

Frank R Deleo

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192
papers

21,502
citations

80
h-index

145
g-index

200
ext. papers

24,212
ext. citations

8.6
avg, IF

6.9
L-index

#	Paper	IF	Citations
192	Waves of resistance: Staphylococcus aureus in the antibiotic era. <i>Nature Reviews Microbiology</i> , 2009 , 7, 629-41	22.2	1590
191	Community-associated methicillin-resistant Staphylococcus aureus. <i>Lancet, The</i> , 2010 , 375, 1557-68	40	943
190	STAT3 mutations in the hyper-IgE syndrome. <i>New England Journal of Medicine</i> , 2007 , 357, 1608-19	59.2	930
189	Identification of novel cytolytic peptides as key virulence determinants for community-associated MRSA. <i>Nature Medicine</i> , 2007 , 13, 1510-4	50.5	768
188	Is Panton-Valentine leukocidin the major virulence determinant in community-associated methicillin-resistant Staphylococcus aureus disease?. <i>Journal of Infectious Diseases</i> , 2006 , 194, 1761-70	7	492
187	Polysaccharide intercellular adhesin (PIA) protects Staphylococcus epidermidis against major components of the human innate immune system. <i>Cellular Microbiology</i> , 2004 , 6, 269-75	3.9	478
186	Insights into mechanisms used by Staphylococcus aureus to avoid destruction by human neutrophils. <i>Journal of Immunology</i> , 2005 , 175, 3907-19	5.3	431
185	Assembly of the phagocyte NADPH oxidase: molecular interaction of oxidase proteins. <i>Journal of Leukocyte Biology</i> , 1996 , 60, 677-91	6.5	423
184	A crucial role for exopolysaccharide modification in bacterial biofilm formation, immune evasion, and virulence. <i>Journal of Biological Chemistry</i> , 2004 , 279, 54881-6	5.4	402
183	Poring over pores: alpha-hemolysin and Panton-Valentine leukocidin in Staphylococcus aureus pneumonia. <i>Nature Medicine</i> , 2007 , 13, 1405-6	50.5	389
182	Genome-wide analysis of group a streptococci reveals a mutation that modulates global phenotype and disease specificity. <i>PLoS Pathogens</i> , 2006 , 2, e5	7.6	344
181	Reemergence of antibiotic-resistant Staphylococcus aureus in the genomics era. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2464-74	15.9	331
180	The arginine catabolic mobile element and staphylococcal chromosomal cassette mec linkage: convergence of virulence and resistance in the USA300 clone of methicillin-resistant Staphylococcus aureus. <i>Journal of Infectious Diseases</i> , 2008 , 197, 1523-30	7	327
179	Evolution of virulence in epidemic community-associated methicillin-resistant Staphylococcus aureus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5883-8	11.5	312
178	Epidemic community-associated methicillin-resistant Staphylococcus aureus: recent clonal expansion and diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1327-32	11.5	292
177	Mobile genetic elements of Staphylococcus aureus. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3057-71	10.3	284
176	Carbapenemase-producing Klebsiella pneumoniae: molecular and genetic decoding. <i>Trends in Microbiology</i> , 2014 , 22, 686-96	12.4	281

175	Bacterial pathogens modulate an apoptosis differentiation program in human neutrophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10948-53	11.5	278
174	Neutrophil apoptosis and the resolution of infection. <i>Immunologic Research</i> , 2009 , 43, 25-61	4.3	267
173	Polymorphonuclear leukocytes mediate Staphylococcus aureus Panton-Valentine leukocidin-induced lung inflammation and injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5587-92	11.5	265
172	Targeting of alpha-hemolysin by active or passive immunization decreases severity of USA300 skin infection in a mouse model. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1050-8	7	255
171	Autosomal dominant and sporadic monocytopenia with susceptibility to mycobacteria, fungi, papillomaviruses, and myelodysplasia. <i>Blood</i> , 2010 , 115, 1519-29	2.2	251
170	Extracellular deoxyribonuclease made by group A Streptococcus assists pathogenesis by enhancing evasion of the innate immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 1679-84	11.5	250
169	Neutrophils in innate host defense against Staphylococcus aureus infections. <i>Seminars in Immunopathology</i> , 2012 , 34, 237-59	12	247
168	Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 Klebsiella pneumoniae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4988-93	11.5	230
167	Vancomycin Resistance in ?. <i>Yale Journal of Biology and Medicine</i> , 2017 , 90, 269-281	2.4	223
166	Transmission of Yersinia pestis from an infectious biofilm in the flea vector. <i>Journal of Infectious Diseases</i> , 2004 , 190, 783-92	7	216
165	Selective chemical inhibition of agr quorum sensing in Staphylococcus aureus promotes host defense with minimal impact on resistance. <i>PLoS Pathogens</i> , 2014 , 10, e1004174	7.6	207
164	Modulation of phagocyte apoptosis by bacterial pathogens. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004 , 9, 399-413	5.4	206
163	Global changes in gene expression by human polymorphonuclear leukocytes during receptor-mediated phagocytosis: cell fate is regulated at the level of gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6901-6	11.5	201
162	Panton-Valentine leukocidin is not a virulence determinant in murine models of community-associated methicillin-resistant Staphylococcus aureus disease. <i>Journal of Infectious Diseases</i> , 2008 , 198, 1166-70	7	200
161	Comparative analysis of USA300 virulence determinants in a rabbit model of skin and soft tissue infection. <i>Journal of Infectious Diseases</i> , 2011 , 204, 937-41	7	191
160	Molecular genetic anatomy of inter- and intraserotype variation in the human bacterial pathogen group A Streptococcus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7059-64	11.5	177
159	Pathogenesis of Staphylococcus aureus abscesses. <i>American Journal of Pathology</i> , 2015 , 185, 1518-27	5.8	163
158	Key role of poly-β-DL-glutamic acid in immune evasion and virulence of Staphylococcus epidermidis. <i>Journal of Clinical Investigation</i> , 2005 , 115, 688-694	15.9	161

157	Host defense and pathogenesis in Staphylococcus aureus infections. <i>Infectious Disease Clinics of North America</i> , 2009 , 23, 17-34	6.5	160
156	Identification of a novel Staphylococcus aureus two-component leukotoxin using cell surface proteomics. <i>PLoS ONE</i> , 2010 , 5, e11634	3.7	159
155	Global changes in Staphylococcus aureus gene expression in human blood. <i>PLoS ONE</i> , 2011 , 6, e18617	3.7	158
154	Progress toward characterization of the group A Streptococcus metagenome: complete genome sequence of a macrolide-resistant serotype M6 strain. <i>Journal of Infectious Diseases</i> , 2004 , 190, 727-38	7	151
153	Mobile genetic element-encoded cytolysin connects virulence to methicillin resistance in MRSA. <i>PLoS Pathogens</i> , 2009 , 5, e1000533	7.6	147
152	Staphylococcus epidermidis strategies to avoid killing by human neutrophils. <i>PLoS Pathogens</i> , 2010 , 6, e1001133	7.6	143
151	Gene expression profiling provides insight into the pathophysiology of chronic granulomatous disease. <i>Journal of Immunology</i> , 2004 , 172, 636-43	5.3	143
150	The SaeR/S gene regulatory system is essential for innate immune evasion by Staphylococcus aureus. <i>Journal of Infectious Diseases</i> , 2009 , 199, 1698-706	7	142
149	Identification of a highly transmissible animal-independent Staphylococcus aureus ST398 clone with distinct genomic and cell adhesion properties. <i>MBio</i> , 2012 , 3,	7.8	142
148	In vitro serial passage of Staphylococcus aureus: changes in physiology, virulence factor production, and agr nucleotide sequence. <i>Journal of Bacteriology</i> , 2002 , 184, 1430-7	3.5	142
147	Epidemic Klebsiella pneumoniae ST258 is a hybrid strain. <i>MBio</i> , 2014 , 5, e01355-14	7.8	141
146	Evasion of human innate and acquired immunity by a bacterial homolog of CD11b that inhibits opsonophagocytosis. <i>Nature Medicine</i> , 2001 , 7, 1298-305	50.5	141
145	Role of neutrophils in innate immunity: a systems biology-level approach. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2009 , 1, 309-333	6.6	140
144	Contribution of Panton-Valentine leukocidin in community-associated methicillin-resistant Staphylococcus aureus pathogenesis. <i>PLoS ONE</i> , 2008 , 3, e3198	3.7	138
143	The expanding role of NADPH oxidases in health and disease: no longer just agents of death and destruction. <i>Clinical Science</i> , 2006 , 111, 1-20	6.5	135
142	Comparative analysis of virulence and toxin expression of global community-associated methicillin-resistant Staphylococcus aureus strains. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1866-76	7	134
141	Processing and maturation of flavocytochrome b558 include incorporation of heme as a prerequisite for heterodimer assembly. <i>Journal of Biological Chemistry</i> , 2000 , 275, 13986-93	5.4	130
140	Genome-wide protective response used by group A Streptococcus to evade destruction by human polymorphonuclear leukocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1996-2001	11.5	129

139	Global analysis of community-associated methicillin-resistant <i>Staphylococcus aureus</i> exoproteins reveals molecules produced in vitro and during infection. <i>Cellular Microbiology</i> , 2007 , 9, 1172-90	3.9	127
138	Mapping sites of interaction of p47-phox and flavocytochrome b with random-sequence peptide phage display libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 7110-4	11.5	127
137	Phagocytosis of <i>Staphylococcus aureus</i> by human neutrophils prevents macrophage efferocytosis and induces programmed necrosis. <i>Journal of Immunology</i> , 2014 , 192, 4709-17	5.3	126
136	Staphylococcal alpha-phenol soluble modulins contribute to neutrophil lysis after phagocytosis. <i>Cellular Microbiology</i> , 2013 , 15, 1427-37	3.9	126
135	Evolution of community- and healthcare-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Infection, Genetics and Evolution</i> , 2014 , 21, 563-74	4.5	123
134	Molecular differentiation of historic phage-type 80/81 and contemporary epidemic <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18091-6	11.5	123
133	Spontaneous neutrophil apoptosis and regulation of cell survival by granulocyte macrophage-colony stimulating factor. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 1408-18	6.5	122
132	Rapid neutrophil destruction following phagocytosis of <i>Staphylococcus aureus</i> . <i>Journal of Innate Immunity</i> , 2010 , 2, 560-75	6.9	120
131	Role of NF-kappaB in transcriptional regulation of the phagocyte NADPH oxidase by tumor necrosis factor-alpha. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 729-41	6.5	117
130	Phagocytosis of <i>Staphylococcus aureus</i> by macrophages exerts cytoprotective effects manifested by the upregulation of antiapoptotic factors. <i>PLoS ONE</i> , 2009 , 4, e5210	3.7	117
129	Insights into pathogen immune evasion mechanisms: <i>Anaplasma phagocytophilum</i> fails to induce an apoptosis differentiation program in human neutrophils. <i>Journal of Immunology</i> , 2005 , 174, 6364-72	5.3	116
128	Genome-wide molecular dissection of serotype M3 group A <i>Streptococcus</i> strains causing two epidemics of invasive infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11833-8	11.5	114
127	Neutrophils in the innate immune response. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2005 , 53, 505-17	4	114
126	Neutrophil microbicides induce a pathogen survival response in community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2008 , 180, 500-9	5.3	112
125	Assembly of the human neutrophil NADPH oxidase involves binding of p67phox and flavocytochrome b to a common functional domain in p47phox. <i>Journal of Biological Chemistry</i> , 1996 , 271, 17013-20	5.4	103
124	Regulation of the neutrophil-mediated inflammatory response to infection. <i>Microbes and Infection</i> , 2003 , 5, 1337-44	9.3	101
123	Down-regulation of proinflammatory capacity during apoptosis in human polymorphonuclear leukocytes. <i>Journal of Immunology</i> , 2003 , 170, 3357-68	5.3	97
122	Genome sequence of a Lancefield group C <i>Streptococcus zooepidemicus</i> strain causing epidemic nephritis: new information about an old disease. <i>PLoS ONE</i> , 2008 , 3, e3026	3.7	94

121	Dectin-1 promotes fungicidal activity of human neutrophils. <i>European Journal of Immunology</i> , 2007 , 37, 467-78	6.1	92
120	Identification and characterization of a novel heme-associated cell surface protein made by <i>Streptococcus pyogenes</i> . <i>Infection and Immunity</i> , 2002 , 70, 4494-500	3.7	92
119	Differential distribution and expression of Panton-Valentine leucocidin among community-acquired methicillin-resistant <i>Staphylococcus aureus</i> strains. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 3373-9	9.7	90
118	Transient Association of the Nicotinamide Adenine Dinucleotide Phosphate Oxidase Subunits p47phox and p67phox With Phagosomes in Neutrophils From Patients With X-Linked Chronic Granulomatous Disease. <i>Blood</i> , 1999 , 93, 3521-3530	2.2	86
117	A domain of p47phox that interacts with human neutrophil flavocytochrome b558. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26246-51	5.4	86
116	Heme-ligating histidines in flavocytochrome b(558): identification of specific histidines in gp91(phox). <i>Journal of Biological Chemistry</i> , 2001 , 276, 31105-12	5.4	85
115	A molecular trigger for intercontinental epidemics of group A <i>Streptococcus</i> . <i>Journal of Clinical Investigation</i> , 2015 , 125, 3545-59	15.9	85
114	<i>Staphylococcus aureus</i> leukotoxin GH promotes formation of neutrophil extracellular traps. <i>Journal of Immunology</i> , 2013 , 191, 6022-9	5.3	83
113	Decreased necrotizing fasciitis capacity caused by a single nucleotide mutation that alters a multiple gene virulence axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 888-93	11.5	82
112	Toward a genome-wide systems biology analysis of host-pathogen interactions in group A <i>Streptococcus</i> . <i>American Journal of Pathology</i> , 2005 , 167, 1461-72	5.8	80
111	An antidote for <i>Staphylococcus aureus</i> pneumonia?. <i>Journal of Experimental Medicine</i> , 2008 , 205, 739-739	16.6	78
110	A chemokine-degrading extracellular protease made by group A <i>Streptococcus</i> alters pathogenesis by enhancing evasion of the innate immune response. <i>Infection and Immunity</i> , 2008 , 76, 978-85	3.7	73
109	Key role of poly-gamma-DL-glutamic acid in immune evasion and virulence of <i>Staphylococcus epidermidis</i> . <i>Journal of Clinical Investigation</i> , 2005 , 115, 688-94	15.9	72
108	Identification and characterization of HtsA, a second heme-binding protein made by <i>Streptococcus pyogenes</i> . <i>Infection and Immunity</i> , 2003 , 71, 5962-9	3.7	71
107	Central role of a bacterial two-component gene regulatory system of previously unknown function in pathogen persistence in human saliva. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 16037-42	11.5	71
106	Neutrophils and Bacterial Immune Evasion. <i>Journal of Innate Immunity</i> , 2018 , 10, 432-441	6.9	69
105	Engagement of the pathogen survival response used by group A <i>Streptococcus</i> to avert destruction by innate host defense. <i>Journal of Immunology</i> , 2004 , 173, 1194-201	5.3	69
104	Insight into the molecular basis of pathogen abundance: group A <i>Streptococcus</i> inhibitor of complement inhibits bacterial adherence and internalization into human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 7646-51	11.5	68

103	A point mutation in the agr locus rather than expression of the Panton-Valentine leukocidin caused previously reported phenotypes in Staphylococcus aureus pneumonia and gene regulation. <i>Journal of Infectious Diseases</i> , 2009 , 200, 724-34	7	67
102	Staphylococcus aureus leukotoxin GH promotes inflammation. <i>Journal of Infectious Diseases</i> , 2012 , 206, 1185-93	7	67
101	An update on community-associated MRSA virulence. <i>Current Opinion in Pharmacology</i> , 2009 , 9, 545-51	5.1	64
100	An apoptosis-differentiation program in human polymorphonuclear leukocytes facilitates resolution of inflammation. <i>Journal of Leukocyte Biology</i> , 2003 , 73, 315-22	6.5	59
99	Biosynthesis of flavocytochrome b558 . gp91(phox) is synthesized as a 65-kDa precursor (p65) in the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 1999 , 274, 4364-9	5.4	58
98	Complete nucleotide sequence analysis of plasmids in strains of Staphylococcus aureus clone USA300 reveals a high level of identity among isolates with closely related core genome sequences. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 4504-11	9.7	56
97	Community-associated methicillin-resistant Staphylococcus aureus immune evasion and virulence. <i>Journal of Molecular Medicine</i> , 2010 , 88, 109-14	5.5	56
96	Maltodextrin utilization plays a key role in the ability of group A Streptococcus to colonize the oropharynx. <i>Infection and Immunity</i> , 2006 , 74, 4605-14	3.7	53
95	Phage display epitope mapping of human neutrophil flavocytochrome b558. Identification of two juxtaposed extracellular domains. <i>Journal of Biological Chemistry</i> , 2001 , 276, 2053-61	5.4	53
94	Species-specific interaction of Streptococcus pneumoniae with human complement factor H. <i>Journal of Immunology</i> , 2008 , 181, 7138-46	5.3	52
93	ADAM17 activity during human neutrophil activation and apoptosis. <i>European Journal of Immunology</i> , 2006 , 36, 968-76	6.1	51
92	A NET Outcome. <i>Frontiers in Immunology</i> , 2012 , 3, 365	8.4	50
91	Streptococcus pyogenes and human neutrophils: a paradigm for evasion of innate host defense by bacterial pathogens. <i>Microbes and Infection</i> , 2004 , 6, 1117-23	9.3	49
90	Postgenomic analysis of four novel antigens of group a streptococcus: growth phase-dependent gene transcription and human serologic response. <i>Journal of Bacteriology</i> , 2002 , 184, 6316-24	3.5	48
89	Insight into structure-function relationship in phenol-soluble modulins using an alanine screen of the phenol-soluble modulin (PSM) β peptide. <i>FASEB Journal</i> , 2014 , 28, 153-61	0.9	47
88	Opsonophagocytosis-inhibiting mac protein of group a streptococcus: identification and characteristics of two genetic complexes. <i>Infection and Immunity</i> , 2002 , 70, 6880-90	3.7	47
87	Phagocytosis and Killing of Carbapenem-Resistant ST258 Klebsiella pneumoniae by Human Neutrophils. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1615-22	7	46
86	Phagocytosis and killing of Staphylococcus aureus by human neutrophils. <i>Journal of Innate Immunity</i> , 2014 , 6, 639-49	6.9	46

85	Maturation of human neutrophil phagosomes includes incorporation of molecular chaperones and endoplasmic reticulum quality control machinery. <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 620-34	7.6	46
84	Mouse model of <i>Staphylococcus aureus</i> skin infection. <i>Methods in Molecular Biology</i> , 2013 , 1031, 109-16	1.4	45
83	<i>Staphylococcus aureus</i> protein A promotes immune suppression. <i>MBio</i> , 2013 , 4, e00764-13	7.8	43
82	Characterization of an extracellular virulence factor made by group A <i>Streptococcus</i> with homology to the <i>Listeria monocytogenes</i> internalin family of proteins. <i>Infection and Immunity</i> , 2003 , 71, 7043-52	3.7	43
81	An antidote for <i>Staphylococcus aureus</i> pneumonia?. <i>Journal of Experimental Medicine</i> , 2008 , 205, 271-4	16.6	42
80	Integrated analysis of population genomics, transcriptomics and virulence provides novel insights into <i>Streptococcus pyogenes</i> pathogenesis. <i>Nature Genetics</i> , 2019 , 51, 548-559	36.3	42
79	Influence of Microbes on Neutrophil Life and Death. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 159	5.9	41
78	Sublytic concentrations of <i>Staphylococcus aureus</i> Panton-Valentine leukocidin alter human PMN gene expression and enhance bactericidal capacity. <i>Journal of Leukocyte Biology</i> , 2012 , 92, 361-74	6.5	41
77	Virulence of endemic nonpigmented northern Australian <i>Staphylococcus aureus</i> clone (clonal complex 75, <i>S. argenteus</i>) is not augmented by staphyloxanthin. <i>Journal of Infectious Diseases</i> , 2013 , 208, 520-7	7	41
76	FcepsilonRI- and Fcgamma receptor-mediated production of reactive oxygen species by mast cells is lipoxygenase- and cyclooxygenase-dependent and NADPH oxidase-independent. <i>Journal of Immunology</i> , 2007 , 179, 7059-71	5.3	41
75	Lack of a major role of <i>Staphylococcus aureus</i> Panton-Valentine leukocidin in lower respiratory tract infection in nonhuman primates. <i>American Journal of Pathology</i> , 2010 , 176, 1346-54	5.8	40
74	Evasion of Neutrophil Killing by <i>Staphylococcus aureus</i> . <i>Pathogens</i> , 2016 , 5,	4.5	40
73	The role of neutrophils in the immune system: an overview. <i>Methods in Molecular Biology</i> , 2014 , 1124, 3-10	1.4	36
72	Contribution of Secreted NADase and Streptolysin O to the Pathogenesis of Epidemic Serotype M1 <i>Streptococcus pyogenes</i> Infections. <i>American Journal of Pathology</i> , 2017 , 187, 605-613	5.8	32
71	<i>Francisella tularensis</i> alters human neutrophil gene expression: insights into the molecular basis of delayed neutrophil apoptosis. <i>Journal of Innate Immunity</i> , 2013 , 5, 124-36	6.9	30
70	Presence of genes encoding panton-valentine leukocidin is not the primary determinant of outcome in patients with hospital-acquired pneumonia due to <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2012 , 50, 848-56	9.7	30
69	Relative contribution of Panton-Valentine leukocidin to PMN plasma membrane permeability and lysis caused by USA300 and USA400 culture supernatants. <i>Microbes and Infection</i> , 2010 , 12, 446-56	9.3	30
68	Contribution of <i>Staphylococcus aureus</i> Coagulases and Clumping Factor A to Abscess Formation in a Rabbit Model of Skin and Soft Tissue Infection. <i>PLoS ONE</i> , 2016 , 11, e0158293	3.7	30

67	How methicillin-resistant <i>Staphylococcus aureus</i> evade neutrophil killing. <i>Current Opinion in Hematology</i> , 2015 , 22, 30-5	3.3	29
66	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> skin infections: advances toward identifying the key virulence factors. <i>Current Opinion in Infectious Diseases</i> , 2008 , 21, 147-52	5.4	29
65	Antibody-Mediated Killing of Carbapenem-Resistant ST258 by Human Neutrophils. <i>MBio</i> , 2018 , 9,	7.8	25
64	Neutrophil isolation from nonhuman species. <i>Methods in Molecular Biology</i> , 2014 , 1124, 19-37	1.4	25
63	Interactome analysis of longitudinal pharyngeal infection of cynomolgus macaques by group A <i>Streptococcus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4693-8	11.5	24
62	Host-microbe interaction systems biology: lifecycle transcriptomics and comparative genomics. <i>Future Microbiology</i> , 2010 , 5, 205-19	2.9	24
61	Survival of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Sequence Type 258 in Human Blood. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	23
60	Multiplex PCR for identification of two capsular types in epidemic KPC-producing <i>Klebsiella pneumoniae</i> sequence type 258 strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4196-9	5.9	22
59	Toward an understanding of the evolution of <i>Staphylococcus aureus</i> strain USA300 during colonization in community households. <i>Genome Biology and Evolution</i> , 2012 , 4, 1275-85	3.9	22
58	Interaction of human neutrophil flavocytochrome b with cytosolic proteins: transferred-NOESY NMR studies of a gp91phox C-terminal peptide bound to p47phox. <i>Biochemical Journal</i> , 1997 , 325 (Pt 1), 249-57	3.8	22
57	Neutrophil methods and protocols. Preface. <i>Methods in Molecular Biology</i> , 2007 , 412, vii-viii	1.4	21
56	Characterization of peptide diffusion into electropermeabilized neutrophils. <i>Journal of Immunological Methods</i> , 1996 , 198, 35-49	2.5	21
55	Seasonal H3N2 influenza A virus fails to enhance <i>Staphylococcus aureus</i> co-infection in a non-human primate respiratory tract infection model. <i>Virulence</i> , 2013 , 4, 707-15	4.7	20
54	<i>Staphylococcus aureus</i> survival in human blood. <i>Virulence</i> , 2011 , 2, 567-9	4.7	20
53	NET Confusion. <i>Frontiers in Immunology</i> , 2016 , 7, 259	8.4	19
52	Insights into the <i>Staphylococcus aureus</i> -host interface: global changes in host and pathogen gene expression in a rabbit skin infection model. <i>PLoS ONE</i> , 2015 , 10, e0117713	3.7	18
51	Variants of the 5'-untranslated region of human NCF2: expression and translational efficiency. <i>Gene</i> , 2006 , 366, 169-79	3.8	18
50	Host-pathogen interactions: leukocyte phagocytosis and associated sequelae. <i>Cytotechnology</i> , 2002 , 24, 79-90		18

49	Genomic analysis of the emergence of vancomycin-resistant <i>Staphylococcus aureus</i> . <i>MBio</i> , 2012 , 3,	7.8	17
48	capsule polysaccharide as a target for therapeutics and vaccines. <i>Computational and Structural Biotechnology Journal</i> , 2019 , 17, 1360-1366	6.8	17
47	Neutrophils in innate immunity and systems biology-level approaches. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020 , 12, e1458	6.6	16
46	Interferon- γ enhances both the anti-bacterial and the pro-inflammatory response of human mast cells to <i>Staphylococcus aureus</i> . <i>Immunology</i> , 2015 , 146, 470-85	7.8	16
45	Identification of Outer Membrane and Exoproteins of Carbapenem-Resistant Multilocus Sequence Type 258 <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2015 , 10, e0123219	3.7	16
44	The Role of Neutrophils in the Immune System: An Overview. <i>Methods in Molecular Biology</i> , 2020 , 2087, 3-10	1.4	16
43	Relapsing fever spirochaetes produce a serine protease that provides resistance to oxidative stress and killing by neutrophils. <i>Molecular Microbiology</i> , 2006 , 60, 710-22	4.1	14
42	Genome Sequence of a <i>Klebsiella pneumoniae</i> Sequence Type 258 Isolate with Prophage-Encoded <i>K. pneumoniae</i> Carbapenemase. <i>Genome Announcements</i> , 2015 , 3,		13
41	New Pathogenesis Mechanisms and Translational Leads Identified by Multidimensional Analysis of Necrotizing Myositis in Primates. <i>MBio</i> , 2020 , 11,	7.8	13
40	A MRSA-terious enemy among us: boosting MRSA vaccines. <i>Nature Medicine</i> , 2011 , 17, 168-9	50.5	13
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