

# Victor Nizet

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9022908/victor-nizet-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	HIF-1alpha is essential for myeloid cell-mediated inflammation. <i>Cell</i> , <b>2003</b> , 112, 645-57	56.2	1552
483	Innate antimicrobial peptide protects the skin from invasive bacterial infection. <i>Nature</i> , <b>2001</b> , 414, 454-7	50.4	1227
482	NF-kappaB links innate immunity to the hypoxic response through transcriptional regulation of HIF-1alpha. <i>Nature</i> , <b>2008</b> , 453, 807-11	50.4	1108
481	Innate immunity gone awry: linking microbial infections to chronic inflammation and cancer. <i>Cell</i> , <b>2006</b> , 124, 823-35	56.2	740
480	ATP release guides neutrophil chemotaxis via P2Y2 and A3 receptors. <i>Science</i> , <b>2006</b> , 314, 1792-5	33.3	639
479	HIF transcription factors, inflammation, and immunity. <i>Immunity</i> , <b>2014</b> , 41, 518-28	32.3	603
478	IKKalpha limits macrophage NF-kappaB activation and contributes to the resolution of inflammation. <i>Nature</i> , <b>2005</b> , 434, 1138-43	50.4	539
477	Interdependence of hypoxic and innate immune responses. <i>Nature Reviews Immunology</i> , <b>2009</b> , 9, 609-17	36.5	527
476	DNase expression allows the pathogen group A Streptococcus to escape killing in neutrophil extracellular traps. <i>Current Biology</i> , <b>2006</b> , 16, 396-400	6.3	498
475	HIF-1alpha expression regulates the bactericidal capacity of phagocytes. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 1806-15	15.9	497
474	Staphylococcus aureus golden pigment impairs neutrophil killing and promotes virulence through its antioxidant activity. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 209-15	16.6	490
473	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> , <b>2017</b> , 61,	5.9	482
472	Regulation of iron homeostasis by the hypoxia-inducible transcription factors (HIFs). <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 1926-32	15.9	447
471	Disease manifestations and pathogenic mechanisms of Group A Streptococcus. <i>Clinical Microbiology Reviews</i> , <b>2014</b> , 27, 264-301	34	435
470	Cutaneous injury induces the release of cathelicidin anti-microbial peptides active against group A Streptococcus. <i>Journal of Investigative Dermatology</i> , <b>2001</b> , 117, 91-7	4.3	424
469	Cutting edge: Essential role of hypoxia inducible factor-1alpha in development of lipopolysaccharide-induced sepsis. <i>Journal of Immunology</i> , <b>2007</b> , 178, 7516-9	5.3	356
468	Direct cloning and refactoring of a silent lipopeptide biosynthetic gene cluster yields the antibiotic taromycin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1957-62	11.5	335

467	A cholesterol biosynthesis inhibitor blocks <i>Staphylococcus aureus</i> virulence. <i>Science</i> , <b>2008</b> , 319, 1391-4	33.3	329
466	Nuclease expression by <i>Staphylococcus aureus</i> facilitates escape from neutrophil extracellular traps. <i>Journal of Innate Immunity</i> , <b>2010</b> , 2, 576-86	6.9	327
465	DNase Sda1 provides selection pressure for a switch to invasive group A streptococcal infection. <i>Nature Medicine</i> , <b>2007</b> , 13, 981-5	50.5	316
464	A NOD2-NALP1 complex mediates caspase-1-dependent IL-1beta secretion in response to <i>Bacillus anthracis</i> infection and muramyl dipeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 7803-8	11.5	304
463	Molecular mimicry of host sialylated glycans allows a bacterial pathogen to engage neutrophil Siglec-9 and dampen the innate immune response. <i>Blood</i> , <b>2009</b> , 113, 3333-6	2.2	297
462	Molecular insight into invasive group A streptococcal disease. <i>Nature Reviews Microbiology</i> , <b>2011</b> , 9, 724-32	26.2	280
461	Statins enhance formation of phagocyte extracellular traps. <i>Cell Host and Microbe</i> , <b>2010</b> , 8, 445-54	23.4	278
460	TLR4-dependent hepcidin expression by myeloid cells in response to bacterial pathogens. <i>Blood</i> , <b>2006</b> , 107, 3727-32	2.2	273
459	Selective antimicrobial action is provided by phenol-soluble modulins derived from <i>Staphylococcus epidermidis</i> , a normal resident of the skin. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 192-200	4.3	266
458	The Ashwell receptor mitigates the lethal coagulopathy of sepsis. <i>Nature Medicine</i> , <b>2008</b> , 14, 648-55	50.5	264
457	Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. <i>Nature Immunology</i> , <b>2011</b> , 12, 966-74	19.1	259
456	Invasion of brain microvascular endothelial cells by group B streptococci. <i>Infection and Immunity</i> , <b>1997</b> , 65, 5074-81	3.7	234
455	Human monocytes undergo functional re-programming during sepsis mediated by hypoxia-inducible factor-1β. <i>Immunity</i> , <b>2015</b> , 42, 484-98	32.3	228
454	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> , <b>2017</b> , 114, 11488-11493	11.5	218
453	Color me bad: microbial pigments as virulence factors. <i>Trends in Microbiology</i> , <b>2009</b> , 17, 406-13	12.4	216
452	Discovery and characterization of two isoforms of moronecidin, a novel antimicrobial peptide from hybrid striped bass. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 5030-9	5.4	211
451	Dynamic regulation of FGF23 by Fam20C phosphorylation, GalNAc-T3 glycosylation, and furin proteolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5520-5	11.5	208
450	Innate immunity turned inside-out: antimicrobial defense by phagocyte extracellular traps. <i>Journal of Molecular Medicine</i> , <b>2009</b> , 87, 775-83	5.5	200

449	Use of antistaphylococcal beta-lactams to increase daptomycin activity in eradicating persistent bacteremia due to methicillin-resistant <i>Staphylococcus aureus</i> : role of enhanced daptomycin binding. <i>Clinical Infectious Diseases</i> , <b>2011</b> , 53, 158-63	11.6	197
448	Antimicrobial peptide resistance mechanisms of human bacterial pathogens. <i>Current Issues in Molecular Biology</i> , <b>2006</b> , 8, 11-26	2.9	196
447	D-alanylation of teichoic acids promotes group A streptococcus antimicrobial peptide resistance, neutrophil survival, and epithelial cell invasion. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 6719-25	3.5	193
446	Hypoxia inducible factor (HIF) function in innate immunity and infection. <i>Journal of Molecular Medicine</i> , <b>2007</b> , 85, 1339-46	5.5	191
445	Auranofin exerts broad-spectrum bactericidal activities by targeting thiol-redox homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 4453-8	11.5	190
444	Cutaneous defense mechanisms by antimicrobial peptides. <i>Journal of Investigative Dermatology</i> , <b>2005</b> , 125, 9-13	4.3	185
443	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> , <b>2019</b> , 26, 395-408	12.7	185
442	Antimicrobial and protease inhibitory functions of the human cathelicidin (hCAP18/LL-37) prosequence. <i>Journal of Investigative Dermatology</i> , <b>2003</b> , 120, 810-6	4.3	180
441	A toll-like receptor 2-responsive lipid effector pathway protects mammals against skin infections with gram-positive bacteria. <i>Infection and Immunity</i> , <b>2005</b> , 73, 4512-21	3.7	172
440	Sword and shield: linked group B streptococcal beta-hemolysin/cytolysin and carotenoid pigment function to subvert host phagocyte defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 14491-6	11.5	167
439	Genetic locus for streptolysin S production by group A streptococcus. <i>Infection and Immunity</i> , <b>2000</b> , 68, 4245-54	3.7	165
438	Discovery of a widely distributed toxin biosynthetic gene cluster. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 5879-84	11.5	162
437	Blood-brain barrier invasion by group B Streptococcus depends upon proper cell-surface anchoring of lipoteichoic acid. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 2499-507	15.9	159
436	Molecular pathogenesis of neonatal group B streptococcal infection: no longer in its infancy. <i>Molecular Microbiology</i> , <b>2004</b> , 54, 23-31	4.1	157
435	NOD2 contributes to cutaneous defense against <i>Staphylococcus aureus</i> through alpha-toxin-dependent innate immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 12873-8	11.5	156
434	Imaging mass spectrometry of intraspecies metabolic exchange revealed the cannibalistic factors of <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 16286-90	11.5	155
433	Understanding how leading bacterial pathogens subvert innate immunity to reveal novel therapeutic targets. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 120, 13-22	11.5	151
432	Group B streptococcal hemolysin/cytolysin activates neutrophil signaling pathways in brain endothelium and contributes to development of meningitis. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 736-744	15.9	151

431	Role of the hypoxia inducible factors HIF in iron metabolism. <i>Cell Cycle</i> , <b>2008</b> , 7, 28-32	4.7	150
430	Bass hepcidin synthesis, solution structure, antimicrobial activities and synergism, and in vivo hepatic response to bacterial infections. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 9272-82	5.4	149
429	Azithromycin Synergizes with Cationic Antimicrobial Peptides to Exert Bactericidal and Therapeutic Activity Against Highly Multidrug-Resistant Gram-Negative Bacterial Pathogens. <i>EBioMedicine</i> , <b>2015</b> , 2, 690-8	8.8	148
428	The mammalian ionic environment dictates microbial susceptibility to antimicrobial defense peptides. <i>FASEB Journal</i> , <b>2006</b> , 20, 35-42	0.9	148
427	Group B streptococcal pilus proteins contribute to adherence to and invasion of brain microvascular endothelial cells. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1464-7	3.5	148
426	Comparative genome-scale modelling of <i>Staphylococcus aureus</i> strains identifies strain-specific metabolic capabilities linked to pathogenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E3801-9	11.5	145
425	Point mutation in the group B streptococcal pbp2x gene conferring decreased susceptibility to beta-lactam antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 2915-8	5.9	144
424	Invasive M1T1 group A <i>Streptococcus</i> undergoes a phase-shift in vivo to prevent proteolytic degradation of multiple virulence factors by SpeB. <i>Molecular Microbiology</i> , <b>2004</b> , 51, 123-34	4.1	144
423	Recent advances in understanding the molecular basis of group B <i>Streptococcus</i> virulence. <i>Expert Reviews in Molecular Medicine</i> , <b>2008</b> , 10, e27	6.7	140
422	Discovery and characterization of sialic acid O-acetylation in group B <i>Streptococcus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 11123-8	11.5	134
421	Group B streptococcal beta-hemolysin/cytolysin promotes invasion of human lung epithelial cells and the release of interleukin-8. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 185, 196-203	7	133
420	Ampicillin enhances daptomycin- and cationic host defense peptide-mediated killing of ampicillin- and vancomycin-resistant <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 838-44	5.9	132
419	<i>Staphylococcus epidermidis</i> antimicrobial delta-toxin (phenol-soluble modulins-gamma) cooperates with host antimicrobial peptides to kill group A <i>Streptococcus</i> . <i>PLoS ONE</i> , <b>2010</b> , 5, e8557	3.7	132
418	Genetic basis for the beta-haemolytic/cytolytic activity of group B <i>Streptococcus</i> . <i>Molecular Microbiology</i> , <b>2001</b> , 39, 236-47	4.1	131
417	The surface-anchored NanA protein promotes pneumococcal brain endothelial cell invasion. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1845-52	16.6	130
416	Group A streptococcal necrotizing fasciitis complicating primary varicella: a series of fourteen patients. <i>Pediatric Infectious Disease Journal</i> , <b>1995</b> , 14, 588-94	3.4	130
415	Global chemical effects of the microbiome include new bile-acid conjugations. <i>Nature</i> , <b>2020</b> , 579, 123-129	9.4	129
414	M1 protein allows Group A streptococcal survival in phagocyte extracellular traps through cathelicidin inhibition. <i>Journal of Innate Immunity</i> , <b>2009</b> , 1, 202-14	6.9	128

413	Phosphorylation of LC3 by the Hippo kinases STK3/STK4 is essential for autophagy. <i>Molecular Cell</i> , <b>2015</b> , 57, 55-68	17.6	126
412	Novel engagement of CD14 and multiple toll-like receptors by group B streptococci. <i>Journal of Immunology</i> , <b>2001</b> , 167, 7069-76	5.3	126
411	Keratinocyte production of cathelicidin provides direct activity against bacterial skin pathogens. <i>Infection and Immunity</i> , <b>2005</b> , 73, 6771-81	3.7	125
410	Siglec-5 and Siglec-14 are polymorphic paired receptors that modulate neutrophil and amnion signaling responses to group B Streptococcus. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1231-42	16.6	124
409	The IL-8 protease SpyCEP/ScpC of group A Streptococcus promotes resistance to neutrophil killing. <i>Cell Host and Microbe</i> , <b>2008</b> , 4, 170-8	23.4	124
408	Group B Streptococcus suppression of phagocyte functions by protein-mediated engagement of human Siglec-5. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1691-9	16.6	122
407	Mutational analysis of the group A streptococcal operon encoding streptolysin S and its virulence role in invasive infection. <i>Molecular Microbiology</i> , <b>2005</b> , 56, 681-95	4.1	122
406	Trigger for group A streptococcal M1T1 invasive disease. <i>FASEB Journal</i> , <b>2006</b> , 20, 1745-7	0.9	121
405	Group B streptococcal capsular sialic acids interact with siglecs (immunoglobulin-like lectins) on human leukocytes. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1231-7	3.5	121
404	Cellular activation, phagocytosis, and bactericidal activity against group B streptococcus involve parallel myeloid differentiation factor 88-dependent and independent signaling pathways. <i>Journal of Immunology</i> , <b>2002</b> , 169, 3970-7	5.3	121
403	Molecular genetic analysis of a group A Streptococcus operon encoding serum opacity factor and a novel fibronectin-binding protein, SfbX. <i>Journal of Bacteriology</i> , <b>2003</b> , 185, 1208-17	3.5	120
402	Group B streptococcal beta-hemolysin/cytolysin activates neutrophil signaling pathways in brain endothelium and contributes to development of meningitis. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 736-44	15.9	120
401	Antimicrobial salvage therapy for persistent staphylococcal bacteremia using daptomycin plus ceftaroline. <i>Clinical Therapeutics</i> , <b>2014</b> , 36, 1317-33	3.5	118
400	Streptolysin O promotes group A Streptococcus immune evasion by accelerated macrophage apoptosis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 862-71	5.4	117
399	Streptolysin S and necrotising infections produced by group G streptococcus. <i>Lancet, The</i> , <b>2002</b> , 359, 124-9	4.0	115
398	A streptococcal protease that degrades CXC chemokines and impairs bacterial clearance from infected tissues. <i>EMBO Journal</i> , <b>2006</b> , 25, 4628-37	13	113
397	Novel mechanism for the generation of human xeno-autoantibodies against the nonhuman sialic acid N-glycolylneuraminic acid. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 1637-46	16.6	112
396	Effect of a bacterial pheromone peptide on host chemokine degradation in group A streptococcal necrotising soft-tissue infections. <i>Lancet, The</i> , <b>2004</b> , 363, 696-703	4.0	112

395	Streptococcus suis serotype 2 interactions with human brain microvascular endothelial cells. <i>Infection and Immunity</i> , <b>2000</b> , 68, 637-43	3.7	112
394	Innovations in host and microbial sialic acid biosynthesis revealed by phylogenomic prediction of nonulosonic acid structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13552-7	11.5	110
393	Coiled-coil irregularities and instabilities in group A Streptococcus M1 are required for virulence. <i>Science</i> , <b>2008</b> , 319, 1405-8	33.3	110
392	Alanylation of teichoic acids protects Staphylococcus aureus against Toll-like receptor 2-dependent host defense in a mouse tissue cage infection model. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 188, 414-23	7	105
391	Streptococcus iniae phosphoglucomutase is a virulence factor and a target for vaccine development. <i>Infection and Immunity</i> , <b>2005</b> , 73, 6935-44	3.7	103
390	Critical role of HIF-1alpha in keratinocyte defense against bacterial infection. <i>Journal of Investigative Dermatology</i> , <b>2008</b> , 128, 1964-8	4.3	101
389	The group B streptococcal serine-rich repeat 1 glycoprotein mediates penetration of the blood-brain barrier. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 1479-87	7	95
388	Streptococcal beta-hemolysins: genetics and role in disease pathogenesis. <i>Trends in Microbiology</i> , <b>2002</b> , 10, 575-80	12.4	95
387	Nafcillin enhances innate immune-mediated killing of methicillin-resistant Staphylococcus aureus. <i>Journal of Molecular Medicine</i> , <b>2014</b> , 92, 139-49	5.5	93
386	M protein and hyaluronic acid capsule are essential for in vivo selection of covRS mutations characteristic of invasive serotype M1T1 group A Streptococcus. <i>MBio</i> , <b>2010</b> , 1,	7.8	93
385	Human milk oligosaccharides inhibit growth of group B. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 11243-11249	3.1	92
384	IL-1-driven neutrophilia preserves antibacterial defense in the absence of the kinase IKK. <i>Nature Immunology</i> , <b>2011</b> , 12, 144-50	19.1	91
383	The globally disseminated M1T1 clone of group A Streptococcus evades autophagy for intracellular replication. <i>Cell Host and Microbe</i> , <b>2013</b> , 14, 675-82	23.4	90
382	Inhibition of staphyloxanthin virulence factor biosynthesis in Staphylococcus aureus: in vitro, in vivo, and crystallographic results. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 3869-80	8.3	90
381	The Ontogeny of a Neutrophil: Mechanisms of Granulopoiesis and Homeostasis. <i>Microbiology and Molecular Biology Reviews</i> , <b>2018</b> , 82,	13.2	88
380	A new pharmacological agent (AKB-4924) stabilizes hypoxia inducible factor-1 (HIF-1) and increases skin innate defenses against bacterial infection. <i>Journal of Molecular Medicine</i> , <b>2012</b> , 90, 1079-89	5.5	86
379	Influences of chloride and hypochlorite on neutrophil extracellular trap formation. <i>PLoS ONE</i> , <b>2012</b> , 7, e42984	3.7	86
378	Group B Streptococcus engages an inhibitory Siglec through sialic acid mimicry to blunt innate immune and inflammatory responses in vivo. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003846	7.6	85

377	Anthrax toxins cooperatively inhibit endocytic recycling by the Rab11/Sec15 exocyst. <i>Nature</i> , <b>2010</b> , 467, 854-8	50.4	85
376	The classical lancefield antigen of group a Streptococcus is a virulence determinant with implications for vaccine design. <i>Cell Host and Microbe</i> , <b>2014</b> , 15, 729-740	23.4	84
375	The interplay between Siglecs and sialylated pathogens. <i>Glycobiology</i> , <b>2014</b> , 24, 818-25	5.8	83
374	Microbial competition between Bacillus subtilis and Staphylococcus aureus monitored by imaging mass spectrometry. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 2485-2492	2.9	83
373	Group B Streptococcal Infections <b>2011</b> , 419-469		82
372	The antimicrobial peptide LL-37 facilitates the formation of neutrophil extracellular traps. <i>Biochemical Journal</i> , <b>2014</b> , 464, 3-11	3.8	81
371	Innate immune-induced depletion of bone marrow neutrophils aggravates systemic bacterial infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7107-12	11.5	81
370	Novel role of the antimicrobial peptide LL-37 in the protection of neutrophil extracellular traps against degradation by bacterial nucleases. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 860-8	6.9	80
369	Streptococcal M1 protein constructs a pathological host fibrinogen network. <i>Nature</i> , <b>2011</b> , 472, 64-8	50.4	80
368	A group B streptococcal pilus protein promotes phagocyte resistance and systemic virulence. <i>FASEB Journal</i> , <b>2008</b> , 22, 1715-24	0.9	79
367	Relationship between expression of the family of M proteins and lipoteichoic acid to hydrophobicity and biofilm formation in Streptococcus pyogenes. <i>PLoS ONE</i> , <b>2009</b> , 4, e4166	3.7	79
366	637. $\beta$ -Lactam (BL) Antibiotics Promote an IL-1 $\beta$ Response in Patients with Staphylococcus aureus Bacteremia (SaB). <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S232-S232	1	78
365	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> , <b>2018</b> , 5, S712-S713 <sup>1</sup>		78
364	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> , <b>2019</b> , 63,	5.9	76
363	Elevated serum interleukin-10 at time of hospital admission is predictive of mortality in patients with Staphylococcus aureus bacteremia. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206, 1604-11	7	76
362	Tamoxifen augments the innate immune function of neutrophils through modulation of intracellular ceramide. <i>Nature Communications</i> , <b>2015</b> , 6, 8369	17.4	74
361	The GraRS regulatory system controls Staphylococcus aureus susceptibility to antimicrobial host defenses. <i>BMC Microbiology</i> , <b>2008</b> , 8, 85	4.5	74
360	IL-1 $\beta$ is an innate immune sensor of microbial proteolysis. <i>Science Immunology</i> , <b>2016</b> , 1,	28	73



359	Machine learning and structural analysis of Mycobacterium tuberculosis pan-genome identifies genetic signatures of antibiotic resistance. <i>Nature Communications</i> , <b>2018</b> , 9, 4306	17.4	73
358	Anthrax toxin induces macrophage death by p38 MAPK inhibition but leads to inflammasome activation via ATP leakage. <i>Immunity</i> , <b>2011</b> , 35, 34-44	32.3	72
357	Genetic switch to hypervirulence reduces colonization phenotypes of the globally disseminated group A streptococcus M1T1 clone. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 11-9	7	72
356	Cell death during sepsis: integration of disintegration in the inflammatory response to overwhelming infection. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2009</b> , 14, 509-21	5.4	72
355	Fetal calf serum contains heat-stable nucleases that degrade neutrophil extracellular traps. <i>Blood</i> , <b>2009</b> , 114, 5245-6	2.2	72
354	Antimicrobial peptides and the skin. <i>Expert Opinion on Biological Therapy</i> , <b>2004</b> , 4, 543-9	5.4	72
353	Group B Streptococcus Hemolysin/cytolysin breaches maternal-fetal barriers to cause preterm birth and intrauterine fetal demise in vivo. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 265-73	7	71
352	Methicillin-resistant Staphylococcus aureus bacterial nitric-oxide synthase affects antibiotic sensitivity and skin abscess development. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 6417-26	5.4	71
351	Bacterial Evasion of Host Antimicrobial Peptide Defenses. <i>Microbiology Spectrum</i> , <b>2016</b> , 4,	8.9	71
350	Pharmacologic augmentation of hypoxia-inducible factor-1alpha with mimosine boosts the bactericidal capacity of phagocytes. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 197, 214-7	7	70
349	Cathelicidins and innate defense against invasive bacterial infection. <i>Scandinavian Journal of Infectious Diseases</i> , <b>2003</b> , 35, 670-6		69
348	Collective Resistance in Microbial Communities by Intracellular Antibiotic Deactivation. <i>PLoS Biology</i> , <b>2016</b> , 14, e2000631	9.7	69
347	Group B streptococcal beta-hemolysin promotes injury of lung microvascular endothelial cells. <i>Pediatric Research</i> , <b>1999</b> , 45, 626-34	3.2	68
346	Ceftaroline restores daptomycin activity against daptomycin-nonsusceptible vancomycin-resistant Enterococcus faecium. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 1494-500	5.9	67
345	Cholera toxin disrupts barrier function by inhibiting exocyst-mediated trafficking of host proteins to intestinal cell junctions. <i>Cell Host and Microbe</i> , <b>2013</b> , 14, 294-305	23.4	67
344	Streptococcus iniae M-like protein contributes to virulence in fish and is a target for live attenuated vaccine development. <i>PLoS ONE</i> , <b>2008</b> , 3, e2824	3.7	67
343	Immunomodulatory activity of extracellular Hsp70 mediated via paired receptors Siglec-5 and Siglec-14. <i>EMBO Journal</i> , <b>2015</b> , 34, 2775-88	13	66
342	Endogenous production of antimicrobial peptides in innate immunity and human disease. <i>Current Allergy and Asthma Reports</i> , <b>2003</b> , 3, 402-9	5.6	65

341	Evasion of Neutrophil Extracellular Traps by Respiratory Pathogens. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 56, 423-431	5.7	64
340	Pharmacological Targeting of the Host-Pathogen Interaction: Alternatives to Classical Antibiotics to Combat Drug-Resistant Superbugs. <i>Trends in Pharmacological Sciences</i> , <b>2017</b> , 38, 473-488	13.2	62
339	Cationic antimicrobial peptide resistance mechanisms of streptococcal pathogens. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2015</b> , 1848, 3047-54	3.8	62
338	$\beta$ -Lactam antibiotics targeting PBP1 selectively enhance daptomycin activity against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 5005-12	5.9	62
337	EndoS2 is a unique and conserved enzyme of serotype M49 group A <i>Streptococcus</i> that hydrolyses N-linked glycans on IgG and $\beta$ -acid glycoprotein. <i>Biochemical Journal</i> , <b>2013</b> , 455, 107-18	3.8	61
336	Top-down mass spectrometry on low-resolution instruments: characterization of phosphopantetheinylated carrier domains in polyketide and non-ribosomal biosynthetic pathways. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 3107-11	2.9	61
335	HIF-1 regulates heritable variation and allele expression phenotypes of the macrophage immune response gene SLC11A1 from a Z-DNA forming microsatellite. <i>Blood</i> , <b>2007</b> , 110, 3039-48	2.2	60
334	Broad-Spectrum Neutralization of Pore-Forming Toxins with Human Erythrocyte Membrane-Coated Nanosponges. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701366	10.1	59
333	Group B Streptococcal Maternal Colonization and Neonatal Disease: Molecular Mechanisms and Preventative Approaches. <i>Frontiers in Pediatrics</i> , <b>2018</b> , 6, 27	3.4	59
332	Human milk oligosaccharides protect bladder epithelial cells against uropathogenic <i>Escherichia coli</i> invasion and cytotoxicity. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 389-98	7	59
331	<i>Streptococcus iniae</i> capsule impairs phagocytic clearance and contributes to virulence in fish. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1279-87	3.5	59
330	Rapid evolution of binding specificities and expression patterns of inhibitory CD33-related Siglecs in primates. <i>FASEB Journal</i> , <b>2014</b> , 28, 1280-93	0.9	58
329	Novel bacterial metabolite merochlorin A demonstrates in vitro activity against multi-drug resistant methicillin-resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e29439	3.7	58
328	Role of <i>Staphylococcus aureus</i> catalase in niche competition against <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 2275-8	3.5	58
327	New insights into the biological effects of anthrax toxins: linking cellular to organismal responses. <i>Microbes and Infection</i> , <b>2012</b> , 14, 97-118	9.3	57
326	Activity of the thiopeptide antibiotic nosiheptide against contemporary strains of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Antibiotics</i> , <b>2012</b> , 65, 593-8	3.7	57
325	Structural and functional dissection of the heterocyclic peptide cytotoxin streptolysin S. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 13004-12	5.4	57
324	<i>Streptococcus iniae</i> virulence is associated with a distinct genetic profile. <i>Infection and Immunity</i> , <b>2001</b> , 69, 1994-2000	3.7	57

323	Identification of a streptolysin S-associated gene cluster and its role in the pathogenesis of Streptococcus iniae disease. <i>Infection and Immunity</i> , <b>2002</b> , 70, 5730-9	3.7	56
322	RAB11-mediated trafficking in host-pathogen interactions. <i>Nature Reviews Microbiology</i> , <b>2014</b> , 12, 624-34	4.2	55
321	Loss of Siglec-14 reduces the risk of chronic obstructive pulmonary disease exacerbation. <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 3199-210	10.3	55
320	Chemokine-cleaving Streptococcus pyogenes protease SpyCEP is necessary and sufficient for bacterial dissemination within soft tissues and the respiratory tract. <i>Molecular Microbiology</i> , <b>2010</b> , 76, 1387-97	4.1	55
319	DNase Sda1 allows invasive M1T1 Group A Streptococcus to prevent TLR9-dependent recognition. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002736	7.6	55
318	The stretch responsive microRNA miR-148a-3p is a novel repressor of IKBKB, NF- $\kappa$ B signaling, and inflammatory gene expression in human aortic valve cells. <i>FASEB Journal</i> , <b>2015</b> , 29, 1859-68	0.9	54
317	Inducing host protection in pneumococcal sepsis by preactivation of the Ashwell-Morell receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 20218-23	11.5	54
316	Erythrocyte sialoglycoproteins engage Siglec-9 on neutrophils to suppress activation. <i>Blood</i> , <b>2017</b> , 129, 3100-3110	2.2	53
315	Subterfuge and sabotage: evasion of host innate defenses by invasive gram-positive bacterial pathogens. <i>Annual Review of Microbiology</i> , <b>2014</b> , 68, 439-58	17.5	52
314	Specific inactivation of two immunomodulatory SIGLEC genes during human evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 9935-40	11.5	52
313	Streptolysin O Rapidly Impairs Neutrophil Oxidative Burst and Antibacterial Responses to Group A Streptococcus. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 581	8.4	51
312	Pharmacological properties of the marine natural product marinopyrrole A against methicillin-resistant Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 3305-12	5.9	51
311	Phosphonosulfonates are potent, selective inhibitors of dehydrosqualene synthase and staphyloxanthin biosynthesis in Staphylococcus aureus. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 976-88	8.3	51
310	M1T1 group A streptococcal pili promote epithelial colonization but diminish systemic virulence through neutrophil extracellular entrapment. <i>Journal of Molecular Medicine</i> , <b>2010</b> , 88, 371-81	5.5	51
309	A naturally occurring mutation in ropB suppresses SpeB expression and reduces M1T1 group A streptococcal systemic virulence. <i>PLoS ONE</i> , <b>2008</b> , 3, e4102	3.7	51
308	Virulence role of group B Streptococcus beta-hemolysin/cytolysin in a neonatal rabbit model of early-onset pulmonary infection. <i>Journal of Infectious Diseases</i> , <b>2005</b> , 191, 1287-91	7	51
307	Streptococcal toxins: role in pathogenesis and disease. <i>Cellular Microbiology</i> , <b>2015</b> , 17, 1721-41	3.9	50
306	Treatment of high-level gentamicin-resistant Enterococcus faecalis endocarditis with daptomycin plus ceftaroline. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 4042-5	5.9	50

305	Recurrent group A tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T cells. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	49
304	Clostridiolysin S, a post-translationally modified biotoxin from <i>Clostridium botulinum</i> . <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 28220-8	5.4	49
303	Genotypic and phenotypic evaluation of the evolution of high-level daptomycin nonsusceptibility in vancomycin-resistant <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 6051-3	5.9	49
302	How group A <i>Streptococcus</i> circumvents host phagocyte defenses. <i>Future Microbiology</i> , <b>2007</b> , 2, 75-84	2.9	49
301	Group B streptococcal beta-hemolysin induces mortality and liver injury in experimental sepsis. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 185, 1745-53	7	49
300	Paired Siglec receptors generate opposite inflammatory responses to a human-specific pathogen. <i>EMBO Journal</i> , <b>2017</b> , 36, 751-760	13	48
299	Mechanisms of group A <i>Streptococcus</i> resistance to reactive oxygen species. <i>FEMS Microbiology Reviews</i> , <b>2015</b> , 39, 488-508	15.1	48
298	The group B streptococcal sialic acid O-acetyltransferase is encoded by <i>neuD</i> , a conserved component of bacterial sialic acid biosynthetic gene clusters. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 11186-92	5.4	48
297	Host and pathogen hyaluronan signal through human siglec-9 to suppress neutrophil activation. <i>Journal of Molecular Medicine</i> , <b>2016</b> , 94, 219-33	5.5	47
296	Severity of group B streptococcal arthritis is correlated with beta-hemolysin expression. <i>Journal of Infectious Diseases</i> , <b>2000</b> , 182, 824-32	7	47
295	The long noncoding RNA regulates inflammatory gene expression. <i>EMBO Journal</i> , <b>2019</b> , 38,	13	46
294	Role of Hypoxia Inducible Factor-1 $\alpha$ (HIF-1 $\alpha$ ) in Innate Defense against Uropathogenic <i>Escherichia coli</i> Infection. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004818	7.6	45
293	Ubiquitin plays an atypical role in GPCR-induced p38 MAP kinase activation on endosomes. <i>Journal of Cell Biology</i> , <b>2015</b> , 210, 1117-31	7.3	45
292	Neutrophil antimicrobial defense against <i>Staphylococcus aureus</i> is mediated by phagolysosomal but not extracellular trap-associated cathelicidin. <i>Journal of Leukocyte Biology</i> , <b>2009</b> , 86, 1159-69	6.5	45
291	Leukocyte inflammatory responses provoked by pneumococcal sialidase. <i>MBio</i> , <b>2012</b> , 3,	7.8	45
290	Selective modulation of superantigen-induced responses by streptococcal cysteine protease. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 187, 398-407	7	45
289	A <i>Staphylococcus aureus</i> TIR domain protein virulence factor blocks TLR2-mediated NF- $\kappa$ B signaling. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 485-98	6.9	44
288	<i>Streptococcus iniae</i> beta-hemolysin streptolysin S is a virulence factor in fish infection. <i>Diseases of Aquatic Organisms</i> , <b>2007</b> , 76, 17-26	1.7	44

287	Recurrent infection progressively disables host protection against intestinal inflammation. <i>Science</i> , <b>2017</b> , 358,	33.3	43
286	Activity of the streptogramin antibiotic etamycin against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Antibiotics</i> , <b>2010</b> , 63, 219-24	3.7	43
285	Glycosaminoglycan binding facilitates entry of a bacterial pathogen into central nervous systems. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002082	7.6	43
284	Group A streptococcal M protein activates the NLRP3 inflammasome. <i>Nature Microbiology</i> , <b>2017</b> , 2, 1425-1434	21.4	42
283	A Red Blood Cell Membrane-Camouflaged Nanoparticle Counteracts Streptolysin -Mediated Virulence Phenotypes of Invasive Group A. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 477	5.6	42
282	Group B <i>Streptococcus</i> Evades Host Immunity by Degrading Hyaluronan. <i>Cell Host and Microbe</i> , <b>2015</b> , 18, 694-704	23.4	42
281	The novel polysaccharide deacetylase homologue Pdi contributes to virulence of the aquatic pathogen <i>Streptococcus iniae</i> . <i>Microbiology (United Kingdom)</i> , <b>2010</b> , 156, 543-554	2.9	42
280	The pore-forming toxin $\beta$ hemolysin/cytolysin triggers p38 MAPK-dependent IL-10 production in macrophages and inhibits innate immunity. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002812	7.6	42
279	Novel phenol-soluble modulin derivatives in community-associated methicillin-resistant <i>Staphylococcus aureus</i> identified through imaging mass spectrometry. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 13889-98	5.4	42
278	Analysis of the effects of cigarette smoke on staphylococcal virulence phenotypes. <i>Infection and Immunity</i> , <b>2015</b> , 83, 2443-52	3.7	41
277	Natural Product Anacardic Acid from Cashew Nut Shells Stimulates Neutrophil Extracellular Trap Production and Bactericidal Activity. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 13964-13973	5.4	41
276	Tracing the evolutionary history of the pandemic group A streptococcal M1T1 clone. <i>FASEB Journal</i> , <b>2012</b> , 26, 4675-84	0.9	41
275	Streptococcal inhibitor of complement promotes innate immune resistance phenotypes of invasive M1T1 group A <i>Streptococcus</i> . <i>Journal of Innate Immunity</i> , <b>2010</b> , 2, 587-95	6.9	41
274	NeuA sialic acid O-acetyltransferase activity modulates O-acetylation of capsular polysaccharide in group B <i>Streptococcus</i> . <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 27562-71	5.4	41
273	Conserved anchorless surface proteins as group A streptococcal vaccine candidates. <i>Journal of Molecular Medicine</i> , <b>2012</b> , 90, 1197-207	5.5	40
272	Bacterial phenotype variants in group B streptococcal toxic shock syndrome. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 223-32	10.2	40
271	Age-Appropriate Functions and Dysfunctions of the Neonatal Neutrophil. <i>Frontiers in Pediatrics</i> , <b>2017</b> , 5, 23	3.4	39
270	Differing effects of exogenous or endogenous cathelicidin on macrophage toll-like receptor signaling. <i>Immunology and Cell Biology</i> , <b>2009</b> , 87, 496-500	5	39

269	Penicillin-binding protein 1a promotes resistance of group B streptococcus to antimicrobial peptides. <i>Infection and Immunity</i> , <b>2006</b> , 74, 6179-87	3.7	39
268	Serum opacity factor promotes group A streptococcal epithelial cell invasion and virulence. <i>Molecular Microbiology</i> , <b>2006</b> , 62, 15-25	4.1	39
267	Penicillin Binding Protein 1 Is Important in the Compensatory Response of Staphylococcus aureus to Daptomycin-Induced Membrane Damage and Is a Potential Target for $\beta$ -Lactam-Daptomycin Synergy. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 451-8	5.9	38
266	HIF-1 $\beta$ influences myeloid cell antigen presentation and response to subcutaneous OVA vaccination. <i>Journal of Molecular Medicine</i> , <b>2013</b> , 91, 1199-205	5.5	38
265	Self-Assembled Colloidal Gel Using Cell Membrane-Coated Nanosponges as Building Blocks. <i>ACS Nano</i> , <b>2017</b> , 11, 11923-11930	16.7	38
264	Pharmacological inhibition of the ClpXP protease increases bacterial susceptibility to host cathelicidin antimicrobial peptides and cell envelope-active antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 1854-61	5.9	38
263	Selectively guanidinylated aminoglycosides as antibiotics. <i>ChemMedChem</i> , <b>2012</b> , 7, 1237-44	3.7	38
262	Visualization and Functional Evaluation of Phagocyte Extracellular Traps. <i>Methods in Microbiology</i> , <b>2010</b> , 37, 139-160	2.8	38
261	ClpX contributes to innate defense peptide resistance and virulence phenotypes of Bacillus anthracis. <i>Journal of Innate Immunity</i> , <b>2009</b> , 1, 494-506	6.9	38
260	Role of group A Streptococcus HtrA in the maturation of SpeB protease. <i>Proteomics</i> , <b>2007</b> , 7, 4488-98	4.8	38
259	Extracellular virulence factors of group B Streptococci. <i>Frontiers in Bioscience - Landmark</i> , <b>2004</b> , 9, 1794-802	8.02	38
258	Isolation and structure elucidation of lipopeptide antibiotic taromycin B from the activated taromycin biosynthetic gene cluster. <i>Journal of Antibiotics</i> , <b>2018</b> , 71, 333-338	3.7	38
257	Myeloid cell HIF-1 $\beta$ regulates asthma airway resistance and eosinophil function. <i>Journal of Molecular Medicine</i> , <b>2013</b> , 91, 637-44	5.5	37
256	Impairment of innate immune killing mechanisms by bacteriostatic antibiotics. <i>FASEB Journal</i> , <b>2007</b> , 21, 1107-16	0.9	37
255	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> , <b>2019</b> , 116, 7465-7470	11.5	36
254	Group A Streptococcal M1 Protein Sequesters Cathelicidin to Evade Innate Immune Killing. <i>Cell Host and Microbe</i> , <b>2015</b> , 18, 471-7	23.4	36
253	Standard susceptibility testing overlooks potent azithromycin activity and cationic peptide synergy against MDR <i>Stenotrophomonas maltophilia</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 1264-9	5.1	36
252	<i>Staphylococcus aureus</i> modulation of innate immune responses through Toll-like (TLR), (NOD)-like (NLR) and C-type lectin (CLR) receptors. <i>FEMS Microbiology Reviews</i> , <b>2018</b> , 42, 656-671	15.1	36

251	Hypoxia potentiates allergen induction of HIF-1 $\beta$ -chemokines, airway inflammation, TGF- $\beta$ , and airway remodeling in a mouse model. <i>Clinical Immunology</i> , <b>2013</b> , 147, 27-37	9	36
250	In vitro activity of daptomycin in combination with $\beta$ -lactams, gentamicin, rifampin, and tigecycline against daptomycin-nonsusceptible enterococci. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4279-88	5.9	36
249	Hypoxia-Inducible Factor (HIF) as a Pharmacological Target for Prevention and Treatment of Infectious Diseases. <i>Infectious Diseases and Therapy</i> , <b>2014</b> , 3, 159-74	6.2	36
248	The FbaB-type fibronectin-binding protein of <i>Streptococcus pyogenes</i> promotes specific invasion into endothelial cells. <i>Cellular Microbiology</i> , <b>2011</b> , 13, 1200-11	3.9	36
247	Study of the IgG endoglycosidase EndoS in group A streptococcal phagocyte resistance and virulence. <i>BMC Microbiology</i> , <b>2011</b> , 11, 120	4.5	35
246	Genetic and biochemical modulation of sialic acid O-acetylation on group B <i>Streptococcus</i> : phenotypic and functional impact. <i>Glycobiology</i> , <b>2009</b> , 19, 1204-13	5.8	35
245	Sulfur(VI) Fluoride Exchange (SuFEx)-Enabled High-Throughput Medicinal Chemistry. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10899-10904	16.4	34
244	Modeling neuro-immune interactions during Zika virus infection. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 41-52	5.6	34
243	Membrane-Derived Vesicles Promote Bacterial Virulence and Confer Protective Immunity in Murine Infection Models. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 262	5.7	34
242	Observing the invisible through imaging mass spectrometry, a window into the metabolic exchange patterns of microbes. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 5069-5076	3.9	34
241	Total synthesis and biological evaluation of marinopyrrole A and analogues. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2041-2043	2	34
240	Bacterial pore-forming cytolysins induce neuronal damage in a rat model of neonatal meningitis. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 203, 393-400	7	34
239	O-Acetylation of sialic acid on Group B <i>Streptococcus</i> inhibits neutrophil suppression and virulence. <i>Biochemical Journal</i> , <b>2010</b> , 428, 163-8	3.8	34
238	Conserved patterns hidden within group A <i>Streptococcus</i> M protein hypervariability recognize human C4b-binding protein. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16155	26.6	33
237	Adenosine-A3 receptors in neutrophil microdomains promote the formation of bacteria-tethering cytonemes. <i>EMBO Reports</i> , <b>2013</b> , 14, 726-32	6.5	33
236	Genetic characterization and virulence role of the RALP3/LSA locus upstream of the streptolysin s operon in invasive M1T1 Group A <i>Streptococcus</i> . <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1322-9	3.5	33
235	How Neutrophils Meet Their End. <i>Trends in Immunology</i> , <b>2020</b> , 41, 531-544	14.4	33
234	Increased Endovascular <i>Staphylococcus aureus</i> Inoculum Is the Link Between Elevated Serum Interleukin 10 Concentrations and Mortality in Patients With Bacteremia. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, 1406-1412	11.6	32

233	A group A Streptococcus ADP-ribosyltransferase toxin stimulates a protective interleukin 1-dependent macrophage immune response. <i>MBio</i> , <b>2015</b> , 6, e00133	7.8	32
232	Role of macrophage sialoadhesin in host defense against the sialylated pathogen group B Streptococcus. <i>Journal of Molecular Medicine</i> , <b>2014</b> , 92, 951-9	5.5	32
231	Fibrocyte-like cells recruited to the spleen support innate and adaptive immune responses to acute injury or infection. <i>Journal of Molecular Medicine</i> , <b>2011</b> , 89, 997-1013	5.5	32
230	Parameters governing invasive disease propensity of non-M1 serotype group A streptococci. <i>Journal of Innate Immunity</i> , <b>2010</b> , 2, 596-606	6.9	32
229	Conquering Neutrophils. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005682	7.6	32
228	A bacterial pathogen co-opts host plasmin to resist killing by cathelicidin antimicrobial peptides. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 40891-7	5.4	30
227	Human transferrin confers serum resistance against Bacillus anthracis. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 27609-13	5.4	30
226	CAMP factor is not essential for systemic virulence of Group B Streptococcus. <i>Microbial Pathogenesis</i> , <b>2008</b> , 44, 84-8	3.8	30
225	Inactivation of DltA modulates virulence factor expression in Streptococcus pyogenes. <i>PLoS ONE</i> , <b>2009</b> , 4, e5366	3.7	30
224	An Experimental Group A Vaccine That Reduces Pharyngitis and Tonsillitis in a Nonhuman Primate Model. <i>MBio</i> , <b>2019</b> , 10,	7.8	29
223	IKKbeta/NF-kappaB and the miscreant macrophage. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 1255-9	16.6	29
222	Differing Efficacies of Lead Group A Streptococcal Vaccine Candidates and Full-Length M Protein in Cutaneous and Invasive Disease Models. <i>MBio</i> , <b>2016</b> , 7,	7.8	29
221	Streptococcus pneumoniae Senses a Human-like Sialic Acid Profile via the Response Regulator CiaR. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 307-317	23.4	29
220	Refactoring the Cryptic Streptophenazine Biosynthetic Gene Cluster Unites Phenazine, Polyketide, and Nonribosomal Peptide Biochemistry. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 724-736.e7	8.2	28
219	Group B streptococcal beta-hemolysin induces nitric oxide production in murine macrophages. <i>Journal of Infectious Diseases</i> , <b>2000</b> , 182, 150-7	7	28
218	Interaction of Bacterial Exotoxins with Neutrophil Extracellular Traps: Impact for the Infected Host. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 402	5.7	28
217	All major cholesterol-dependent cytolysins use glycans as cellular receptors. <i>Science Advances</i> , <b>2020</b> , 6, eaaz4926	14.3	27
216	Hyaluronan breakdown contributes to immune defense against group A Streptococcus. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26914-26921	5.4	27



215	Plasmin(ogen) acquisition by group A Streptococcus protects against C3b-mediated neutrophil killing. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 240-50	6.9	27
214	Importance of Toll-like receptor 9 in host defense against M1T1 group A Streptococcus infections. <i>Journal of Innate Immunity</i> , <b>2012</b> , 4, 213-8	6.9	27
213	Intracellular Streptococcus pyogenes in human macrophages display an altered gene expression profile. <i>PLoS ONE</i> , <b>2012</b> , 7, e35218	3.7	27
212	Heparan Sulfate Modulates Neutrophil and Endothelial Function in Antibacterial Innate Immunity. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3648-56	3.7	26
211	Anthracimycin activity against contemporary methicillin-resistant Staphylococcus aureus. <i>Journal of Antibiotics</i> , <b>2014</b> , 67, 549-53	3.7	26
210	Inflammasome/IL-1 $\beta$ Responses to Streptococcal Pathogens. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 518	8.4	26
209	The role of group B streptococci beta-hemolysin expression in newborn lung injury. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 418, 627-30	3.6	26
208	Heterogeneity of genetic pathways toward daptomycin nonsusceptibility in Staphylococcus aureus determined by adjunctive antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 2799-806	5.9	25
207	Coiled-coil destabilizing residues in the group A Streptococcus M1 protein are required for functional interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9515-20	11.5	25
206	Group B Streptococcus Biofilm Regulatory Protein A Contributes to Bacterial Physiology and Innate Immune Resistance. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, 1641-1652	7	25
205	Bacterial Sepsis and Meningitis <b>2011</b> , 222-275		25
204	Study of streptococcal hemoprotein receptor (Shr) in iron acquisition and virulence of M1T1 group A streptococcus. <i>Virulence</i> , <b>2012</b> , 3, 566-75	4.7	25
203	Group B streptococcal beta-hemolysin/cytolysin directly impairs cardiomyocyte viability and function. <i>PLoS ONE</i> , <b>2008</b> , 3, e2446	3.7	24
202	Exploration of Bacterial Bottlenecks and Streptococcus pneumoniae Pathogenesis by CRISPRi-Seq. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 107-120.e6	23.4	24
201	Myeloid HIF-1 is protective in Helicobacter pylori-mediated gastritis. <i>Journal of Immunology</i> , <b>2015</b> , 194, 3259-66	5.3	23
200	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> , <b>2020</b> , 117, 17228-17239	11.5	23
199	Alterations in neonatal neutrophil function attributable to increased immature forms. <i>Early Human Development</i> , <b>2016</b> , 103, 1-7	2.2	23
198	Mutual exclusivity of hyaluronan and hyaluronidase in invasive group A Streptococcus. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 32303-32315	5.4	23

197	Orthopaedic Manifestations of Invasive Group A Streptococcal Infections Complicating Primary Varicella. <i>Journal of Pediatric Orthopaedics</i> , <b>1996</b> , 16, 522-528	2.4	23
196	The murine vaginal microbiota and its perturbation by the human pathogen group B Streptococcus. <i>BMC Microbiology</i> , <b>2018</b> , 18, 197	4.5	23
195	Loss of CMAH during Human Evolution Primed the Monocyte-Macrophage Lineage toward a More Inflammatory and Phagocytic State. <i>Journal of Immunology</i> , <b>2017</b> , 198, 2366-2373	5.3	22
194	Mortality Risk Profiling of Staphylococcus aureus Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. <i>Cell</i> , <b>2020</b> , 182, 1311-1327.e14	56.2	22
193	A bacterial gene-drive system efficiently edits and inactivates a high copy number antibiotic resistance locus. <i>Nature Communications</i> , <b>2019</b> , 10, 5726	17.4	22
192	Whole-Genome Sequencing of Invasion-Resistant Cells Identifies Laminin $\alpha$ as a Host Factor for Bacterial Invasion. <i>MBio</i> , <b>2017</b> , 8,	7.8	21
191	Human evolutionary loss of epithelial Neu5Gc expression and species-specific susceptibility to cholera. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007133	7.6	21
190	Role for streptococcal collagen-like protein 1 in M1T1 group A Streptococcus resistance to neutrophil extracellular traps. <i>Infection and Immunity</i> , <b>2014</b> , 82, 4011-20	3.7	21
189	Synergy between Ursolic and Oleanolic Acids from Vitellaria paradoxa Leaf Extract and $\beta$ -Lactams against Methicillin-Resistant Staphylococcus aureus: In Vitro and In Vivo Activity and Underlying Mechanisms. <i>Molecules</i> , <b>2017</b> , 22,	4.8	21
188	IgG protease Mac/IdoS is not essential for phagocyte resistance or mouse virulence of M1T1 group A Streptococcus. <i>MBio</i> , <b>2013</b> , 4,	7.8	21
187	Opacity factor activity and epithelial cell binding by the serum opacity factor protein of Streptococcus pyogenes are functionally discrete. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 6359-66	5.4	21
186	Virulence Role of the GlcNAc Side Chain of the Lancefield Cell Wall Carbohydrate Antigen in Non-M1-Serotype Group A. <i>MBio</i> , <b>2018</b> , 9,	7.8	21
185	Retargeting pre-existing human antibodies to a bacterial pathogen with an alpha-Gal conjugated aptamer. <i>Journal of Molecular Medicine</i> , <b>2015</b> , 93, 619-31	5.5	20
184	Wnt5A Signaling Promotes Defense Against Bacterial Pathogens by Activating a Host Autophagy Circuit. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 679	8.4	20
183	Proteomic atlas of organ vasculopathies triggered by Staphylococcus aureus sepsis. <i>Nature Communications</i> , <b>2019</b> , 10, 4656	17.4	20
182	Interaction of Antibiotics with Innate Host Defense Factors against Serotype Newport. <i>MSphere</i> , <b>2017</b> , 2,	5	20
181	Innate barriers against infection and associated disorders. <i>Drug Discovery Today Disease Mechanisms</i> , <b>2008</b> , 5, 145-152		20
180	Pharmacological Targeting of Pore-Forming Toxins as Adjunctive Therapy for Invasive Bacterial Infection. <i>Toxins</i> , <b>2018</b> , 10,	4.9	20

179	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> , <b>2018</b> , 115, 10410-10415	11.5	20
178	Accelerated Aging and Clearance of Host Anti-inflammatory Enzymes by Discrete Pathogens Fuels Sepsis. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 500-513.e5	23.4	20
177	Group A Streptococcal M1 Protein Provides Resistance against the Antimicrobial Activity of Histones. <i>Scientific Reports</i> , <b>2017</b> , 7, 43039	4.9	19
176	Cefazolin and Ertapenem, a Synergistic Combination Used To Clear Persistent Staphylococcus aureus Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6609-6618	5.9	19
175	Novel role for the yceGH tellurite resistance genes in the pathogenesis of Bacillus anthracis. <i>Infection and Immunity</i> , <b>2014</b> , 82, 1132-40	3.7	19
174	A novel role for the transcription factor HIF-1 $\beta$ in the formation of mast cell extracellular traps. <i>Biochemical Journal</i> , <b>2012</b> , 446, 159-63	3.8	19
173	Transcription factor binding site analysis identifies FOXO transcription factors as regulators of the cutaneous wound healing process. <i>PLoS ONE</i> , <b>2014</b> , 9, e89274	3.7	19
172	Iron-chelating agent desferrioxamine stimulates formation of neutrophil extracellular traps (NETs) in human blood-derived neutrophils. <i>Bioscience Reports</i> , <b>2016</b> , 36,	4.1	19
171	Blood Group Antigen Recognition via the Group A Streptococcal M Protein Mediates Host Colonization. <i>MBio</i> , <b>2017</b> , 8,	7.8	18
170	Is a Reported Penicillin Allergy Sufficient Grounds to Forgo the Multidimensional Antimicrobial Benefits of $\beta$ -Lactam Antibiotics?. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 157-164	11.6	18
169	Role of hypoxia inducible factor-1 in keratinocyte inflammatory response and neutrophil recruitment. <i>Journal of Inflammation</i> , <b>2013</b> , 10, 28	6.7	18
168	Serine-Aspartate Repeat Protein D Increases Staphylococcus aureus Virulence and Survival in Blood. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	18
167	Salinipyronone and Pacificanone Are Biosynthetic By-products of the Rosamicin Polyketide Synthase. <i>ChemBioChem</i> , <b>2015</b> , 16, 1443-7	3.8	18
166	Marinopyrrole derivatives as potential antibiotic agents against methicillin-resistant Staphylococcus aureus (I). <i>Marine Drugs</i> , <b>2012</b> , 10, 953-62	6	18
165	Bactericidal kinetics of marine-derived napyradiomycins against contemporary methicillin-resistant Staphylococcus aureus. <i>Marine Drugs</i> , <b>2011</b> , 9, 680-9	6	18
164	Genome-scale analysis of Methicillin-resistant Staphylococcus aureus USA300 reveals a tradeoff between pathogenesis and drug resistance. <i>Scientific Reports</i> , <b>2018</b> , 8, 2215	4.9	17
163	The fibrinogen-binding M1 protein reduces pharyngeal cell adherence and colonization phenotypes of M1T1 group A Streptococcus. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 3539-46	5.4	17
162	The Mla pathway is critical for Pseudomonas aeruginosa resistance to outer membrane permeabilization and host innate immune clearance. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 1127-1136	5.5	17

161	Acquisition of the Sda1-encoding bacteriophage does not enhance virulence of the serotype M1 Streptococcus pyogenes strain SF370. <i>Infection and Immunity</i> , <b>2013</b> , 81, 2062-9	3.7	17
160	Group A Streptococcus encounters with host macrophages. <i>Future Microbiology</i> , <b>2018</b> , 13, 119-134	2.9	17
159	Strain-associated virulence factors of Streptococcus iniae in hybrid-striped bass. <i>Veterinary Microbiology</i> , <b>2008</b> , 131, 145-53	3.3	16
158	Interleukin-17A Contributes to the Control of Streptococcus pyogenes Colonization and Inflammation of the Female Genital Tract. <i>Scientific Reports</i> , <b>2016</b> , 6, 26836	4.9	16
157	Erythrocyte-Coated Nanoparticles Block Cytotoxic Effects of Group B $\beta$ -Hemolysin/Cytolysin. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 410	3.4	16
156	Trichomonas vaginalis Induces NLRP3 Inflammasome Activation and Pyroptotic Cell Death in Human Macrophages. <i>Journal of Innate Immunity</i> , <b>2019</b> , 11, 86-98	6.9	16
155	The TLR4-PAR1 Axis Regulates Bone Marrow Mesenchymal Stromal Cell Survival and Therapeutic Capacity in Experimental Bacterial Pneumonia. <i>Stem Cells</i> , <b>2018</b> , 36, 796-806	5.8	15
154	Molecular dynamic study of MlaC protein in Gram-negative bacteria: conformational flexibility, solvent effect and protein-phospholipid binding. <i>Protein Science</i> , <b>2016</b> , 25, 1430-7	6.3	15
153	The Accidental Orthodoxy of Drs. Mueller and Hinton. <i>EBioMedicine</i> , <b>2017</b> , 22, 26-27	8.8	15
152	Dual dehydrosqualene/squalene synthase inhibitors: leads for innate immune system-based therapeutics. <i>ChemMedChem</i> , <b>2012</b> , 7, 561-4	3.7	15
151	A key role for the urokinase plasminogen activator (uPA) in invasive Group A streptococcal infection. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003469	7.6	15
150	The CXC chemokine-degrading protease SpyCep of Streptococcus pyogenes promotes its uptake into endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 27798-805	5.4	15
149	Late-onset group B streptococcal infection in identical twins: insight to disease pathogenesis. <i>Journal of Perinatology</i> , <b>2002</b> , 22, 326-30	3.1	15
148	Siglec-14 Enhances NLRP3-Inflammasome Activation in Macrophages. <i>Journal of Innate Immunity</i> , <b>2020</b> , 12, 333-343	6.9	15
147	The Selective Estrogen Receptor Modulator Raloxifene Inhibits Neutrophil Extracellular Trap Formation. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 566	8.4	15
146	The lytic polysaccharide monooxygenase CbpD promotes Pseudomonas aeruginosa virulence in systemic infection. <i>Nature Communications</i> , <b>2021</b> , 12, 1230	17.4	15
145	Examining the use of ceftaroline in the treatment of Streptococcus pneumoniae meningitis with reference to human cathelicidin LL-37. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 2428-31	5.9	14
144	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> , <b>2018</b> , 8, 160	5.9	14

143	Tamm-Horsfall glycoprotein engages human Siglec-9 to modulate neutrophil activation in the urinary tract. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 960-965	5	14
142	Marinopyrrole derivatives as potential antibiotic agents against methicillin-resistant <i>Staphylococcus aureus</i> (III). <i>Marine Drugs</i> , <b>2014</b> , 12, 2458-70	6	14
141	Epidermal deletion of HIF-2 $\beta$ stimulates wound closure. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 801-808	4.3	14
140	Human Siglec-5 inhibitory receptor and immunoglobulin A (IgA) have separate binding sites in streptococcal beta protein. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 33981-91	5.4	14
139	A conserved UDP-glucose dehydrogenase encoded outside the hasABC operon contributes to capsule biogenesis in group A <i>Streptococcus</i> . <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6154-61	3.5	14
138	Siglecs at the Host-Pathogen Interface. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1204, 197-214	3.14	14
137	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> , <b>2020</b> , 117, 26895-26906	11.5	14
136	Cathelicidin-deficient mice exhibit increased survival and upregulation of key inflammatory response genes following cecal ligation and puncture. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 995-1003	5.5	13
135	Augmentation of Urinary Lactoferrin Enhances Host Innate Immune Clearance of Uropathogenic <i>Escherichia coli</i> . <i>Journal of Innate Immunity</i> , <b>2019</b> , 11, 481-495	6.9	13
134	Nitric Oxide Synthase as a Target for Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Chemistry and Biology</i> , <b>2015</b> , 22, 785-92		13
133	Evolutionary inactivation of a sialidase in group B <i>Streptococcus</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 28852	4.9	13
132	Surprising synergy of dual translation inhibition vs. <i>Acinetobacter baumannii</i> and other multidrug-resistant bacterial pathogens. <i>EBioMedicine</i> , <b>2019</b> , 46, 193-201	8.8	13
131	Coiled-coil irregularities of the M1 protein structure promote M1-fibrinogen interaction and influence group A <i>Streptococcus</i> host cell interactions and virulence. <i>Journal of Molecular Medicine</i> , <b>2013</b> , 91, 861-9	5.5	13
130	Beta-Lactamase Repressor Blal Modulates <i>Staphylococcus aureus</i> Cathelicidin Antimicrobial Peptide Resistance and Virulence. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136605	3.7	13
129	N-terminal ArgD peptides from the classical <i>Staphylococcus aureus</i> Agr system have cytotoxic and proinflammatory activities. <i>Chemistry and Biology</i> , <b>2014</b> , 21, 1457-62		13
128	Singly modified amikacin and tobramycin derivatives show increased rRNA A-site binding and higher potency against resistant bacteria. <i>ChemMedChem</i> , <b>2014</b> , 9, 2164-71	3.7	13
127	HIV-1 Integrase Inhibitor-Inspired Antibacterials Targeting Isoprenoid Biosynthesis. <i>ACS Medicinal Chemistry Letters</i> , <b>2012</b> , 3, 402-406	4.3	13
126	The Fungal Pathogen Promotes Bladder Colonization of Group B. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 437	5.9	13

125	PHLPP1 counter-regulates STAT1-mediated inflammatory signaling. <i>ELife</i> , <b>2019</b> , 8,	8.9	13
124	Prophage exotoxins enhance colonization fitness in epidemic scarlet fever-causing <i>Streptococcus pyogenes</i> . <i>Nature Communications</i> , <b>2020</b> , 11, 5018	17.4	13
123	Evidence To Support Continuation of Statin Therapy in Patients with <i>Staphylococcus aureus</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	12
122	<i>Listeria monocytogenes</i> endocarditis: case report, review of the literature, and laboratory evaluation of potential novel antibiotic synergies. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 468-478	14.3	12
121	Engineered proteins with sensing and activating modules for automated reprogramming of cellular functions. <i>Nature Communications</i> , <b>2017</b> , 8, 477	17.4	12
120	Classical $\beta$ -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> , <b>2017</b> , 61,	5.9	12
119	Positive regulation of TRAF6-dependent innate immune responses by protein phosphatase PP1- $\alpha$ . <i>PLoS ONE</i> , <b>2014</b> , 9, e89284	3.7	12
118	Group B Streptococcal Infections <b>2006</b> , 403-464		12
117	Synergistic action of nitric oxide release from murine macrophages caused by group B streptococcal cell wall and beta-hemolysin/cytolysin. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 186, 1518-21	7	12
116	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	12
115	Cefazolin and Ertapenem Salvage Therapy Rapidly Clears Persistent Methicillin-Susceptible <i>Staphylococcus aureus</i> Bacteremia. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 1413-1418	11.6	12
114	Inhibition of Human Neutrophil Extracellular Trap (NET) Production by Propofol and Lipid Emulsion. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 323	5.6	11
113	Avibactam Sensitizes Carbapenem-Resistant NDM-1-Producing <i>Klebsiella pneumoniae</i> to Innate Immune Clearance. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 484-493	7	11
112	SCH79797 improves outcomes in experimental bacterial pneumonia by boosting neutrophil killing and direct antibiotic activity. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 1586-1594	5.1	11
111	Human cathelicidin LL-37 resistance and increased daptomycin MIC in methicillin-resistant <i>Staphylococcus aureus</i> strain USA600 (ST45) are associated with increased mortality in a hospital setting. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 2172-4	9.7	11
110	Activation of the stress response in macrophages alters the M1/M2 balance by enhancing bacterial killing and IL-10 expression. <i>Journal of Molecular Medicine</i> , <b>2014</b> , 92, 1305-17	5.5	11
109	Pathogen microevolution in high resolution. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 16ps4	17.5	11
108	Current Paradigms of Combination therapy in Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Bacteremia: Does it Work, Which Combination and For Which Patients?. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	11

107	Tamm-Horsfall Protein Protects the Urinary Tract against. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	11
106	Treatment of Multidrug-Resistant Vancomycin-Resistant Enterococcus faecium Hardware-Associated Vertebral Osteomyelitis with Oritavancin plus Ampicillin. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	10
105	Detection of Epidemic Scarlet Fever Group A Streptococcus in Australia. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1232-1234	11.6	10
104	Synthesis of mevalonate- and fluorinated mevalonate prodrugs and their in vitro human plasma stability. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 90, 448-61	6.8	10
103	Innate Immune Interactions between and Host Neutrophils. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 2	5.9	10
102	Inflammasome inhibition blocks cardiac glycoside cell toxicity. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 12846-12854	5.4	10
101	Streptococcal collagen-like protein A and general stress protein 24 are immunomodulating virulence factors of group A Streptococcus. <i>FASEB Journal</i> , <b>2013</b> , 27, 2633-43	0.9	10
100	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> , <b>2020</b> , 34, 149-165	12.6	10
99	Interleukin (IL)-1 and IL-10 Host Responses in Patients With Staphylococcus aureus Bacteremia Determined by Antimicrobial Therapy. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2634-2640	11.6	10
98	Clove Bud Oil Modulates Pathogenicity Phenotypes of the Opportunistic Human Pathogen Pseudomonas aeruginosa. <i>Scientific Reports</i> , <b>2018</b> , 8, 3437	4.9	9
97	Differential expression and intrachromosomal evolution of the sghC1q genes in zebrafish (Danio rerio). <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 31-8	3.2	9
96	Host Cathelicidin Exacerbates Group B Urinary Tract Infection. <i>MSphere</i> , <b>2020</b> , 5,	5	8
95	Telavancin for refractory MRSA bacteraemia in intermittent haemodialysis recipients. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 764-767	5.1	8
94	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> , <b>2018</b> , 5, 131	4.9	8
93	Phenol soluble modulins (PSM) variants of community-associated methicillin-resistant Staphylococcus aureus (MRSA) captured using mass spectrometry-based molecular networking. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 1262-72	7.6	8
92	A simple microtiter plate screening assay for bacterial invasion or adherence. <i>Cytotechnology</i> , <b>1998</b> , 20, 107-111		8
91	Orthopaedic manifestations of invasive group A streptococcal infections complicating primary varicella. <i>Journal of Pediatric Orthopaedics</i> , <b>1996</b> , 16, 522-8	2.4	8
90	Repurposed drugs block toxin-driven platelet clearance by the hepatic Ashwell-Morell receptor to clear bacteremia. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	8

89	Streptococcal Lancefield polysaccharides are critical cell wall determinants for human Group IIA secreted phospholipase A2 to exert its bactericidal effects. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007348	7.6	8
88	Functional and Proteomic Analysis of Virulence Upon Loss of Its Native Cas9 Nuclease. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1967	5.7	7
87	On resin amino acid side chain attachment strategy for the head to tail synthesis of new glutamine containing gramicidin-S analogs and their antimicrobial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 5701-4	2.9	7
86	Site-Specific Conjugation of Cell Wall Polyrhamnose to Protein SpyAD Envisioning a Safe Universal Group A Streptococcal Vaccine. <i>Infectious Microbes &amp; Diseases</i> , <b>2021</b> , 3, 87-100	1.3	7
85	The <i>Pseudomonas aeruginosa</i> protease LasB directly activates IL-1 $\beta$ . <i>EBioMedicine</i> , <b>2020</b> , 60, 102984	8.8	7
84	Decontaminating surfaces with atomized disinfectants generated by a novel thickness-mode lithium niobate device. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 6459-6467	5.7	7
83	Strain-Specific Metabolic Requirements Revealed by a Defined Minimal Medium for Systems Analyses of. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	6
82	Impact of Anesthetics on Human Neutrophil Function. <i>Anesthesia and Analgesia</i> , <b>2019</b> , 128, 569-574	3.9	6
81	Anthrax edema toxin disrupts distinct steps in Rab11-dependent junctional transport. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006603	7.6	6
80	Immunoglobulin Attenuates Streptokinase-Mediated Virulence in <i>Streptococcus dysgalactiae</i> Subspecies <i>equisimilis</i> Necrotizing Fasciitis. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 270-279	7	6
79	Myeloid cell sirtuin-1 expression does not alter host immune responses to Gram-negative endotoxemia or Gram-positive bacterial infection. <i>PLoS ONE</i> , <b>2013</b> , 8, e84481	3.7	6
78	IN REPLY: VARICELLA AND NECROTIZING FASCIITIS. <i>Pediatric Infectious Disease Journal</i> , <b>1996</b> , 15, 556-557	4	6
77	Revealing 29 sets of independently modulated genes in <i>Staphylococcus aureus</i> , their regulators and role in key physiological responses		6
76	T4 Pili Promote Colonization and Immune Evasion Phenotypes of Nonencapsulated M4 <i>Streptococcus pyogenes</i> . <i>MBio</i> , <b>2020</b> , 11,	7.8	6
75	Ticagrelor Increases Platelet-Mediated <i>Staphylococcus aureus</i> Killing, Resulting in Clearance of Bacteremia. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1566-1569	7	6
74	Environmental conditions dictate differential evolution of vancomycin resistance in <i>Staphylococcus aureus</i> . <i>Communications Biology</i> , <b>2021</b> , 4, 793	6.7	6
73	Component Analysis of Multipurpose Contact Lens Solutions To Enhance Activity against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 4259-63	5.9	6
72	Genetic Determinants Enabling Medium-Dependent Adaptation to Nafcillin in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>MSystems</i> , <b>2020</b> , 5,	7.6	6



71	Antibiotics and Innate Immunity: A Cooperative Effort Toward the Successful Treatment of Infections. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa302	1	5
70	Enhanced topical delivery of non-complexed molecular iodine for Methicillin-resistant Staphylococcus aureus decolonization. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 554, 81-86	6.5	5
69	Signaling cascades and inflammasome activation in microbial infections. <i>Inflammasome</i> , <b>2016</b> , 2,		4
68	Characterization of CA-MRSA TCH1516 exposed to nafcillin in bacteriological and physiological media. <i>Scientific Data</i> , <b>2019</b> , 6, 43	8.2	4
67	Azithromycin Exerts Bactericidal Activity and Enhances Innate Immune Mediated Killing of MDR <i>Achromobacter xylosoxidans</i> . <i>Infectious Microbes &amp; Diseases</i> , <b>2020</b> , 2, 10-17	1.3	4
66	Tuning the Innate Immune Response to Cyclic Dinucleotides by Using Atomic Mutagenesis. <i>ChemBioChem</i> , <b>2020</b> , 21, 2595-2598	3.8	4
65	Humanized Exposures of a $\beta$ -Lactam- $\beta$ -Lactamase Inhibitor, Tazobactam, versus Non- $\beta$ -Lactam- $\beta$ -Lactamase Inhibitor, Avibactam, with or without Colistin, against <i>Acinetobacter baumannii</i> in Murine Thigh and Lung Infection Models. <i>Pharmacology</i> , <b>2018</b> , 101, 255-261	2.3	4
64	Multicomponent Domino Synthesis and Antibacterial Activity of Neomycin $\beta$ ugar Conjugates. <i>Synthesis</i> , <b>2016</b> , 48, 4443-4450	2.9	4
63	Hedgehog: linking uracil to innate defense. <i>Cell Host and Microbe</i> , <b>2015</b> , 17, 146-8	23.4	4
62	Pathogenic Mechanisms and Virulence Factors of Group B Streptococci <b>2014</b> , 152-168		4
61	Decomposition of transcriptional responses provides insights into differential antibiotic susceptibility		4
60	More than a Pore: Nonlytic Antimicrobial Functions of Complement and Bacterial Strategies for Evasion. <i>Microbiology and Molecular Biology Reviews</i> , <b>2021</b> , 85,	13.2	4
59	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> , <b>2021</b> , 6,	5	4
58	Exploring the Impact of Ketodeoxynonulosonic Acid in Host-Pathogen Interactions Using Uptake and Surface Display by Nontypeable <i>Haemophilus influenzae</i> . <i>MBio</i> , <b>2021</b> , 12,	7.8	4
57	Differential Effects of Penicillin Binding Protein Deletion on the Susceptibility of <i>Enterococcus faecium</i> to Cationic Peptide Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 6132-9	5.9	3
56	Severe soft tissue infection caused by a non-beta-hemolytic <i>Streptococcus pyogenes</i> strain harboring a premature stop mutation in the sagC gene. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 1962-5 <sup>9:7</sup>		3
55	Human Milk Oligosaccharides Reduce Murine Group B Vaginal Colonization with Minimal Impact on the Vaginal Microbiota.. <i>MSphere</i> , <b>2022</b> , e0088521	5	3
54	Evaluating Organism-Wide Changes in the Metabolome and Microbiome following a Single Dose of Antibiotic. <i>MSystems</i> , <b>2020</b> , 5,	7.6	3

53	Engineered Biomimetic Platelet Membrane-Coated Nanoparticles Block Staphylococcus aureus Cytotoxicity and Protect Against Lethal Systemic Infection. <i>Engineering</i> , <b>2020</b> , 7, 1149-1149	9.7	3
52	Streptococcus pyogenes upregulates arginine catabolism to exert its pathogenesis on the skin surface. <i>Cell Reports</i> , <b>2021</b> , 34, 108924	10.6	3
51	Profiling the effect of nafcillin on HA-MRSA D712 using bacteriological and physiological media. <i>Scientific Data</i> , <b>2019</b> , 6, 322	8.2	3
50	Opportunistic Invasive Infection by Group A Streptococcus During Anti-Interleukin-6 Immunotherapy. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 1260-1264	7	3
49	Heat shock protein 27 activity is linked to endothelial barrier recovery after proinflammatory GPCR-induced disruption. <i>Science Signaling</i> , <b>2021</b> , 14, eabc1044	8.8	3
48	Staphylococcus aureus: a blemish on skin immunity. <i>Cell Host and Microbe</i> , <b>2007</b> , 1, 161-2	23.4	2
47	Uremic serum damages endothelium by provoking excessive neutrophil extracellular trap formation. <i>Scientific Reports</i> , <b>2021</b> , 11, 21439	4.9	2
46	Role of Inflammasome-independent Activation of IL-1 $\beta$ by the Pseudomonas aeruginosa Protease LasB		2
45	An Irreversible Inhibitor to Probe the Role of Cysteine Protease SpeB in Evasion of Host Complement Defenses. <i>ACS Chemical Biology</i> , <b>2020</b> , 15, 2060-2069	4.9	2
44	Developmental Immaturity of Siglec Receptor Expression on Neonatal Alveolar Macrophages Predisposes to Severe Group B Streptococcal Infection. <i>iScience</i> , <b>2020</b> , 23, 101207	6.1	2
43	Multidimensional Proteome Profiling of Blood-Brain Barrier Perturbation by Group B. <i>MSystems</i> , <b>2020</b> , 5,	7.6	2
42	Hypoxia-Inducible Factor 1 Alpha Is Dispensable for Host Defense of Group B Streptococcus Colonization and Infection. <i>Journal of Innate Immunity</i> , <b>2021</b> , 13, 391-403	6.9	2
41	Docking simulation and antibiotic discovery targeting the MlaC protein in Gram-negative bacteria. <i>Chemical Biology and Drug Design</i> , <b>2019</b> , 93, 647-652	2.9	2
40	Driving to Safety: CRISPR-Based Genetic Approaches to Reducing Antibiotic Resistance. <i>Trends in Genetics</i> , <b>2021</b> , 37, 745-757	8.5	2
39	Impact of Clopidogrel on Clinical Outcomes in Patients with Staphylococcus aureus Bacteremia: a National Retrospective Cohort Study.. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2022</b> , e0211721	5.9	2
38	Proton-pump inhibitors do not influence clinical outcomes in patients with bacteremia. <i>Therapeutic Advances in Gastroenterology</i> , <b>2019</b> , 12, 1756284819834273	4.7	1
37	Streptococcus pyogenes (Group A Streptococcus) <b>2018</b> , 715-723.e2		1
36	The group B streptococcal hemolysin/cytolysin <b>2006</b> , 737-747		1

35	Genetic Characterization of Streptococcus pyogenes emm89 Strains Isolated in Japan From 2011 to 2019. <i>Infectious Microbes &amp; Diseases</i> , <b>2020</b> , 2, 160-166	1.3	1
34	Evidence that recurrent Group A streptococcus tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant Tfh cells		1
33	Innate antimicrobial peptide protects the skin from invasive bacterial infection		1
32	255. Ticagrelor Aids Platelet-Mediated Clearance in a Refractory Staphylococcus aureus Endovascular Infection with Septic Emboli. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S126-S127	1	1
31	Environmental conditions dictate differential evolution of vancomycin resistance in Staphylococcus aureus		1
30	Streptococcus pyogenes (Group A Streptococcus) <b>2012</b> , 698-707.e2		1
29	Novel role of the antimicrobial peptide LL37 in the formation and stabilization of neutrophil extracellular traps. <i>FASEB Journal</i> , <b>2012</b> , 26, 800.5	0.9	1
28	Evaluation of IL-17D in Host Immunity to Group A Infection. <i>Journal of Immunology</i> , <b>2020</b> , 205, 3122-3129	3.3	1
27	Reply to Kalil et al., "Is Daptomycin plus Ceftaroline Associated with Better Clinical Outcomes than Standard of Care Monotherapy for Staphylococcus aureus Bacteremia?". <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	1
26	Machine Learning of Bacterial Transcriptomes Reveals Responses Underlying Differential Antibiotic Susceptibility. <i>MSphere</i> , <b>2021</b> , 6, e0044321	5	1
25	Streptolysins are the primary inflammasome activators in macrophages during Streptococcus pyogenes infection. <i>Immunology and Cell Biology</i> , <b>2021</b> , 99, 1040-1052	5	1
24	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> , <b>2022</b> , 9, ofac159	15.9	1
23	Homophilic protein interactions facilitate bacterial aggregation and IgG-dependent complex formation by the Streptococcus canis M protein SCM. <i>Virulence</i> , <b>2019</b> , 10, 194-206	4.7	0
22	Bacterial Evasion of Host Antimicrobial Peptide Defenses <b>2016</b> , 413-443		0
21	Antimicrobial peptides and the skin		0
20	Dexmedetomidine does not directly inhibit neutrophil extracellular trap production.. <i>British Journal of Anaesthesia</i> , <b>2021</b> ,	5.4	0
19	The S Protein of Group B Is a Critical Virulence Determinant That Impacts the Cell Surface Virulome. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 729308	5.7	0
18	Immunobiology of the Classical Lancefield Group A Streptococcal Carbohydrate Antigen. <i>Infection and Immunity</i> , <b>2021</b> , 89, e0029221	3.7	0

17	Endothelial Heparan Sulfate Mediates Hepatic Neutrophil Trafficking and Injury during Staphylococcus aureus Sepsis. <i>MBio</i> , <b>2021</b> , 12, e0118121	7.8	o
16	Role of peribrachial fat as a key determinant of brachial artery dilatation for successful arteriovenous fistula maturation in hemodialysis patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 3841	4.9	
15	Staphylococcal Infections <b>2011</b> , 489-515		
14	The contribution of serum opacity factor to group A streptococcal epithelial cell invasion. <i>International Congress Series</i> , <b>2006</b> , 1289, 246-249		
13	DltABCD-mediated d-alanylation of teichoic acids in Group A Streptococcus confers innate immune resistance. <i>International Congress Series</i> , <b>2006</b> , 1289, 254-256		
12	Response from Nizet: Cyl and group B streptococcal hemolysis. <i>Trends in Microbiology</i> , <b>2003</b> , 11, 498	12.4	
11	264. Anti-platelet Therapy Significantly Reduces Inpatient Mortality in Patients with Staphylococcus aureus Bacteremia. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S131-S131	1	
10	Transcriptional studies of a novel family of short C1q domain proteins in zebrafish. <i>FASEB Journal</i> , <b>2008</b> , 22, 558-558	0.9	
9	The tumor suppressor phosphatase PHLPP1 suppresses inflammatory signaling by regulating the phosphorylation state and activity of STAT1. <i>FASEB Journal</i> , <b>2018</b> , 32, 648.11	0.9	
8	Discovering a sialic acid independent ligand for paired receptors Siglec-5 and -14 (1003.5). <i>FASEB Journal</i> , <b>2014</b> , 28, 1003.5	0.9	
7	Human milk oligosaccharides protect bladder epithelial cells against uropathogenic E. coli and Streptococcus agalactiae infections (38.5). <i>FASEB Journal</i> , <b>2014</b> , 28, 38.5	0.9	
6	Use of Vitamin A Supplementation to Enhance Neutrophil Function. <i>FASEB Journal</i> , <b>2015</b> , 29, 941.8	0.9	
5	Probing unexplored neutrophil GPCR signaling pathways to discover novel anti-bacterial targets. <i>FASEB Journal</i> , <b>2015</b> , 29, 973.4	0.9	
4	The G protein-coupled estrogen receptor GPR30 controls immune function by regulating neutrophil extracellular trap formation. <i>FASEB Journal</i> , <b>2015</b> , 29, 772.16	0.9	
3	A Novel Immunity Boosting Strategy through Hypoxia-Inducible Factor-1 (HIF-1) against Urinary Tract Infections. <i>FASEB Journal</i> , <b>2015</b> , 29, 558.7	0.9	
2	Pharmacological stabilization of hypoxia inducible factors (HIF) enhances endothelial immunity against invasive gram positive bacterial pathogens. <i>FASEB Journal</i> , <b>2013</b> , 27, lb587	0.9	
1	Iron chelating agents lead to the formation of neutrophil extracellular traps and subsequent entrapment of Staphylococcus aureus (1056.8). <i>FASEB Journal</i> , <b>2014</b> , 28, 1056.8	0.9	