

Frank R Deleo

List of Publications by Year in Descending Order

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

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	Toward Optimization of a Rabbit Model of Staphylococcus aureus (USA300) Skin and Soft Tissue Infection.. <i>Microbiology Spectrum</i> , 2022 , e0271621	8.9	0
191	Innate Host Defense against Klebsiella pneumoniae and the Outlook for Development of Immunotherapies. <i>Journal of Innate Immunity</i> , 2021 , 1-15	6.9	0
190	Further Insight into the Mechanism of Human PMN Lysis following Phagocytosis of Staphylococcus aureus. <i>Microbiology Spectrum</i> , 2021 , 9, e0088821	8.9	0
189	, Antibiotic Resistance, and the Interaction with Human Neutrophils. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 452-470	8.4	4
188	Bacteriophage Treatment Rescues Mice Infected with Multidrug-Resistant Klebsiella pneumoniae ST258. <i>MBio</i> , 2021 , 12,	7.8	12
187	Neutrophils in innate immunity and systems biology-level approaches. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020 , 12, e1458	6.6	16
186	New Pathogenesis Mechanisms and Translational Leads Identified by Multidimensional Analysis of Necrotizing Myositis in Primates. <i>MBio</i> , 2020 , 11,	7.8	13
185	Genetic heterogeneity of the Spy1336/R28-Spy1337 virulence axis in Streptococcus pyogenes and effect on gene transcript levels and pathogenesis. <i>PLoS ONE</i> , 2020 , 15, e0229064	3.7	7
184	Streptococcus pyogenes genes that promote pharyngitis in primates. <i>JCI Insight</i> , 2020 , 5,	9.9	3
183	Phagocytosis and neutrophil extracellular traps. <i>Faculty Reviews</i> , 2020 , 9, 25	1.2	7
182	Genome-Scale Transcript Analyses of Human Neutrophils. <i>Methods in Molecular Biology</i> , 2020 , 2087, 277-298	1.4	16
181	The Role of Neutrophils in the Immune System: An Overview. <i>Methods in Molecular Biology</i> , 2020 , 2087, 3-10	1.4	16
180	Isolation of Neutrophils from Nonhuman Species. <i>Methods in Molecular Biology</i> , 2020 , 2087, 43-59	1.4	2
179	Mouse Model of Staphylococcus aureus Skin Infection. <i>Methods in Molecular Biology</i> , 2019 , 1960, 139-147.	1.4	3
178	Integrated analysis of population genomics, transcriptomics and virulence provides novel insights into Streptococcus pyogenes pathogenesis. <i>Nature Genetics</i> , 2019 , 51, 548-559	36.3	42
177	Vaccine Protection against Multidrug-Resistant Klebsiella pneumoniae in a Nonhuman Primate Model of Severe Lower Respiratory Tract Infection. <i>MBio</i> , 2019 , 10,	7.8	8
176	capsule polysaccharide as a target for therapeutics and vaccines. <i>Computational and Structural Biotechnology Journal</i> , 2019 , 17, 1360-1366	6.8	17

175	Host-pathogen interactions 2019 , 61-82		
174	Differential Ability of Pandemic and Seasonal H1N1 Influenza A Viruses To Alter the Function of Human Neutrophils. <i>MSphere</i> , 2018 , 3,	5	9
173	Antibody-Mediated Killing of Carbapenem-Resistant ST258 by Human Neutrophils. <i>MBio</i> , 2018 , 9,	7.8	25
172	Phagocytes 2018 , 1-25		
171	Host Response to Staphylococcus aureus Quorum Sensing Is NO. <i>Cell Host and Microbe</i> , 2018 , 23, 578-580,	3.4	1
170	Neutrophils and Bacterial Immune Evasion. <i>Journal of Innate Immunity</i> , 2018 , 10, 432-441	6.9	69
169	Survival of Carbapenem-Resistant Klebsiella pneumoniae Sequence Type 258 in Human Blood. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	23
168	Contribution of Secreted NADase and Streptolysin O to the Pathogenesis of Epidemic Serotype M1 Streptococcus pyogenes Infections. <i>American Journal of Pathology</i> , 2017 , 187, 605-613	5.8	32
167	Influence of Microbes on Neutrophil Life and Death. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 159	5.9	41
166	Vancomycin Resistance in ?. <i>Yale Journal of Biology and Medicine</i> , 2017 , 90, 269-281	2.4	223
165	Phagocytosis and Killing of Carbapenem-Resistant ST258 Klebsiella pneumoniae by Human Neutrophils. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1615-22	7	46
164	NET Confusion. <i>Frontiers in Immunology</i> , 2016 , 7, 259	8.4	19
163	Evasion of Neutrophil Killing by Staphylococcus aureus. <i>Pathogens</i> , 2016 , 5,	4.5	40
162	Contribution of Staphylococcus aureus 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
161	Interaction of Staphylococci with Human B cells. <i>PLoS ONE</i> , 2016 , 11, e0164410	3.7	7
160	Genomic Landscape of Intrahost Variation in Group A Streptococcus: Repeated and Abundant Mutational Inactivation of the fabT Gene Encoding a Regulator of Fatty Acid Synthesis. <i>Infection and Immunity</i> , 2016 , 84, 3268-3281	3.7	13
159	Genome Sequence of a Klebsiella pneumoniae Sequence Type 258 Isolate with Prophage-Encoded K1pneumoniae Carbapenemase. <i>Genome Announcements</i> , 2015 , 3,		13
158	Pathogenesis of Staphylococcus aureus abscesses. <i>American Journal of Pathology</i> , 2015 , 185, 1518-27	5.8	163

157	How methicillin-resistant <i>Staphylococcus aureus</i> evade neutrophil killing. <i>Current Opinion in Hematology</i> , 2015 , 22, 30-5	3.3	29
156	Pathogenesis of <i>Staphylococcus aureus</i> in Humans 2015 , 711-748		2
155	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
154	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
153	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
152	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
151	Granulocytic Phagocytes 2015 , 78-92.e6		2
150	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
149	Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 <i>Klebsiella pneumoniae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4988-93	11.5	230
148	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
147	Epidemic <i>Klebsiella pneumoniae</i> ST258 is a hybrid strain. <i>MBio</i> , 2014 , 5, e01355-14	7.8	141
146	Carbapenemase-producing <i>Klebsiella pneumoniae</i> : molecular and genetic decoding. <i>Trends in Microbiology</i> , 2014 , 22, 686-96	12.4	281
145	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
144	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
143	Selective chemical inhibition of agr quorum sensing in <i>Staphylococcus aureus</i> promotes host defense with minimal impact on resistance. <i>PLoS Pathogens</i> , 2014 , 10, e1004174	7.6	207
142	Phagocytosis and killing of <i>Staphylococcus aureus</i> by human neutrophils. <i>Journal of Innate Immunity</i> , 2014 , 6, 639-49	6.9	46
141	The role of neutrophils in the immune system: an overview. <i>Methods in Molecular Biology</i> , 2014 , 1124, 3-10	1.4	36
140	Genome-scale transcript analyses with human neutrophils. <i>Methods in Molecular Biology</i> , 2014 , 1124, 437-50	1.4	1

139	Neutrophil isolation from nonhuman species. <i>Methods in Molecular Biology</i> , 2014 , 1124, 19-37	1.4	25
138	<i>Staphylococcus aureus</i> leukotoxin GH promotes formation of neutrophil extracellular traps. <i>Journal of Immunology</i> , 2013 , 191, 6022-9	5.3	83
137	Staphylococcal alpha-phenol soluble modulins contribute to neutrophil lysis after phagocytosis. <i>Cellular Microbiology</i> , 2013 , 15, 1427-37	3.9	126
136	HostPathogen Interactions 2013 , 1106-1118		
135	<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
134	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
133	<i>Staphylococcus aureus</i> protein A promotes immune suppression. <i>MBio</i> , 2013 , 4, e00764-13	7.8	43
132	Mouse model of <i>Staphylococcus aureus</i> skin infection. <i>Methods in Molecular Biology</i> , 2013 , 1031, 109-16	1.4	45
131	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
130	A NET Outcome. <i>Frontiers in Immunology</i> , 2012 , 3, 365	8.4	50
129	Inflammation in 3D. <i>Cell Host and Microbe</i> , 2012 , 11, 557-9	23.4	
128	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
127	Neutrophils in innate host defense against <i>Staphylococcus aureus</i> infections. <i>Seminars in Immunopathology</i> , 2012 , 34, 237-59	12	247
126	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
125	Flexicate molecules as a potential new class of antibiotics. <i>Future Microbiology</i> , 2012 , 7, 445-8	2.9	
124	Identification of a highly transmissible animal-independent <i>Staphylococcus aureus</i> ST398 clone with distinct genomic and cell adhesion properties. <i>MBio</i> , 2012 , 3,	7.8	142
123	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> and athletes. <i>Physician and Sportsmedicine</i> , 2012 , 40, 13-21	2.4	5
122	Innate immunity against <i>Granulibacter betsedensis</i> , an emerging gram-negative bacterial pathogen. <i>Infection and Immunity</i> , 2012 , 80, 975-81	3.7	13

121	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
120	<i>Staphylococcus aureus</i> leukotoxin GH promotes inflammation. <i>Journal of Infectious Diseases</i> , 2012 , 206, 1185-93	7	67
119	Genomic analysis of the emergence of vancomycin-resistant <i>Staphylococcus aureus</i> . <i>MBio</i> , 2012 , 3,	7.8	17
118	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
117	A MRSA-terious enemy among us: boosting MRSA vaccines. <i>Nature Medicine</i> , 2011 , 17, 168-9	50.5	13
116	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
115	<i>Staphylococcus aureus</i> survival in human blood. <i>Virulence</i> , 2011 , 2, 567-9	4.7	20
114	Reply to Kernodle. <i>Journal of Infectious Diseases</i> , 2011 , 203, 1693-1694	7	1
113	Global changes in <i>Staphylococcus aureus</i> gene expression in human blood. <i>PLoS ONE</i> , 2011 , 6, e18617	3.7	158
112	Identification of a novel <i>Staphylococcus aureus</i> two-component leukotoxin using cell surface proteomics. <i>PLoS ONE</i> , 2010 , 5, e11634	3.7	159
111	Axis of coinfection evil. <i>Journal of Infectious Diseases</i> , 2010 , 201, 488-90	7	13
110	Comparative analysis of virulence and toxin expression of global community-associated methicillin-resistant <i>Staphylococcus aureus</i> strains. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1866-76	7	134
109	Polymorphonuclear leukocytes mediate <i>Staphylococcus aureus</i> 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
108	Complete nucleotide sequence analysis of plasmids in strains of <i>Staphylococcus aureus</i> 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
107	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
106	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
105	<i>Staphylococcus epidermidis</i> strategies to avoid killing by human neutrophils. <i>PLoS Pathogens</i> , 2010 , 6, e1001133	7.6	143
104	Memorial: Gary Michael Bokoch, 1954-2010. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 535-6	6.5	

103	Rapid neutrophil destruction following phagocytosis of <i>Staphylococcus aureus</i> . <i>Journal of Innate Immunity</i> , 2010 , 2, 560-75	6.9	120
102	Host-microbe interaction systems biology: lifecycle transcriptomics and comparative genomics. <i>Future Microbiology</i> , 2010 , 5, 205-19	2.9	24
101	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Lancet, The</i> , 2010 , 375, 1557-68	40	943
100	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> [Authors' reply]. <i>Lancet, The</i> , 2010 , 376, 767	40	7
99	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
98	Autosomal dominant and sporadic monocytopenia with susceptibility to mycobacteria, fungi, papillomaviruses, and myelodysplasia. <i>Blood</i> , 2010 , 115, 1519-29	2.2	251
97	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
96	Mobile genetic elements of <i>Staphylococcus aureus</i> . <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3057-71	10.3	284
95	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> immune evasion and virulence. <i>Journal of Molecular Medicine</i> , 2010 , 88, 109-14	5.5	56
94	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
93	Neutrophils in the Resolution of Infection 2010 , 305-310		
92	Reemergence of antibiotic-resistant <i>Staphylococcus aureus</i> in the genomics era. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2464-74	15.9	331
91	The SaeR/S gene regulatory system is essential for innate immune evasion by <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2009 , 199, 1698-706	7	142
90	A point mutation in the agr locus rather than expression of the Panton-Valentine leukocidin caused previously reported phenotypes in <i>Staphylococcus aureus</i> pneumonia and gene regulation. <i>Journal of Infectious Diseases</i> , 2009 , 200, 724-34	7	67
89	Mobile genetic element-encoded cytolysin connects virulence to methicillin resistance in MRSA. <i>PLoS Pathogens</i> , 2009 , 5, e1000533	7.6	147
88	Evolution of virulence in epidemic community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5883-8	11.5	312
87	Epidemiology and Virulence of Community-Associated MRSA. <i>Clinical Microbiology Newsletter</i> , 2009 , 31, 153-160	1.1	11
86	Neutrophil apoptosis and the resolution of infection. <i>Immunologic Research</i> , 2009 , 43, 25-61	4.3	267

85	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
84	Waves of resistance: <i>Staphylococcus aureus</i> in the antibiotic era. <i>Nature Reviews Microbiology</i> , 2009 , 7, 629-41	22.2	1590
83	An update on community-associated MRSA virulence. <i>Current Opinion in Pharmacology</i> , 2009 , 9, 545-51	5.1	64
82	Host defense and pathogenesis in <i>Staphylococcus aureus</i> infections. <i>Infectious Disease Clinics of North America</i> , 2009 , 23, 17-34	6.5	160
81	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
80	Epidemic community-associated methicillin-resistant <i>Staphylococcus aureus</i> : 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
79	Panton-Valentine leukocidin is not a virulence determinant in murine models of community-associated methicillin-resistant <i>Staphylococcus aureus</i> disease. <i>Journal of Infectious Diseases</i> , 2008 , 198, 1166-70	7	200
78	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
77	An antidote for <i>Staphylococcus aureus</i> pneumonia?. <i>Journal of Experimental Medicine</i> , 2008 , 205, 739-739	6.6	78
76	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
75	Species-specific interaction of <i>Streptococcus pneumoniae</i> with human complement factor H. <i>Journal of Immunology</i> , 2008 , 181, 7138-46	5.3	52
74	The arginine catabolic mobile element and staphylococcal chromosomal cassette mec linkage: convergence of virulence and resistance in the USA300 clone of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2008 , 197, 1523-30	7	327
73	An antidote for <i>Staphylococcus aureus</i> pneumonia?. <i>Journal of Experimental Medicine</i> , 2008 , 205, 271-4	16.6	42
72	PI3K and NADPH oxidase: a class act. <i>Blood</i> , 2008 , 112, 4788-9	2.2	9
71	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
70	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
69	Contribution of Panton-Valentine leukocidin in community-associated methicillin-resistant <i>Staphylococcus aureus</i> pathogenesis. <i>PLoS ONE</i> , 2008 , 3, e3198	3.7	138
68	Analysis of <i>Staphylococcus aureus</i> gene expression during PMN phagocytosis. <i>Methods in Molecular Biology</i> , 2008 , 431, 109-22	1.4	7

67	Dectin-1 promotes fungicidal activity of human neutrophils. <i>European Journal of Immunology</i> , 2007 , 37, 467-78	6.1	92
66	Poring over pores: alpha-hemolysin and Panton-Valentine leukocidin in <i>Staphylococcus aureus</i> pneumonia. <i>Nature Medicine</i> , 2007 , 13, 1405-6	50.5	389
65	Identification of novel cytolytic peptides as key virulence determinants for community-associated MRSA. <i>Nature Medicine</i> , 2007 , 13, 1510-4	50.5	768
64	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
63	STAT3 mutations in the hyper-IgE syndrome. <i>New England Journal of Medicine</i> , 2007 , 357, 1608-19	59.2	930
62	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
61	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
60	Attractive shedding. <i>Blood</i> , 2007 , 110, 1711-2	2.2	12
59	Neutrophil methods and protocols. Preface. <i>Methods in Molecular Biology</i> , 2007 , 412, vii-viii	1.4	21
58	Genome-scale transcript analyses in human neutrophils. <i>Methods in Molecular Biology</i> , 2007 , 412, 441-53	1.4	5
57	ADAM17 activity during human neutrophil activation and apoptosis. <i>European Journal of Immunology</i> , 2006 , 36, 968-76	6.1	51
56	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
55	Is Panton-Valentine leukocidin the major virulence determinant in community-associated methicillin-resistant <i>Staphylococcus aureus</i> disease?. <i>Journal of Infectious Diseases</i> , 2006 , 194, 1761-70	7	492
54	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
53	Maltodextrin utilization plays a key role in the ability of group A <i>Streptococcus</i> to colonize the oropharynx. <i>Infection and Immunity</i> , 2006 , 74, 4605-14	3.7	53
52	Molecular genetic anatomy of inter- and intraserotype variation in the human bacterial pathogen group A <i>Streptococcus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7059-64	11.5	177
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	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

49	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
48	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
47	Differential distribution and expression of Panton-Valentine leucocidin among community-acquired methicillin-resistant Staphylococcus aureus strains. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 3373-9	9.7	90
46	Toward a genome-wide systems biology analysis of host-pathogen interactions in group A Streptococcus. <i>American Journal of Pathology</i> , 2005 , 167, 1461-72	5.8	80
45	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
44	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
43	Insights into pathogen immune evasion mechanisms: Anaplasma phagocytophilum fails to induce an apoptosis differentiation program in human neutrophils. <i>Journal of Immunology</i> , 2005 , 174, 6364-72	5.3	116
42	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
41	Key role of poly- δ -L-glutamic acid in immune evasion and virulence of Staphylococcus epidermidis. <i>Journal of Clinical Investigation</i> , 2005 , 115, 688-694	15.9	161
40	Key role of poly- γ -DL-glutamic acid in immune evasion and virulence of Staphylococcus epidermidis. <i>Journal of Clinical Investigation</i> , 2005 , 115, 688-94	15.9	72
39	Neutrophils in the innate immune response. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2005 , 53, 505-17	4	114
38	Transmission of Yersinia pestis from an infectious biofilm in the flea vector. <i>Journal of Infectious Diseases</i> , 2004 , 190, 783-92	7	216
37	Genome-wide molecular dissection of serotype M3 group A Streptococcus 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
36	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
35	Engagement of the pathogen survival response used by group A Streptococcus to avert destruction by innate host defense. <i>Journal of Immunology</i> , 2004 , 173, 1194-201	5.3	69
34	Modulation of phagocyte apoptosis by bacterial pathogens. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004 , 9, 399-413	5.4	206
33	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
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