications, 2021, 12, 1230.	5.8	57
15	Repurposed drugs block toxin-driven platelet clearance by the hepatic Ashwell-Morell receptor to clear Staphylococcus aureus bacteremia. Science Translational Medicine, 2021, 13, .	5.8	29
16	Streptococcus pyogenes upregulates arginine catabolism to exert its pathogenesis on the skin surface. Cell Reports, 2021, 34, 108924.	2.9	24
17	Current Paradigms of Combination Therapy in Methicillin-Resistant Staphylococcus aureus (MRSA) Bacteremia: Does it Work, Which Combination, and For Which Patients?. Clinical Infectious Diseases, 2021, 73, 2353-2360.	2.9	28
18	Hypoxia-Inducible Factor 1 Alpha Is Dispensable for Host Defense of Group B <i>Streptococcus</i> Colonization and Infection. Journal of Innate Immunity, 2021, 13, 391-403.	1.8	5

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19	Ticagrelor Increases Platelet-Mediated Staphylococcus aureus Killing, Resulting in Clearance of Bacteremia. Journal of Infectious Diseases, 2021, 224, 1566-1569.	1.9	19
20	Environmental conditions dictate differential evolution of vancomycin resistance in Staphylococcus aureus. Communications Biology, 2021, 4, 793.	2.0	18
21	Driving to Safety: CRISPR-Based Genetic Approaches to Reducing Antibiotic Resistance. Trends in Genetics, 2021, 37, 745-757.	2.9	8
22	Machine Learning of Bacterial Transcriptomes Reveals Responses Underlying Differential Antibiotic Susceptibility. MSphere, 2021, 6, e0044321.	1.3	12
23	Heat shock protein 27 activity is linked to endothelial barrier recovery after proinflammatory GPCR-induced disruption. Science Signaling, 2021, 14, eabc1044.	1.6	23
24	Immunobiology of the Classical Lancefield Group A Streptococcal Carbohydrate Antigen. Infection and Immunity, 2021, 89, e0029221.	1.0	7
25	Endothelial Heparan Sulfate Mediates Hepatic Neutrophil Trafficking and Injury during Staphylococcus aureus Sepsis. MBio, 2021, 12, e0118121.	1.8	8
26	Streptolysins are the primary inflammasome activators in macrophages during Streptococcus pyogenes infection. Immunology and Cell Biology, 2021, 99, 1040-1052.	1.0	12
27	Bacterial Membrane-Derived Vesicles Attenuate Vancomycin Activity against Methicillin-Resistant Staphylococcus aureus. Microorganisms, 2021, 9, 2055.	1.6	6
28	Novel Models of Streptococcus canis Colonization and Disease Reveal Modest Contributions of M-Like (SCM) Protein. Microorganisms, 2021, 9, 183.	1.6	3
29	Exploring the Impact of Ketodeoxynonulosonic Acid in Host-Pathogen Interactions Using Uptake and Surface Display by Nontypeable Haemophilus influenzae. MBio, 2021, 12, .	1.8	12
30	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. Journal of Experimental Medicine, 2021, 218, .	4.2	29
31	Site-Specific Conjugation of Cell Wall Polyrhamnose to Protein SpyAD Envisioning a Safe Universal Group A Streptococcal Vaccine. Infectious Microbes & Diseases, 2021, 3, 87-100.	0.5	22
32	Editorial: Host-Pathogen Interactions During Pneumococcal Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 752959.	1.8	0
33	The S Protein of Group B Streptococcus Is a Critical Virulence Determinant That Impacts the Cell Surface Virulome. Frontiers in Microbiology, 2021, 12, 729308.	1.5	4
34	Uremic serum damages endothelium by provoking excessive neutrophil extracellular trap formation. Scientific Reports, 2021, 11, 21439.	1.6	6
35	Dexmedetomidine does not directly inhibit neutrophil extracellular trap production. British Journal of Anaesthesia, 2021, , .	1.5	1
36	Interleukin (IL)-1Î² and IL-10 Host Responses in Patients With Staphylococcus aureus Bacteremia Determined by Antimicrobial Therapy. Clinical Infectious Diseases, 2020, 70, 2634-2640.	2.9	22

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37	Upon microbial challenge, human neutrophils undergo rapid changes in nuclear architecture and chromatin folding to orchestrate an immediate inflammatory gene program. Genes and Development, 2020, 34, 149-165.	2.7	27
38	Siglec-14 Enhances NLRP3-Inflammasome Activation in Macrophages. Journal of Innate Immunity, 2020, 12, 333-343.	1.8	33
39	Cefazolin and Ertapenem Salvage Therapy Rapidly Clears Persistent Methicillin-Susceptible Staphylococcus aureus Bacteremia. Clinical Infectious Diseases, 2020, 71, 1413-1418.	2.9	23
40	Prophage exotoxins enhance colonization fitness in epidemic scarlet fever-causing Streptococcus pyogenes. Nature Communications, 2020, 11, 5018.	5.8	35
41	TLR4 signaling and macrophage inflammatory responses are dampened by GIV/Girdin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26895-26906.	3.3	57
42	Evaluation of IL-17D in Host Immunity to Group A Streptococcus Infection. Journal of Immunology, 2020, 205, 3122-3129.	0.4	5
43	Evaluating Organism-Wide Changes in the Metabolome and Microbiome following a Single Dose of Antibiotic. MSystems, 2020, 5, .	1.7	6
44	An Irreversible Inhibitor to Probe the Role of Streptococcus pyogenes Cysteine Protease SpeB in Evasion of Host Complement Defenses. ACS Chemical Biology, 2020, 15, 2060-2069.	1.6	7
45	Developmental Immaturity of Siglec Receptor Expression on Neonatal Alveolar Macrophages Predisposes to Severe Group B Streptococcal Infection. IScience, 2020, 23, 101207.	1.9	7
46	T4 Pili Promote Colonization and Immune Evasion Phenotypes of Nonencapsulated M4 Streptococcus pyogenes. MBio, 2020, 11, .	1.8	12
47	The Pseudomonas aeruginosa protease LasB directly activates IL-1Î². EBioMedicine, 2020, 60, 102984.	2.7	24
48	Multidimensional Proteome Profiling of Blood-Brain Barrier Perturbation by Group BStreptococcus. MSystems, 2020, 5, .	1.7	7
49	Mortality Risk Profiling of Staphylococcus aureus Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. Cell, 2020, 182, 1311-1327.e14.	13.5	58
50	Antibiotics and Innate Immunity: A Cooperative Effort Towards the Successful Treatment of Infections. Open Forum Infectious Diseases, 2020, 7, ofaa302.	0.4	19
51	Sulfur(VI) Fluoride Exchange (SuFEx)-Enabled High-Throughput Medicinal Chemistry. Journal of the American Chemical Society, 2020, 142, 10899-10904.	6.6	105
52	All major cholesterol-dependent cytolysins use glycans as cellular receptors. Science Advances, 2020, 6, eaaz4926.	4.7	46
53	Role of peribrachial fat as a key determinant of brachial artery dilatation for successful arteriovenous fistula maturation in hemodialysis patients. Scientific Reports, 2020, 10, 3841.	1.6	0
54	Revealing 29 sets of independently modulated genes in Staphylococcus aureus , their regulators, and role in key physiological response. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17228-17239.	3.3	60

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55	Global chemical effects of the microbiome include new bile-acid conjugations. Nature, 2020, 579, 123-129.	13.7	316
56	Azithromycin Exerts Bactericidal Activity and Enhances Innate Immune Mediated Killing of MDR Achromobacter xylosoxidans. Infectious Microbes & Diseases, 2020, 2, 10-17.	0.5	9
57	Tuning the Innate Immune Response to Cyclic Dinucleotides by Using Atomic Mutagenesis. ChemBioChem, 2020, 21, 2595-2598.	1.3	6
58	Host Cathelicidin Exacerbates Group BStreptococcusUrinary Tract Infection. MSphere, 2020, 5, .	1.3	20
59	How Neutrophils Meet Their End. Trends in Immunology, 2020, 41, 531-544.	2.9	80
60	Genetic Determinants Enabling Medium-Dependent Adaptation to Nafcillin in Methicillin-Resistant Staphylococcus aureus. MSystems, 2020, 5, .	1.7	8
61	Siglecs at the Hostâ€“Pathogen Interface. Advances in Experimental Medicine and Biology, 2020, 1204, 197-214.	0.8	26
62	255. Ticagrelor Aids Platelet-Mediated Clearance in a Refractory Staphylococcus aureus Endovascular Infection with Septic Emboli. Open Forum Infectious Diseases, 2020, 7, S126-S127.	0.4	1
63	Genetic Characterization of Streptococcus pyogenes emm89 Strains Isolated in Japan From 2011 to 2019. Infectious Microbes & Diseases, 2020, 2, 160-166.	0.5	1
64	264. Anti-platelet Therapy Significantly Reduces Inpatient Mortality in Patients with Staphylococcus aureus Bacteremia. Open Forum Infectious Diseases, 2020, 7, S131-S131.	0.4	0
65	Is a Reported Penicillin Allergy Sufficient Grounds to Forgo the Multidimensional Antimicrobial Benefits of Î²-Lactam Antibiotics?. Clinical Infectious Diseases, 2019, 68, 157-164.	2.9	25
66	Functional and Proteomic Analysis of Streptococcus pyogenes Virulence Upon Loss of Its Native Cas9 Nuclease. Frontiers in Microbiology, 2019, 10, 1967.	1.5	11
67	Inflammasome inhibition blocks cardiac glycoside cell toxicity. Journal of Biological Chemistry, 2019, 294, 12846-12854.	1.6	15
68	Surprising synergy of dual translation inhibition vs. Acinetobacter baumannii and other multidrug-resistant bacterial pathogens. EBioMedicine, 2019, 46, 193-201.	2.7	35
69	Proteomic atlas of organ vasculopathies triggered by Staphylococcus aureus sepsis. Nature Communications, 2019, 10, 4656.	5.8	46
70	Strain-Specific Metabolic Requirements Revealed by a Defined Minimal Medium for Systems Analyses of Staphylococcus aureus. Applied and Environmental Microbiology, 2019, 85, .	1.4	21
71	Treatment of Multidrug-Resistant Vancomycin-Resistant Enterococcus faecium Hardware-Associated Vertebral Osteomyelitis with Oritavancin plus Ampicillin. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	18
72	Augmentation of Urinary Lactoferrin Enhances Host Innate Immune Clearance of Uropathogenic <i>Escherichia coli</i>. Journal of Innate Immunity, 2019, 11, 481-495.	1.8	33

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73	An Experimental Group A Streptococcus Vaccine That Reduces Pharyngitis and Tonsillitis in a Nonhuman Primate Model. MBio, 2019, 10, .	1.8	57
74	Characterization of CA-MRSA TCH1516 exposed to nafcillin in bacteriological and physiological media. Scientific Data, 2019, 6, 43.	2.4	14
75	Inhibition of Human Neutrophil Extracellular Trap (NET) Production by Propofol and Lipid Emulsion. Frontiers in Pharmacology, 2019, 10, 323.	1.6	24
76	Proton-pump inhibitors do not influence clinical outcomes in patients with Staphylococcus aureus bacteremia. Therapeutic Advances in Gastroenterology, 2019, 12, 175628481983427.	1.4	1
77	Impact of Anesthetics on Human Neutrophil Function. Anesthesia and Analgesia, 2019, 128, 569-574.	1.1	8
78	Refactoring the Cryptic Streptophenazine Biosynthetic Gene Cluster Unites Phenazine, Polyketide, and Nonribosomal Peptide Biochemistry. Cell Chemical Biology, 2019, 26, 724-736.e7.	2.5	48
79	Dual actions of group BStreptococcuscapsular sialic acid provide resistance to platelet-mediated antimicrobial killing. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7465-7470.	3.3	59
80	The long noncoding <scp>RNA</scp> <scp>ROCKI</scp> regulates inflammatory gene expression. EMBO Journal, 2019, 38, .	3.5	76
81	Homophilic protein interactions facilitate bacterial aggregation and IgG-dependent complex formation by the Streptococcus canis M protein SCM. Virulence, 2019, 10, 194-206.	1.8	2
82	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
83	Avibactam Sensitizes Carbapenem-Resistant NDM-1â€“Producing Klebsiella pneumoniae to Innate Immune Clearance. Journal of Infectious Diseases, 2019, 220, 484-493.	1.9	19
84	Detection of Epidemic Scarlet Fever Group A Streptococcus in Australia. Clinical Infectious Diseases, 2019, 69, 1232-1234.	2.9	19
85	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
86	Erythrocyte-Coated Nanoparticles Block Cytotoxic Effects of Group B Streptococcus Î²-Hemolysin/Cytolysin. Frontiers in Pediatrics, 2019, 7, 410.	0.9	25
87	Profiling the effect of nafcillin on HA-MRSA D712 using bacteriological and physiological media. Scientific Data, 2019, 6, 322.	2.4	8
88	Reply to Kalil et al., â€œIs Daptomycin plus Ceftaroline Associated with Better Clinical Outcomes than Standard of Care Monotherapy for Staphylococcus aureus Bacteremia?â€• Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	2
89	A bacterial gene-drive system efficiently edits and inactivates a high copy number antibiotic resistance locus. Nature Communications, 2019, 10, 5726.	5.8	44
90	Docking simulation and antibiotic discovery targeting the MlaC protein in Gramâ€negative bacteria. Chemical Biology and Drug Design, 2019, 93, 647-652.	1.5	5

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91	<i>Trichomonas vaginalis</i> Induces NLRP3 Inflammasome Activation and Pyroptotic Cell Death in Human Macrophages. Journal of Innate Immunity, 2019, 11, 86-98.	1.8	27
92	Enhanced topical delivery of non-complexed molecular iodine for Methicillin-resistant Staphylococcus aureus decolonization. International Journal of Pharmaceutics, 2019, 554, 81-86.	2.6	6
93	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
94	The Fungal Pathogen Candida albicans Promotes Bladder Colonization of Group B Streptococcus. Frontiers in Cellular and Infection Microbiology, 2019, 9, 437.	1.8	18
95	PHLPP1 counter-regulates STAT1-mediated inflammatory signaling. ELife, 2019, 8, .	2.8	22
96	SCH79797 improves outcomes in experimental bacterial pneumonia by boosting neutrophil killing and direct antibiotic activity. Journal of Antimicrobial Chemotherapy, 2018, 73, 1586-1594.	1.3	18
97	Clove Bud Oil Modulates Pathogenicity Phenotypes of the Opportunistic Human Pathogen Pseudomonas aeruginosa. Scientific Reports, 2018, 8, 3437.	1.6	15
98	Broadâ€Spectrum Neutralization of Poreâ€Forming Toxins with Human Erythrocyte Membraneâ€Coated Nanosponges. Advanced Healthcare Materials, 2018, 7, e1701366.	3.9	87
99	The TLR4-PAR1 Axis Regulates Bone Marrow Mesenchymal Stromal Cell Survival and Therapeutic Capacity in Experimental Bacterial Pneumonia. Stem Cells, 2018, 36, 796-806.	1.4	24
100	Genome-scale analysis of Methicillin-resistant Staphylococcus aureus USA300 reveals a tradeoff between pathogenesis and drug resistance. Scientific Reports, 2018, 8, 2215.	1.6	28
101	The Ontogeny of a Neutrophil: Mechanisms of Granulopoiesis and Homeostasis. Microbiology and Molecular Biology Reviews, 2018, 82, .	2.9	160
102	Listeria monocytogenes endocarditis: case report, review of the literature, and laboratory evaluation of potential novel antibiotic synergies. International Journal of Antimicrobial Agents, 2018, 51, 468-478.	1.1	18
103	Streptococcus pyogenes (Group A Streptococcus). , 2018, , 715-723.e2.		2
104	Telavancin for refractory MRSA bacteraemia in intermittent haemodialysis recipients. Journal of Antimicrobial Chemotherapy, 2018, 73, 764-767.	1.3	11
105	Immunoglobulin Attenuates Streptokinase-Mediated Virulence inStreptococcus dysgalactiae Subspeciesequisimilis Necrotizing Fasciitis. Journal of Infectious Diseases, 2018, 217, 270-279.	1.9	7
106	Humanized Exposures of Î²-Lactam-Î²-Lactamase Inhibitor, Tazobactam, versus Non-Î²-Lactam-Î²-Lactamase Inhibitor, Avibactam, with or without Colistin, against <i>Acinetobacter baumannii</i> in Murine Thigh and Lung Infection Models. Pharmacology, 2018, 101, 255-261.	0.9	8
107	Modeling neuro-immune interactions during Zika virus infection. Human Molecular Genetics, 2018, 27, 41-52.	1.4	50
108	Isolation and structure elucidation of lipopeptide antibiotic taromycin B from the activated taromycin biosynthetic gene cluster. Journal of Antibiotics, 2018, 71, 333-338.	1.0	59

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109	Group A Streptococcus encounters with host macrophages. Future Microbiology, 2018, 13, 119-134.	1.0	33
110	637. Î'-Lactam (BL) Antibiotics Promote an IL-1Î² Response in Patients with Staphylococcus aureus Bacteremia (SaB). Open Forum Infectious Diseases, 2018, 5, S232-S232.	0.4	0
111	The murine vaginal microbiota and its perturbation by the human pathogen group B Streptococcus. BMC Microbiology, 2018, 18, 197.	1.3	52
112	Virulence Role of the GlcNAc Side Chain of the Lancefield Cell Wall Carbohydrate Antigen in Non-M1-Serotype Group AStreptococcus. MBio, 2018, 9, .	1.8	30
113	Pharmacological Targeting of Pore-Forming Toxins as Adjunctive Therapy for Invasive Bacterial Infection. Toxins, 2018, 10, 542.	1.5	33
114	2390. Avibactam Sensitizes NDM Klebsiella pneumoniae to Innate Immune Killing by Human Cathelicidin LL-37, Serum, Neutrophils, and Platelets. Open Forum Infectious Diseases, 2018, 5, S712-S713.	0.4	0
115	Siglec-7 engagement by GBS Î²-protein suppresses pyroptotic cell death of natural killer cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10410-10415.	3.3	38
116	Accelerated Aging and Clearance of Host Anti-inflammatory Enzymes by Discrete Pathogens Fuels Sepsis. Cell Host and Microbe, 2018, 24, 500-513.e5.	5.1	38
117	Tamm-Horsfall Protein Protects the Urinary Tract against Candida albicans. Infection and Immunity, 2018, 86, .	1.0	16
118	Streptococcal Lancefield polysaccharides are critical cell wall determinants for human Group IIA secreted phospholipase A2 to exert its bactericidal effects. PLoS Pathogens, 2018, 14, e1007348.	2.1	16
119	Machine learning and structural analysis of Mycobacterium tuberculosis pan-genome identifies genetic signatures of antibiotic resistance. Nature Communications, 2018, 9, 4306.	5.8	126
120	Decontaminating surfaces with atomized disinfectants generated by a novel thickness-mode lithium niobate device. Applied Microbiology and Biotechnology, 2018, 102, 6459-6467.	1.7	8
121	Group B Streptococcal Maternal Colonization and Neonatal Disease: Molecular Mechanisms and Preventative Approaches. Frontiers in Pediatrics, 2018, 6, 27.	0.9	111
122	Innate Immune Interactions between Bacillus anthracis and Host Neutrophils. Frontiers in Cellular and Infection Microbiology, 2018, 8, 2.	1.8	16
123	Group A Streptococcus M1T1 Intracellular Infection of Primary Tonsil Epithelial Cells Dampens Levels of Secreted IL-8 Through the Action of SpyCEP. Frontiers in Cellular and Infection Microbiology, 2018, 8, 160.	1.8	23
124	Wnt5A Signaling Promotes Defense Against Bacterial Pathogens by Activating a Host Autophagy Circuit. Frontiers in Immunology, 2018, 9, 679.	2.2	49
125	Stabilization of Hypoxia-Inducible Factor-1 Alpha Augments the Therapeutic Capacity of Bone Marrow-Derived Mesenchymal Stem Cells in Experimental Pneumonia. Frontiers in Medicine, 2018, 5, 131.	1.2	12
126	Staphylococcus aureus Membrane-Derived Vesicles Promote Bacterial Virulence and Confer Protective Immunity in Murine Infection Models. Frontiers in Microbiology, 2018, 9, 262.	1.5	65

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127	Group B Streptococcus Biofilm Regulatory Protein A Contributes to Bacterial Physiology and Innate Immune Resistance. Journal of Infectious Diseases, 2018, 218, 1641-1652.	1.9	38
128	Staphylococcus aureus modulation of innate immune responses through Toll-like (TLR), (NOD)-like (NLR) and C-type lectin (CLR) receptors. FEMS Microbiology Reviews, 2018, 42, 656-671.	3.9	60
129	Human evolutionary loss of epithelial Neu5Gc expression and species-specific susceptibility to cholera. PLoS Pathogens, 2018, 14, e1007133.	2.1	33
130	The tumor suppressor phosphatase PHLPP1 suppresses inflammatory signaling by regulating the phosphorylation state and activity of STAT1. FASEB Journal, 2018, 32, 648.11.	0.2	0
131	Paired Siglec receptors generate opposite inflammatory responses to a humanâ€specific pathogen. EMBO Journal, 2017, 36, 751-760.	3.5	62
132	Evidence To Support Continuation of Statin Therapy in Patients with Staphylococcus aureus Bacteremia. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	19
133	Loss of CMAH during Human Evolution Primed the Monocyteâ€“Macrophage Lineage toward a More Inflammatory and Phagocytic State. Journal of Immunology, 2017, 198, 2366-2373.	0.4	37
134	Whole-Genome Sequencing of Invasion-Resistant Cells Identifies Laminin Î±2 as a Host Factor for Bacterial Invasion. MBio, 2017, 8, .	1.8	36
135	Group A Streptococcal M1 Protein Provides Resistance against the Antimicrobial Activity of Histones. Scientific Reports, 2017, 7, 43039.	1.6	29
136	Blood Group Antigen Recognition via the Group A Streptococcal M Protein Mediates Host Colonization. MBio, 2017, 8, .	1.8	25
137	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
138	Human milk oligosaccharides inhibit growth of group B Streptococcus. Journal of Biological Chemistry, 2017, 292, 11243-11249.	1.6	129
139	Erythrocyte sialoglycoproteins engage Siglec-9 on neutrophils to suppress activation. Blood, 2017, 129, 3100-3110.	0.6	86
140	Cathelicidin-deficient mice exhibit increased survival and upregulation of key inflammatory response genes following cecal ligation and puncture. Journal of Molecular Medicine, 2017, 95, 995-1003.	1.7	19
141	Increased Endovascular Staphylococcus aureus Inoculum Is the Link Between Elevated Serum Interleukin 10 Concentrations and Mortality in Patients With Bacteremia. Clinical Infectious Diseases, 2017, 64, 1406-1412.	2.9	37
142	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
143	Tammâ€“Horsfall glycoprotein engages human Siglecâ€9 to modulate neutrophil activation in the urinary tract. Immunology and Cell Biology, 2017, 95, 960-965.	1.0	23
144	Group A streptococcal M protein activates the NLRP3 inflammasome. Nature Microbiology, 2017, 2, 1425-1434.	5.9	73

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145	Engineered proteins with sensing and activating modules for automated reprogramming of cellular functions. Nature Communications, 2017, 8, 477.	5.8	33
146	The Accidental Orthodoxy of Drs. Mueller and Hinton. EBioMedicine, 2017, 22, 26-27.	2.7	28
147	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
148	Interaction of Antibiotics with Innate Host Defense Factors against Salmonella enterica Serotype Newport. MSphere, 2017, 2, .	1.3	28
149	Self-Assembled Colloidal Gel Using Cell Membrane-Coated Nanosponges as Building Blocks. ACS Nano, 2017, 11, 11923-11930.	7.3	59
150	Serine-Aspartate Repeat Protein D Increases Staphylococcus aureus Virulence and Survival in Blood. Infection and Immunity, 2017, 85, .	1.0	41
151	Evasion of Neutrophil Extracellular Traps by Respiratory Pathogens. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 423-431.	1.4	99
152	Classical Î²-Lactamase Inhibitors Potentiate the Activity of Daptomycin against Methicillin-Resistant Staphylococcus aureus and Colistin against Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	18
153	Recurrent infection progressively disables host protection against intestinal inflammation. Science, 2017, 358, .	6.0	72
154	The Mla pathway is critical for Pseudomonas aeruginosa resistance to outer membrane permeabilization and host innate immune clearance. Journal of Molecular Medicine, 2017, 95, 1127-1136.	1.7	38
155	A Red Blood Cell Membrane-Camouflaged Nanoparticle Counteracts Streptolysin O-Mediated Virulence Phenotypes of Invasive Group A Streptococcus. Frontiers in Pharmacology, 2017, 8, 477.	1.6	57
156	Synergy between Ursolic and Oleanolic Acids from Vitellaria paradoxa Leaf Extract and Î²-Lactams against Methicillin-Resistant Staphylococcus aureus: In Vitro and In Vivo Activity and Underlying Mechanisms. Molecules, 2017, 22, 2245.	1.7	34
157	Age-Appropriate Functions and Dysfunctions of the Neonatal Neutrophil. Frontiers in Pediatrics, 2017, 5, 23.	0.9	68
158	Anthrax edema toxin disrupts distinct steps in Rab11-dependent junctional transport. PLoS Pathogens, 2017, 13, e1006603.	2.1	11
159	The Selective Estrogen Receptor Modulator Raloxifene Inhibits Neutrophil Extracellular Trap Formation. Frontiers in Immunology, 2016, 7, 566.	2.2	22
160	Interaction of Bacterial Exotoxins with Neutrophil Extracellular Traps: Impact for the Infected Host. Frontiers in Microbiology, 2016, 7, 402.	1.5	31
161	Differing Efficacies of Lead Group A Streptococcal Vaccine Candidates and Full-Length M Protein in Cutaneous and Invasive Disease Models. MBio, 2016, 7, .	1.8	51
162	Collective Resistance in Microbial Communities by Intracellular Antibiotic Deactivation. PLoS Biology, 2016, 14, e2000631.	2.6	122

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163	Conquering Neutrophils. PLoS Pathogens, 2016, 12, e1005682.	2.1	43
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