

Victor Nizet

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

484
papers

35,534
citations

95
h-index

172
g-index

556
ext. papers

41,452
ext. citations

8.7
avg, IF

7.33
L-index

#	Paper	IF	Citations
484	Human Milk Oligosaccharides Reduce Murine Group B Vaginal Colonization with Minimal Impact on the Vaginal Microbiota.. <i>MSphere</i> , 2022 , e0088521	5	3
483	Potent Activity of Ertapenem Plus Cefazolin Within Staphylococcal Biofilms: A Contributing Factor in the Treatment of Methicillin-Susceptible Endocarditis.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofac159	15.9	1
482	Impact of Clopidogrel on Clinical Outcomes in Patients with Staphylococcus aureus Bacteremia: a National Retrospective Cohort Study.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0211721	5.9	2
481	Uremic serum damages endothelium by provoking excessive neutrophil extracellular trap formation. <i>Scientific Reports</i> , 2021 , 11, 21439	4.9	2
480	Dexmedetomidine does not directly inhibit neutrophil extracellular trap production.. <i>British Journal of Anaesthesia</i> , 2021 ,	5.4	0
479	The S Protein of Group B Is a Critical Virulence Determinant That Impacts the Cell Surface Virulome. <i>Frontiers in Microbiology</i> , 2021 , 12, 729308	5.7	0
478	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	12
477	Site-Specific Conjugation of Cell Wall Polyrihamnose to Protein SpyAD Envisioning a Safe Universal Group A Streptococcal Vaccine. <i>Infectious Microbes & Diseases</i> , 2021 , 3, 87-100	1.3	7
476	Repurposed drugs block toxin-driven platelet clearance by the hepatic Ashwell-Morell receptor to clear bacteremia. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	8
475	Streptococcus pyogenes upregulates arginine catabolism to exert its pathogenesis on the skin surface. <i>Cell Reports</i> , 2021 , 34, 108924	10.6	3
474	Current Paradigms of Combination therapy in Methicillin-Resistant Staphylococcus aureus (MRSA) Bacteremia: Does it Work, Which Combination and For Which Patients?. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	11
473	Hypoxia-Inducible Factor 1 Alpha Is Dispensable for Host Defense of Group B Streptococcus Colonization and Infection. <i>Journal of Innate Immunity</i> , 2021 , 13, 391-403	6.9	2
472	Ticagrelor Increases Platelet-Mediated Staphylococcus aureus Killing, Resulting in Clearance of Bacteremia. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1566-1569	7	6
471	Environmental conditions dictate differential evolution of vancomycin resistance in Staphylococcus aureus. <i>Communications Biology</i> , 2021 , 4, 793	6.7	6
470	Exploration of Bacterial Bottlenecks and Streptococcus pneumoniae Pathogenesis by CRISPRi-Seq. <i>Cell Host and Microbe</i> , 2021 , 29, 107-120.e6	23.4	24
469	Opportunistic Invasive Infection by Group A Streptococcus During Anti-Interleukin-6 Immunotherapy. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1260-1264	7	3
468	More than a Pore: Nonlytic Antimicrobial Functions of Complement and Bacterial Strategies for Evasion. <i>Microbiology and Molecular Biology Reviews</i> , 2021 , 85,	13.2	4

467	A Novel N4-Like Bacteriophage Isolated from a Wastewater Source in South India with Activity against Several Multidrug-Resistant Clinical <i>Pseudomonas aeruginosa</i> Isolates. <i>MSphere</i> , 2021 , 6,	5	4
466	The lytic polysaccharide monoxygenase CbpD promotes <i>Pseudomonas aeruginosa</i> virulence in systemic infection. <i>Nature Communications</i> , 2021 , 12, 1230	17.4	15
465	Driving to Safety: CRISPR-Based Genetic Approaches to Reducing Antibiotic Resistance. <i>Trends in Genetics</i> , 2021 , 37, 745-757	8.5	2
464	Machine Learning of Bacterial Transcriptomes Reveals Responses Underlying Differential Antibiotic Susceptibility. <i>MSphere</i> , 2021 , 6, e0044321	5	1
463	Heat shock protein 27 activity is linked to endothelial barrier recovery after proinflammatory GPCR-induced disruption. <i>Science Signaling</i> , 2021 , 14, eabc1044	8.8	3
462	Immunobiology of the Classical Lancefield Group A Streptococcal Carbohydrate Antigen. <i>Infection and Immunity</i> , 2021 , 89, e0029221	3.7	0
461	Endothelial Heparan Sulfate Mediates Hepatic Neutrophil Trafficking and Injury during <i>Staphylococcus aureus</i> Sepsis. <i>MBio</i> , 2021 , 12, e0118121	7.8	0
460	Streptolysins are the primary inflammasome activators in macrophages during <i>Streptococcus pyogenes</i> infection. <i>Immunology and Cell Biology</i> , 2021 , 99, 1040-1052	5	1
459	Exploring the Impact of Ketodeoxynonulosonic Acid in Host-Pathogen Interactions Using Uptake and Surface Display by Nontypeable <i>Haemophilus influenzae</i> . <i>MBio</i> , 2021 , 12,	7.8	4
458	Sulfur(VI) Fluoride Exchange (SuFEx)-Enabled High-Throughput Medicinal Chemistry. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10899-10904	16.4	34
457	All major cholesterol-dependent cytolysins use glycans as cellular receptors. <i>Science Advances</i> , 2020 , 6, eaaz4926	14.3	27
456	Role of peribrachial fat as a key determinant of brachial artery dilatation for successful arteriovenous fistula maturation in hemodialysis patients. <i>Scientific Reports</i> , 2020 , 10, 3841	4.9	
455	Revealing 29 sets of independently modulated genes in , their regulators, and role in key physiological response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17228-17239	11.5	23
454	Global chemical effects of the microbiome include new bile-acid conjugations. <i>Nature</i> , 2020 , 579, 123-129	10.4	129
453	Azithromycin Exerts Bactericidal Activity and Enhances Innate Immune Mediated Killing of MDR <i>Achromobacter xylooxidans</i> . <i>Infectious Microbes & Diseases</i> , 2020 , 2, 10-17	1.3	4
452	Tuning the Innate Immune Response to Cyclic Dinucleotides by Using Atomic Mutagenesis. <i>ChemBioChem</i> , 2020 , 21, 2595-2598	3.8	4
451	Host Cathelicidin Exacerbates Group B Urinary Tract Infection. <i>MSphere</i> , 2020 , 5,	5	8
450	Genetic Characterization of <i>Streptococcus pyogenes</i> emm89 Strains Isolated in Japan From 2011 to 2019. <i>Infectious Microbes & Diseases</i> , 2020 , 2, 160-166	1.3	1

449	264. Anti-platelet Therapy Significantly Reduces Inpatient Mortality in Patients with Staphylococcus aureus Bacteremia. <i>Open Forum Infectious Diseases</i> , 2020 , 7, S131-S131	1	
448	Siglecs at the Host-Pathogen Interface. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1204, 197-214	14	
447	255. Ticagrelor Aids Platelet-Mediated Clearance in a Refractory Staphylococcus aureus Endovascular Infection with Septic Emboli. <i>Open Forum Infectious Diseases</i> , 2020 , 7, S126-S127	1	1
446	Upon microbial challenge, human neutrophils undergo rapid changes in nuclear architecture and chromatin folding to orchestrate an immediate inflammatory gene program. <i>Genes and Development</i> , 2020 , 34, 149-165	12.6	10
445	Siglec-14 Enhances NLRP3-Inflammasome Activation in Macrophages. <i>Journal of Innate Immunity</i> , 2020 , 12, 333-343	6.9	15
444	Cefazolin and Ertapenem Salvage Therapy Rapidly Clears Persistent Methicillin-Susceptible Staphylococcus aureus Bacteremia. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1413-1418	11.6	12
443	Prophage exotoxins enhance colonization fitness in epidemic scarlet fever-causing Streptococcus pyogenes. <i>Nature Communications</i> , 2020 , 11, 5018	17.4	13
442	TLR4 signaling and macrophage inflammatory responses are dampened by GIV/Girdin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26895-26906	11.5	14
441	Evaluation of IL-17D in Host Immunity to Group A Infection. <i>Journal of Immunology</i> , 2020 , 205, 3122-3129	9.3	1
440	Evaluating Organism-Wide Changes in the Metabolome and Microbiome following a Single Dose of Antibiotic. <i>MSystems</i> , 2020 , 5,	7.6	3
439	An Irreversible Inhibitor to Probe the Role of Cysteine Protease SpeB in Evasion of Host Complement Defenses. <i>ACS Chemical Biology</i> , 2020 , 15, 2060-2069	4.9	2
438	Developmental Immaturity of Siglec Receptor Expression on Neonatal Alveolar Macrophages Predisposes to Severe Group B Streptococcal Infection. <i>iScience</i> , 2020 , 23, 101207	6.1	2
437	T4 Pili Promote Colonization and Immune Evasion Phenotypes of Nonencapsulated M4 Streptococcus pyogenes. <i>MBio</i> , 2020 , 11,	7.8	6
436	The Pseudomonas aeruginosa protease LasB directly activates IL-1 β . <i>EBioMedicine</i> , 2020 , 60, 102984	8.8	7
435	Multidimensional Proteome Profiling of Blood-Brain Barrier Perturbation by Group B. <i>MSystems</i> , 2020 , 5,	7.6	2
434	Mortality Risk Profiling of Staphylococcus aureus Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. <i>Cell</i> , 2020 , 182, 1311-1327.e14	56.2	22
433	Antibiotics and Innate Immunity: A Cooperative Effort Toward the Successful Treatment of Infections. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa302	1	5
432	Engineered Biomimetic Platelet Membrane-Coated Nanoparticles Block Staphylococcus aureus Cytotoxicity and Protect Against Lethal Systemic Infection. <i>Engineering</i> , 2020 , 7, 1149-1149	9.7	3

431	Interleukin (IL)-1 β and IL-10 Host Responses in Patients With Staphylococcus aureus Bacteremia Determined by Antimicrobial Therapy. <i>Clinical Infectious Diseases</i> , 2020 , 70, 2634-2640	11.6	10
430	How Neutrophils Meet Their End. <i>Trends in Immunology</i> , 2020 , 41, 531-544	14.4	33
429	Genetic Determinants Enabling Medium-Dependent Adaptation to Nafcillin in Methicillin-Resistant Staphylococcus aureus. <i>MSystems</i> , 2020 , 5,	7.6	6
428	Strain-Specific Metabolic Requirements Revealed by a Defined Minimal Medium for Systems Analyses of. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	6
427	Treatment of Multidrug-Resistant Vancomycin-Resistant Enterococcus faecium Hardware-Associated Vertebral Osteomyelitis with Oritavancin plus Ampicillin. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
426	Augmentation of Urinary Lactoferrin Enhances Host Innate Immune Clearance of Uropathogenic Escherichia coli. <i>Journal of Innate Immunity</i> , 2019 , 11, 481-495	6.9	13
425	An Experimental Group A Vaccine That Reduces Pharyngitis and Tonsillitis in a Nonhuman Primate Model. <i>MBio</i> , 2019 , 10,	7.8	29
424	Characterization of CA-MRSA TCH1516 exposed to nafcillin in bacteriological and physiological media. <i>Scientific Data</i> , 2019 , 6, 43	8.2	4
423	Inhibition of Human Neutrophil Extracellular Trap (NET) Production by Propofol and Lipid Emulsion. <i>Frontiers in Pharmacology</i> , 2019 , 10, 323	5.6	11
422	Proton-pump inhibitors do not influence clinical outcomes in patients with bacteremia. <i>Therapeutic Advances in Gastroenterology</i> , 2019 , 12, 1756284819834273	4.7	1
421	Impact of Anesthetics on Human Neutrophil Function. <i>Anesthesia and Analgesia</i> , 2019 , 128, 569-574	3.9	6
420	Refactoring the Cryptic Streptophenazine Biosynthetic Gene Cluster Unites Phenazine, Polyketide, and Nonribosomal Peptide Biochemistry. <i>Cell Chemical Biology</i> , 2019 , 26, 724-736.e7	8.2	28
419	Dual actions of group B capsular sialic acid provide resistance to platelet-mediated antimicrobial killing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7465-7470	11.5	36
418	The long noncoding RNA regulates inflammatory gene expression. <i>EMBO Journal</i> , 2019 , 38,	13	46
417	Homophilic protein interactions facilitate bacterial aggregation and IgG-dependent complex formation by the Streptococcus canis M protein SCM. <i>Virulence</i> , 2019 , 10, 194-206	4.7	0
416	Clinical Data on Daptomycin plus Ceftaroline versus Standard of Care Monotherapy in the Treatment of Methicillin-Resistant Staphylococcus aureus Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	76
415	Avibactam Sensitizes Carbapenem-Resistant NDM-1-Producing Klebsiella pneumoniae to Innate Immune Clearance. <i>Journal of Infectious Diseases</i> , 2019 , 220, 484-493	7	11
414	Detection of Epidemic Scarlet Fever Group A Streptococcus in Australia. <i>Clinical Infectious Diseases</i> , 2019 , 69, 1232-1234	11.6	10

413	Recurrent group A tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T cells. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	49
412	Is a Reported Penicillin Allergy Sufficient Grounds to Forgo the Multidimensional Antimicrobial Benefits of β -Lactam Antibiotics?. <i>Clinical Infectious Diseases</i> , 2019 , 68, 157-164	11.6	18
411	Functional and Proteomic Analysis of Virulence Upon Loss of Its Native Cas9 Nuclease. <i>Frontiers in Microbiology</i> , 2019 , 10, 1967	5.7	7
410	Inflammasome inhibition blocks cardiac glycoside cell toxicity. <i>Journal of Biological Chemistry</i> , 2019 , 294, 12846-12854	5.4	10
409	Surprising synergy of dual translation inhibition vs. <i>Acinetobacter baumannii</i> and other multidrug-resistant bacterial pathogens. <i>EBioMedicine</i> , 2019 , 46, 193-201	8.8	13
408	Proteomic atlas of organ vasculopathies triggered by <i>Staphylococcus aureus</i> sepsis. <i>Nature Communications</i> , 2019 , 10, 4656	17.4	20
407	The Fungal Pathogen Promotes Bladder Colonization of Group B. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 437	5.9	13
406	PHLPP1 counter-regulates STAT1-mediated inflammatory signaling. <i>ELife</i> , 2019 , 8,	8.9	13
405	Erythrocyte-Coated Nanoparticles Block Cytotoxic Effects of Group B β -Hemolysin/Cytolysin. <i>Frontiers in Pediatrics</i> , 2019 , 7, 410	3.4	16
404	Profiling the effect of nafcillin on HA-MRSA D712 using bacteriological and physiological media. <i>Scientific Data</i> , 2019 , 6, 322	8.2	3
403	Reply to Kalil et al., "Is Daptomycin plus Ceftaroline Associated with Better Clinical Outcomes than Standard of Care Monotherapy for <i>Staphylococcus aureus</i> Bacteremia?". <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	1
402	A bacterial gene-drive system efficiently edits and inactivates a high copy number antibiotic resistance locus. <i>Nature Communications</i> , 2019 , 10, 5726	17.4	22
401	Docking simulation and antibiotic discovery targeting the MlaC protein in Gram-negative bacteria. <i>Chemical Biology and Drug Design</i> , 2019 , 93, 647-652	2.9	2
400	<i>Trichomonas vaginalis</i> Induces NLRP3 Inflammasome Activation and Pyroptotic Cell Death in Human Macrophages. <i>Journal of Innate Immunity</i> , 2019 , 11, 86-98	6.9	16
399	Enhanced topical delivery of non-complexed molecular iodine for Methicillin-resistant <i>Staphylococcus aureus</i> decolonization. <i>International Journal of Pharmaceutics</i> , 2019 , 554, 81-86	6.5	5
398	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019 , 26, 395-408	12.7	185
397	SCH79797 improves outcomes in experimental bacterial pneumonia by boosting neutrophil killing and direct antibiotic activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1586-1594	5.1	11
396	Clove Bud Oil Modulates Pathogenicity Phenotypes of the Opportunistic Human Pathogen <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2018 , 8, 3437	4.9	9

395	Broad-Spectrum Neutralization of Pore-Forming Toxins with Human Erythrocyte Membrane-Coated Nanosponges. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701366	10.1	59
394	The TLR4-PAR1 Axis Regulates Bone Marrow Mesenchymal Stromal Cell Survival and Therapeutic Capacity in Experimental Bacterial Pneumonia. <i>Stem Cells</i> , 2018 , 36, 796-806	5.8	15
393	Genome-scale analysis of Methicillin-resistant Staphylococcus aureus USA300 reveals a tradeoff between pathogenesis and drug resistance. <i>Scientific Reports</i> , 2018 , 8, 2215	4.9	17
392	The Ontogeny of a Neutrophil: Mechanisms of Granulopoiesis and Homeostasis. <i>Microbiology and Molecular Biology Reviews</i> , 2018 , 82,	13.2	88
391	Listeria monocytogenes endocarditis: case report, review of the literature, and laboratory evaluation of potential novel antibiotic synergies. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 468-478	14.3	12
390	Streptococcus pyogenes (Group A Streptococcus) 2018 , 715-723.e2		1
389	Telavancin for refractory MRSA bacteraemia in intermittent haemodialysis recipients. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 764-767	5.1	8
388	Immunoglobulin Attenuates Streptokinase-Mediated Virulence in Streptococcus dysgalactiae Subspecies equisimilis Necrotizing Fasciitis. <i>Journal of Infectious Diseases</i> , 2018 , 217, 270-279	7	6
387	Humanized Exposures of a β -Lactam- β -Lactamase Inhibitor, Tazobactam, versus Non- β -Lactam- β -Lactamase Inhibitor, Avibactam, with or without Colistin, against Acinetobacter baumannii in Murine Thigh and Lung Infection Models. <i>Pharmacology</i> , 2018 , 101, 255-261	2.3	4
386	Modeling neuro-immune interactions during Zika virus infection. <i>Human Molecular Genetics</i> , 2018 , 27, 41-52	5.6	34
385	Group B Streptococcal Maternal Colonization and Neonatal Disease: Molecular Mechanisms and Preventative Approaches. <i>Frontiers in Pediatrics</i> , 2018 , 6, 27	3.4	59
384	Innate Immune Interactions between and Host Neutrophils. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 2	5.9	10
383	Group A M1T1 Intracellular Infection of Primary Tonsil Epithelial Cells Dampens Levels of Secreted IL-8 Through the Action of SpyCEP. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 160	5.9	14
382	Wnt5A Signaling Promotes Defense Against Bacterial Pathogens by Activating a Host Autophagy Circuit. <i>Frontiers in Immunology</i> , 2018 , 9, 679	8.4	20
381	Stabilization of Hypoxia-Inducible Factor-1 Alpha Augments the Therapeutic Capacity of Bone Marrow-Derived Mesenchymal Stem Cells in Experimental Pneumonia. <i>Frontiers in Medicine</i> , 2018 , 5, 131	4.9	8
380	Membrane-Derived Vesicles Promote Bacterial Virulence and Confer Protective Immunity in Murine Infection Models. <i>Frontiers in Microbiology</i> , 2018 , 9, 262	5.7	34
379	Group B Streptococcus Biofilm Regulatory Protein A Contributes to Bacterial Physiology and Innate Immune Resistance. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1641-1652	7	25
378	Staphylococcus aureus modulation of innate immune responses through Toll-like (TLR), (NOD)-like (NLR) and C-type lectin (CLR) receptors. <i>FEMS Microbiology Reviews</i> , 2018 , 42, 656-671	15.1	36

377	Human evolutionary loss of epithelial Neu5Gc expression and species-specific susceptibility to cholera. <i>PLoS Pathogens</i> , 2018 , 14, e1007133	7.6	21
376	The tumor suppressor phosphatase PHLPP1 suppresses inflammatory signaling by regulating the phosphorylation state and activity of STAT1. <i>FASEB Journal</i> , 2018 , 32, 648.11	0.9	
375	Isolation and structure elucidation of lipopeptide antibiotic taromycin B from the activated taromycin biosynthetic gene cluster. <i>Journal of Antibiotics</i> , 2018 , 71, 333-338	3.7	38
374	Group A Streptococcus encounters with host macrophages. <i>Future Microbiology</i> , 2018 , 13, 119-134	2.9	17
373	637. β -Lactam (BL) Antibiotics Promote an IL-1 β Response in Patients with Staphylococcus aureus Bacteremia (SaB). <i>Open Forum Infectious Diseases</i> , 2018 , 5, S232-S232	1	78
372	The murine vaginal microbiota and its perturbation by the human pathogen group B Streptococcus. <i>BMC Microbiology</i> , 2018 , 18, 197	4.5	23
371	Virulence Role of the GlcNAc Side Chain of the Lancefield Cell Wall Carbohydrate Antigen in Non-M1-Serotype Group A. <i>MBio</i> , 2018 , 9,	7.8	21
370	Pharmacological Targeting of Pore-Forming Toxins as Adjunctive Therapy for Invasive Bacterial Infection. <i>Toxins</i> , 2018 , 10,	4.9	20
369	2390. Avibactam Sensitizes NDM Klebsiella pneumoniae to Innate Immune Killing by Human Cathelicidin LL-37, Serum, Neutrophils, and Platelets. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S712-S713 ¹		78
368	Siglec-7 engagement by GBS E protein suppresses pyroptotic cell death of natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10410-10415 ^{11.5}		20
367	Accelerated Aging and Clearance of Host Anti-inflammatory Enzymes by Discrete Pathogens Fuels Sepsis. <i>Cell Host and Microbe</i> , 2018 , 24, 500-513.e5	23.4	20
366	Tamm-Horsfall Protein Protects the Urinary Tract against. <i>Infection and Immunity</i> , 2018 , 86,	3.7	11
365	Streptococcal Lancefield polysaccharides are critical cell wall determinants for human Group IIA secreted phospholipase A2 to exert its bactericidal effects. <i>PLoS Pathogens</i> , 2018 , 14, e1007348	7.6	8
364	Machine learning and structural analysis of Mycobacterium tuberculosis pan-genome identifies genetic signatures of antibiotic resistance. <i>Nature Communications</i> , 2018 , 9, 4306	17.4	73
363	Decontaminating surfaces with atomized disinfectants generated by a novel thickness-mode lithium niobate device. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 6459-6467	5.7	7
362	Paired Siglec receptors generate opposite inflammatory responses to a human-specific pathogen. <i>EMBO Journal</i> , 2017 , 36, 751-760	13	48
361	Evidence To Support Continuation of Statin Therapy in Patients with Staphylococcus aureus Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	12
360	Loss of CMAH during Human Evolution Primed the Monocyte-Macrophage Lineage toward a More Inflammatory and Phagocytic State. <i>Journal of Immunology</i> , 2017 , 198, 2366-2373	5.3	22

359	Whole-Genome Sequencing of Invasion-Resistant Cells Identifies Laminin α as a Host Factor for Bacterial Invasion. <i>MBio</i> , 2017 , 8,	7.8	21
358	Group A Streptococcal M1 Protein Provides Resistance against the Antimicrobial Activity of Histones. <i>Scientific Reports</i> , 2017 , 7, 43039	4.9	19
357	Blood Group Antigen Recognition via the Group A Streptococcal M Protein Mediates Host Colonization. <i>MBio</i> , 2017 , 8,	7.8	18
356	Pharmacological Targeting of the Host-Pathogen Interaction: Alternatives to Classical Antibiotics to Combat Drug-Resistant Superbugs. <i>Trends in Pharmacological Sciences</i> , 2017 , 38, 473-488	13.2	62
355	Human milk oligosaccharides inhibit growth of group B. <i>Journal of Biological Chemistry</i> , 2017 , 292, 11243-11249	3.1	2
354	Erythrocyte sialoglycoproteins engage Siglec-9 on neutrophils to suppress activation. <i>Blood</i> , 2017 , 129, 3100-3110	2.2	53
353	Cathelicidin-deficient mice exhibit increased survival and upregulation of key inflammatory response genes following cecal ligation and puncture. <i>Journal of Molecular Medicine</i> , 2017 , 95, 995-1003	5.5	13
352	Increased Endovascular Staphylococcus aureus Inoculum Is the Link Between Elevated Serum Interleukin 10 Concentrations and Mortality in Patients With Bacteremia. <i>Clinical Infectious Diseases</i> , 2017 , 64, 1406-1412	11.6	32
351	Macrophage-like nanoparticles concurrently absorbing endotoxins and proinflammatory cytokines for sepsis management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11488-11493	11.5	218
350	Anthrax edema toxin disrupts distinct steps in Rab11-dependent junctional transport. <i>PLoS Pathogens</i> , 2017 , 13, e1006603	7.6	6
349	Tamm-Horsfall glycoprotein engages human Siglec-9 to modulate neutrophil activation in the urinary tract. <i>Immunology and Cell Biology</i> , 2017 , 95, 960-965	5	14
348	Group A streptococcal M protein activates the NLRP3 inflammasome. <i>Nature Microbiology</i> , 2017 , 2, 1425-1434	14.4	42
347	Engineered proteins with sensing and activating modules for automated reprogramming of cellular functions. <i>Nature Communications</i> , 2017 , 8, 477	17.4	12
346	The Accidental Orthodoxy of Drs. Mueller and Hinton. <i>EBioMedicine</i> , 2017 , 22, 26-27	8.8	15
345	Development and Use of Personalized Bacteriophage-Based Therapeutic Cocktails To Treat a Patient with a Disseminated Resistant Acinetobacter baumannii Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	482
344	Interaction of Antibiotics with Innate Host Defense Factors against Serotype Newport. <i>MSphere</i> , 2017 , 2,	5	20
343	Self-Assembled Colloidal Gel Using Cell Membrane-Coated Nanosponges as Building Blocks. <i>ACS Nano</i> , 2017 , 11, 11923-11930	16.7	38
342	Serine-Aspartate Repeat Protein D Increases Staphylococcus aureus Virulence and Survival in Blood. <i>Infection and Immunity</i> , 2017 , 85,	3.7	18

341	Evasion of Neutrophil Extracellular Traps by Respiratory Pathogens. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 423-431	5.7	64
340	Classical β -Lactamase Inhibitors Potentiate the Activity of Daptomycin against Methicillin-Resistant <i>Staphylococcus aureus</i> and Colistin against <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	12
339	Recurrent infection progressively disables host protection against intestinal inflammation. <i>Science</i> , 2017 , 358,	33.3	43
338	The Mla pathway is critical for <i>Pseudomonas aeruginosa</i> resistance to outer membrane permeabilization and host innate immune clearance. <i>Journal of Molecular Medicine</i> , 2017 , 95, 1127-1136	5.5	17
337	A Red Blood Cell Membrane-Camouflaged Nanoparticle Counteracts Streptolysin -Mediated Virulence Phenotypes of Invasive Group A. <i>Frontiers in Pharmacology</i> , 2017 , 8, 477	5.6	42
336	Synergy between Ursolic and Oleanolic Acids from <i>Vitellaria paradoxa</i> Leaf Extract and β -Lactams against Methicillin-Resistant <i>Staphylococcus aureus</i> : In Vitro and In Vivo Activity and Underlying Mechanisms. <i>Molecules</i> , 2017 , 22,	4.8	21
335	Age-Appropriate Functions and Dysfunctions of the Neonatal Neutrophil. <i>Frontiers in Pediatrics</i> , 2017 , 5, 23	3.4	39
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19	Genetic locus for streptolysin S production by group A streptococcus. <i>Infection and Immunity</i> , 2000 , 68, 4245-54	3.7	165
18	Severity of group B streptococcal arthritis is correlated with beta-hemolysin expression. <i>Journal of Infectious Diseases</i> , 2000 , 182, 824-32	7	47

17	Group B streptococcal beta-hemolysin induces nitric oxide production in murine macrophages. <i>Journal of Infectious Diseases</i> , 2000 , 182, 150-7	7	28
16	Streptococcus suis serotype 2 interactions with human brain microvascular endothelial cells. <i>Infection and Immunity</i> , 2000 , 68, 637-43	3.7	112
15	Group B streptococcal beta-hemolysin promotes injury of lung microvascular endothelial cells. <i>Pediatric Research</i> , 1999 , 45, 626-34	3.2	68
14	A simple microtiter plate screening assay for bacterial invasion or adherence. <i>Cytotechnology</i> , 1998 , 20, 107-111		8
13	Invasion of brain microvascular endothelial cells by group B streptococci. <i>Infection and Immunity</i> , 1997 , 65, 5074-81	3.7	234
12	The role of group B streptococci beta-hemolysin expression in newborn lung injury. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 418, 627-30	3.6	26
11	Orthopaedic manifestations of invasive group A streptococcal infections complicating primary varicella. <i>Journal of Pediatric Orthopaedics</i> , 1996 , 16, 522-8	2.4	8
10	IN REPLY: VARICELLA AND NECROTIZING FASCIITIS. <i>Pediatric Infectious Disease Journal</i> , 1996 , 15, 556-557	3.4	6
9	Orthopaedic Manifestations of Invasive Group A Streptococcal Infections Complicating Primary Varicella. <i>Journal of Pediatric Orthopaedics</i> , 1996 , 16, 522-528	2.4	23
8	Group A streptococcal necrotizing fasciitis complicating primary varicella: a series of fourteen patients. <i>Pediatric Infectious Disease Journal</i> , 1995 , 14, 588-94	3.4	130
7	Antimicrobial peptides and the skin		0
6	Evidence that recurrent Group A streptococcus tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant Tfh cells		1
5	Innate antimicrobial peptide protects the skin from invasive bacterial infection		1
4	Revealing 29 sets of independently modulated genes in Staphylococcus aureus, their regulators and role in key physiological responses		6
3	Decomposition of transcriptional responses provides insights into differential antibiotic susceptibility		4
2	Role of Inflammasome-independent Activation of IL-1 β by the Pseudomonas aeruginosa Protease LasB		2
1	Environmental conditions dictate differential evolution of vancomycin resistance in Staphylococcus aureus		1