

Michael Otto

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3459537/michael-otto-publications-by-year.pdf>

Version: 2024-04-25

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.

268
papers

26,990
citations

88
h-index

159
g-index

280
ext. papers

31,504
ext. citations

9.1
avg, IF

7.73
L-index

#	Paper	IF	Citations
268	Investigational agents for the treatment of methicillin-resistant (MRSA) bacteremia: progress in clinical trials.. <i>Expert Opinion on Investigational Drugs</i> , 2022 , 1-17	5.9	0
267	Commensal <i>Staphylococcus epidermidis</i> contributes to skin barrier homeostasis by generating protective ceramides.. <i>Cell Host and Microbe</i> , 2022 ,	23.4	10
266	Essential role of membrane vesicles for biological activity of the bacteriocin micrococcin P1.. <i>Journal of Extracellular Vesicles</i> , 2022 , 11, e12212	16.4	0
265	Key role of quorum-sensing mutations in the development of <i>Staphylococcus aureus</i> clinical device-associated infection.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e801	5.7	1
264	Enterococcal bacteremia in mice is prevented by oral administration of probiotic spores. <i>Science Translational Medicine</i> , 2021 , 13, eabf4692	17.5	4
263	Further Insight into the Mechanism of Human PMN Lysis following Phagocytosis of <i>Staphylococcus aureus</i> . <i>Microbiology Spectrum</i> , 2021 , 9, e0088821	8.9	0
262	Floating Biofilm Formation and Phenotype in Synovial Fluid Depends on Albumin, Fibrinogen, and Hyaluronic Acid. <i>Frontiers in Microbiology</i> , 2021 , 12, 655873	5.7	1
261	Functional Characterization of the Toxin-Antitoxin System in the Pathogenic Bacterium. <i>Microorganisms</i> , 2021 , 9,	4.9	1
260	Interaction between <i>Staphylococcus Agr</i> virulence and neutrophils regulates pathogen expansion in the skin. <i>Cell Host and Microbe</i> , 2021 , 29, 930-940.e4	23.4	3
259	Contribution of Staphylococcal Enterotoxin B to <i>Staphylococcus aureus</i> Systemic Infection. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1766-1775	7	4
258	Bacterial virulence plays a crucial role in MRSA sepsis. <i>PLoS Pathogens</i> , 2021 , 17, e1009369	7.6	7
257	Characterization and immunomodulatory activity of sulfated galactan from the red seaweed <i>Gracilaria fisheri</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 189, 705-714	7.9	1
256	Pathogenicity and virulence of. <i>Virulence</i> , 2021 , 12, 547-569	4.7	81
255	A Small Membrane Stabilizing Protein Critical to the Pathogenicity of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2020 , 88,	3.7	3
254	Skin microbiota analysis-inspired development of novel anti-infectives. <i>Microbiome</i> , 2020 , 8, 85	16.6	17
253	Involvement of caspase-1 in inflammasomes activation and bacterial clearance in <i>S. aureus</i> -infected osteoblast-like MG-63 cells. <i>Cellular Microbiology</i> , 2020 , 22, e13204	3.9	6
252	Alternative approaches to treat bacterial infections: targeting quorum-sensing. <i>Expert Review of Anti-Infective Therapy</i> , 2020 , 18, 499-510	5.5	20

251	Agr virulence is critical for epidermal colonization and associates with atopic dermatitis development. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	21
250	Intestinal microbiota: The hidden gems in the gut?. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2020 , 38, 215-224	5.4	1
249	Staphylococcus epidermidis Contributes to Healthy Maturation of the Nasal Microbiome by Stimulating Antimicrobial Peptide Production. <i>Cell Host and Microbe</i> , 2020 , 27, 68-78.e5	23.4	43
248	Structural insight into the ATP-driven exporter of virulent peptide toxins. <i>Science Advances</i> , 2020 , 6,	14.3	2
247	The staphylococcal exopolysaccharide PIA - Biosynthesis and role in biofilm formation, colonization, and infection. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 3324-3334	6.8	29
246	Using large-scale augmented floor surfaces for industrial applications and evaluation on perceived sizes. <i>Personal and Ubiquitous Computing</i> , 2020 , 1	2.1	1
245	Probiotics to prevent disease?. <i>Gut Microbes</i> , 2020 , 11, 94-101	8.8	9
244	Staphylococci in the human microbiome: the role of host and interbacterial interactions. <i>Current Opinion in Microbiology</i> , 2020 , 53, 71-77	7.9	16
243	Corynebacterium pseudodiphtheriticum Exploits Staphylococcus aureus Virulence Components in a Novel Polymicrobial Defense Strategy. <i>MBio</i> , 2019 , 10,	7.8	39
242	Fighting Staphylococcus aureus Biofilms with Monoclonal Antibodies. <i>Trends in Microbiology</i> , 2019 , 27, 303-322	12.4	37
241	Staphylococcus aureus induces DNA damage in host cell. <i>Scientific Reports</i> , 2019 , 9, 7694	4.9	12
240	Role of Phenol-Soluble Modulins in Staphylococcus epidermidis Biofilm Formation and Infection of Indwelling Medical Devices. <i>Journal of Molecular Biology</i> , 2019 , 431, 3015-3027	6.5	25
239	Resistance to leukocytes ties benefits of quorum sensing dysfunctionality to biofilm infection. <i>Nature Microbiology</i> , 2019 , 4, 1114-1119	26.6	35
238	Staphylococcal Biofilms 2019 , 699-711		10
237	Composition of the intestinal microbiota in extended-spectrum β -lactamase-producing Enterobacteriaceae carriers and non-carriers in Thailand. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 435-441	14.3	12
236	A commensal strain of protects against skin neoplasia. <i>Science Advances</i> , 2018 , 4, eaao4502	14.3	106
235	Colonization of medical devices by staphylococci. <i>Environmental Microbiology</i> , 2018 , 20, 3141-3153	5.2	40
234	Methicillin-resistant causes sustained collecting lymphatic vessel dysfunction. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	28

233	Antimicrobial Peptide Resistance Mechanism Contributes to Staphylococcus aureus Infection. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1153-1159	7	18
232	Staphylococcus aureus produces pain through pore-forming toxins and neuronal TRPV1 that is silenced by QX-314. <i>Nature Communications</i> , 2018 , 9, 37	17.4	67
231	Do amyloid structures formed by Staphylococcus aureus phenol-soluble modulins have a biological function?. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 675-682	3.7	33
230	Immune Evasion Mechanisms of Biofilm Infection. <i>Frontiers in Microbiology</i> , 2018 , 9, 359	5.7	60
229	Basis of Virulence in Enterotoxin-Mediated Staphylococcal Food Poisoning. <i>Frontiers in Microbiology</i> , 2018 , 9, 436	5.7	94
228	Detection and analysis of methicillin-resistant human-adapted sequence type 398 allows insight into community-associated methicillin-resistant Staphylococcus aureus evolution. <i>Genome Medicine</i> , 2018 , 10, 5	14.4	23
227	Staphylococcal Biofilms. <i>Microbiology Spectrum</i> , 2018 , 6,	8.9	103
226	The Mechanism behind Bacterial Lipoprotein Release: Phenol-Soluble Modulins Mediate Toll-Like Receptor 2 Activation via Extracellular Vesicle Release from Staphylococcus aureus. <i>MBio</i> , 2018 , 9,	7.8	38
225	Pathogen elimination by probiotic Bacillus via signalling interference. <i>Nature</i> , 2018 , 562, 532-537	50.4	226
224	Different drugs for bad bugs: antivirulence strategies in the age of antibiotic resistance. <i>Nature Reviews Drug Discovery</i> , 2017 , 16, 457-471	64.1	358
223	Toxin Mediates Sepsis Caused by Methicillin-Resistant Staphylococcus epidermidis. <i>PLoS Pathogens</i> , 2017 , 13, e1006153	7.6	33
222	Next-generation sequencing to monitor the spread of antimicrobial resistance. <i>Genome Medicine</i> , 2017 , 9, 68	14.4	12
221	Non-classical Protein Excretion Is Boosted by PSM-Induced Cell Leakage. <i>Cell Reports</i> , 2017 , 20, 1278-1286	6.6	40
220	Lipoyl-E2-PDH Gets a Second Job. <i>Cell Host and Microbe</i> , 2017 , 22, 581-583	23.4	
219	Staphylococcus aureus Virulent PSM-Peptides Induce Keratinocyte Alarmin Release to Orchestrate IL-17-Dependent Skin Inflammation. <i>Cell Host and Microbe</i> , 2017 , 22, 667-677.e5	23.4	112
218	Biofilm on bone repair devices 2017 , 141-158		
217	Host Response to Colonization and Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 90	5.9	58
216	Phenol-Soluble Modulin Toxins of. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 206	5.9	22

215	Toll-like receptor 2 activation depends on lipopeptide shedding by bacterial surfactants. <i>Nature Communications</i> , 2016 , 7, 12304	17.4	62
214	Mechanism of Gene Regulation by a Staphylococcus aureus Toxin. <i>MBio</i> , 2016 , 7,	7.8	20
213	Identification and treatment of the Staphylococcus aureus reservoir in vivo. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1141-51	16.6	115
212	Increased in vitro phenol-soluble modulins production is associated with soft tissue infection source in clinical isolates of methicillin-susceptible Staphylococcus aureus. <i>Journal of Infection</i> , 2016 , 72, 302-8	18.9	10
211	Key Role of α -Toxin in Fatal Pneumonia Caused by Staphylococcus aureus Sequence Type 398. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 217-20	10.2	14
210	Export of Staphylococcal Toxins by a Conserved ABC Transporter 2016 , 53-64		
209	Activator of G-Protein Signaling 3-Induced Lysosomal Biogenesis Limits Macrophage Intracellular Bacterial Infection. <i>Journal of Immunology</i> , 2016 , 196, 846-56	5.3	22
208	Investigational drugs to treat methicillin-resistant Staphylococcus aureus. <i>Expert Opinion on Investigational Drugs</i> , 2016 , 25, 73-93	5.9	48
207	Serum Lipoproteins Are Critical for Pulmonary Innate Defense against Staphylococcus aureus Quorum Sensing. <i>Journal of Immunology</i> , 2016 , 196, 328-35	5.3	13
206	Toxin-mediated gene regulatory mechanism in. <i>Microbial Cell</i> , 2016 , 4, 29-31	3.9	4
205	Increased Community-Associated Infections Caused by Panton-Valentine Leukocidin-Negative MRSA, Shanghai, 2005-2014. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1988-1991	10.2	11
204	PSM-Mec-A Virulence Determinant that Connects Transcriptional Regulation, Virulence, and Antibiotic Resistance in Staphylococci. <i>Frontiers in Microbiology</i> , 2016 , 7, 1293	5.7	29
203	Interaction of Staphylococci with Human B cells. <i>PLoS ONE</i> , 2016 , 11, e0164410	3.7	7
202	Role of the ESAT-6 secretion system in virulence of the emerging community-associated Staphylococcus aureus lineage ST398. <i>Scientific Reports</i> , 2016 , 6, 25163	4.9	36
201	Virulence determinants associated with the Asian community-associated methicillin-resistant Staphylococcus aureus lineage ST59. <i>Scientific Reports</i> , 2016 , 6, 27899	4.9	29
200	Using Marker-less Motion Capture Systems for Walk Path Analysis in Paced Assembly Flow Lines. <i>Procedia CIRP</i> , 2016 , 54, 152-157	1.8	19
199	On the Use of Multi-Depth-Camera Based Motion Tracking Systems in Production Planning Environments. <i>Procedia CIRP</i> , 2016 , 41, 759-764	1.8	23
198	Measuring Motion Capture Data Quality for Data Driven Human Motion Synthesis. <i>Procedia CIRP</i> , 2016 , 41, 945-950	1.8	13

197	Dual Reality for Production Verification Workshops: A Comprehensive Set of Virtual Methods. <i>Procedia CIRP</i> , 2016 , 44, 38-43	1.8	17
196	Staphylococcus aureus Phenol-Soluble Modulins Impair Interleukin Expression in Bovine Mammary Epithelial Cells. <i>Infection and Immunity</i> , 2016 , 84, 1682-1692	3.7	15
195	Bacterial strategies of resistance to antimicrobial peptides. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	165
194	Host Defense Peptides and Their Advancements in Translational Staphylococcus aureus Research 2016 , 301-321		
193	Presenting a Novel Motion Capture-based Approach for Walk Path Segmentation and Drift Analysis in Manual Assembly. <i>Procedia CIRP</i> , 2016 , 52, 286-291	1.8	11
192	Bacterial Abscess Formation Is Controlled by the Stringent Stress Response and Can Be Targeted Therapeutically. <i>EBioMedicine</i> , 2016 , 12, 219-226	8.8	47
191	Investigational therapies targeting quorum-sensing for the treatment of Staphylococcus aureus infections. <i>Expert Opinion on Investigational Drugs</i> , 2015 , 24, 689-704	5.9	60
190	Mechanisms of resistance to antimicrobial peptides in staphylococci. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 3055-61	3.8	70
189	Neutrophil recruitment to lymph nodes limits local humoral response to Staphylococcus aureus. <i>PLoS Pathogens</i> , 2015 , 11, e1004827	7.6	74
188	Clinical MRSA isolates from skin and soft tissue infections show increased in vitro production of phenol soluble modulins. <i>Journal of Infection</i> , 2015 , 71, 447-57	18.9	20
187	Targeting surface protein SasX by active and passive vaccination to reduce Staphylococcus aureus colonization and infection. <i>Infection and Immunity</i> , 2015 , 83, 2168-74	3.7	18
186	Staphylococcal adaptation to diverse physiologic niches: an overview of transcriptomic and phenotypic changes in different biological environments. <i>Future Microbiology</i> , 2015 , 10, 1981-95	2.9	39
185	A Wave of Regulatory T Cells into Neonatal Skin Mediates Tolerance to Commensal Microbes. <i>Immunity</i> , 2015 , 43, 1011-21	32.3	306
184	Microbiology: Diverted on the way to memory. <i>Nature</i> , 2015 , 517, 28-9	50.4	1
183	Effect of biofilms on recalcitrance of staphylococcal joint infection to antibiotic treatment. <i>Journal of Infectious Diseases</i> , 2015 , 211, 641-50	7	101
182	Basis of virulence in a Panton-Valentine leukocidin-negative community-associated methicillin-resistant Staphylococcus aureus strain. <i>Journal of Infectious Diseases</i> , 2015 , 211, 472-80	7	23
181	AraC-Type Regulator Rsp Adapts Staphylococcus aureus Gene Expression to Acute Infection. <i>Infection and Immunity</i> , 2015 , 84, 723-34	3.7	15
180	Functional characteristics of the Staphylococcus aureus β -toxin allelic variant G10S. <i>Scientific Reports</i> , 2015 , 5, 18023	4.9	6

179	Quorum-sensing regulation in staphylococci-an overview. <i>Frontiers in Microbiology</i> , 2015 , 6, 1174	5.7	215
178	Phenol-soluble modulins induces G2/M phase transition delay in eukaryotic HeLa cells. <i>FASEB Journal</i> , 2015 , 29, 1950-9	0.9	18
177	Role of Phenol-Soluble Modulins in Formation of Staphylococcus aureus Biofilms in Synovial Fluid. <i>Infection and Immunity</i> , 2015 , 83, 2966-75	3.7	53
176	Reply to Perez and Patel. <i>Journal of Infectious Diseases</i> , 2015 , 212, 336-7	7	1
175	Staphylococcal persistence due to biofilm formation in synovial fluid containing prophylactic cefazolin. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2122-8	5.9	40
174	Phenol-soluble modulins. <i>International Journal of Medical Microbiology</i> , 2014 , 304, 164-9	3.7	85
173	Insight into structure-function relationship in phenol-soluble modulins using an alanine screen of the phenol-soluble modulins (PSM) δ peptide. <i>FASEB Journal</i> , 2014 , 28, 153-61	0.9	47
172	Phenol-soluble modulins--critical determinants of staphylococcal virulence. <i>FEMS Microbiology Reviews</i> , 2014 , 38, 698-719	15.1	194
171	Staphylococcus aureus toxins. <i>Current Opinion in Microbiology</i> , 2014 , 17, 32-7	7.9	346
170	Innate immunity. A Spaetzle-like role for nerve growth factor β in vertebrate immunity to Staphylococcus aureus. <i>Science</i> , 2014 , 346, 641-646	33.3	55
169	Physical stress and bacterial colonization. <i>FEMS Microbiology Reviews</i> , 2014 , 38, 1250-70	15.1	60
168	Oxacillin alters the toxin expression profile of community-associated methicillin-resistant Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1100-7	5.9	42
167	The psm locus regulates production of Staphylococcus aureus alpha-toxin during infection. <i>Infection and Immunity</i> , 2014 , 82, 3350-8	3.7	35
166	Evolution of community- and healthcare-associated methicillin-resistant Staphylococcus aureus. <i>Infection, Genetics and Evolution</i> , 2014 , 21, 563-74	4.5	123
165	Molecular determinants of staphylococcal biofilm dispersal and structuring. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 167	5.9	74
164	Characterization of the staphylococcal cassette chromosome composite island of Staphylococcus haemolyticus SH32, a methicillin-resistant clinical isolate from China. <i>PLoS ONE</i> , 2014 , 9, e87346	3.7	7
163	Staphylococcus aureus: the Superbug 2014 , 297-309		
162	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

161	Production of an attenuated phenol-soluble modulin variant unique to the MRSA clonal complex 30 increases severity of bloodstream infection. <i>PLoS Pathogens</i> , 2014 , 10, e1004298	7.6	39
160	Using Scalable, Interactive Floor Projection for Production Planning Scenario 2014 ,		6
159	Combination prophylactic therapy with rifampin increases efficacy against an experimental <i>Staphylococcus epidermidis</i> subcutaneous implant-related infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2377-86	5.9	17
158	Cytoplasmic replication of <i>Staphylococcus aureus</i> upon phagosomal escape triggered by phenol-soluble modulin \square <i>Cellular Microbiology</i> , 2014 , 16, 451-65	3.9	112
157	Genome-wide analysis of the regulatory function mediated by the small regulatory psm-mec RNA of methicillin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Medical Microbiology</i> , 2014 , 304, 637-44	3.7	12
156	Whole genome analysis of a community-associated methicillin-resistant <i>Staphylococcus aureus</i> ST59 isolate from a case of human sepsis and severe pneumonia in China. <i>PLoS ONE</i> , 2014 , 9, e89235	3.7	15
155	<i>Staphylococcus epidermidis</i> pathogenesis. <i>Methods in Molecular Biology</i> , 2014 , 1106, 17-31	1.4	56
154	The isolation and analysis of phenol-soluble modulins of <i>Staphylococcus epidermidis</i> . <i>Methods in Molecular Biology</i> , 2014 , 1106, 93-100	1.4	25
153	Biofilms in Disease. <i>Springer Series on Biofilms</i> , 2014 , 3-13		1
152	The agr function and polymorphism: impact on <i>Staphylococcus aureus</i> susceptibility to photoinactivation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 129, 100-7	6.7	14
151	<i>Staphylococcus</i> \square toxin induces allergic skin disease by activating mast cells. <i>Nature</i> , 2013 , 503, 397-401	50.4	332
150	Phenol-soluble modulins and staphylococcal infection. <i>Nature Reviews Microbiology</i> , 2013 , 11, 667-73	22.2	237
149	How colonization factors are linked to outbreaks of methicillin-resistant <i>Staphylococcus aureus</i> : the roles of SasX and ACME. <i>Biomolecular Concepts</i> , 2013 , 4, 533-7	3.7	8
148	Staphylococcal infections: mechanisms of biofilm maturation and detachment as critical determinants of pathogenicity. <i>Annual Review of Medicine</i> , 2013 , 64, 175-88	17.4	380
147	Coagulase-negative staphylococci as reservoirs of genes facilitating MRSA infection: Staphylococcal commensal species such as <i>Staphylococcus epidermidis</i> are being recognized as important sources of genes promoting MRSA colonization and virulence. <i>BioEssays</i> , 2013 , 35, 4-11	4.1	137
146	Staphylococcal alpha-phenol soluble modulins contribute to neutrophil lysis after phagocytosis. <i>Cellular Microbiology</i> , 2013 , 15, 1427-37	3.9	126
145	Essential <i>Staphylococcus aureus</i> toxin export system. <i>Nature Medicine</i> , 2013 , 19, 364-7	50.5	106
144	<i>Staphylococcus aureus</i> phenol-soluble modulin peptides modulate dendritic cell functions and increase in vitro priming of regulatory T cells. <i>Journal of Immunology</i> , 2013 , 190, 3417-26	5.3	51

143	Community-associated MRSA: what makes them special?. <i>International Journal of Medical Microbiology</i> , 2013 , 303, 324-30	3.7	184
142	Nox2 modification of LDL is essential for optimal apolipoprotein B-mediated control of agr type III <i>Staphylococcus aureus</i> quorum-sensing. <i>PLoS Pathogens</i> , 2013 , 9, e1003166	7.6	38
141	Blocking the spread of resistance. <i>Science Translational Medicine</i> , 2013 , 5, 184fs17	17.5	3
140	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
139	Improved understanding of factors driving methicillin-resistant <i>Staphylococcus aureus</i> epidemic waves. <i>Clinical Epidemiology</i> , 2013 , 5, 205-17	5.9	75
138	Transcriptional events during the recovery from MRSA lung infection: a mouse pneumonia model. <i>PLoS ONE</i> , 2013 , 8, e70176	3.7	8
137	Complete genome sequence of a Pant β -Valentine leukocidin-negative community-associated methicillin-resistant <i>Staphylococcus aureus</i> strain of sequence type 72 from Korea. <i>PLoS ONE</i> , 2013 , 8, e72803	3.7	20
136	Linezolid Exerts Greater Bacterial Clearance but No Modification of Host Lung Gene Expression Profiling: A Mouse MRSA Pneumonia Model. <i>PLoS ONE</i> , 2013 , 8, e67994	3.7	5
135	MRSA virulence and spread. <i>Cellular Microbiology</i> , 2012 , 14, 1513-21	3.9	194
134	sarA negatively regulates <i>Staphylococcus epidermidis</i> biofilm formation by modulating expression of 1 MDa extracellular matrix binding protein and autolysis-dependent release of eDNA. <i>Molecular Microbiology</i> , 2012 , 86, 394-410	4.1	39
133	<i>Staphylococcus epidermidis</i> pan-genome sequence analysis reveals diversity of skin commensal and hospital infection-associated isolates. <i>Genome Biology</i> , 2012 , 13, R64	18.3	128
132	Methicillin-resistant <i>Staphylococcus aureus</i> infection is associated with increased mortality. <i>Future Microbiology</i> , 2012 , 7, 189-91	2.9	18
131	Molecular basis of in vivo biofilm formation by bacterial pathogens. <i>Chemistry and Biology</i> , 2012 , 19, 1503-13		252
130	Direct and synergistic hemolysis caused by <i>Staphylococcus</i> phenol-soluble modulins: implications for diagnosis and pathogenesis. <i>Microbes and Infection</i> , 2012 , 14, 380-6	9.3	77
129	The potential use of toxin antibodies as a strategy for controlling acute <i>Staphylococcus aureus</i> infections. <i>Expert Opinion on Therapeutic Targets</i> , 2012 , 16, 601-12	6.4	40
128	The virulence regulator Agr controls the staphylococcal capacity to activate human neutrophils via the formyl peptide receptor 2. <i>Journal of Innate Immunity</i> , 2012 , 4, 201-12	6.9	28
127	A neonatal model of intravenous <i>Staphylococcus epidermidis</i> infection in mice. <i>PLoS ONE</i> , 2012 , 7, e43897	3.7	28
126	Interaction of phenol-soluble modulins with phosphatidylcholine vesicles. <i>Pathogens</i> , 2012 , 1, 3-11	4.5	14

125	MRSA epidemic linked to a quickly spreading colonization and virulence determinant. <i>Nature Medicine</i> , 2012 , 18, 816-9	50.5	193
124	How <i>Staphylococcus aureus</i> biofilms develop their characteristic structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1281-6	11.5	400
123	Molecular basis of <i>Staphylococcus epidermidis</i> infections. <i>Seminars in Immunopathology</i> , 2012 , 34, 201-142	14.2	171
122	Phenol-soluble modulins in staphylococci: What are they originally for?. <i>Communicative and Integrative Biology</i> , 2012 , 5, 275-7	1.7	41
121	Molecular insight into how MRSA is becoming increasingly dangerous. <i>Virulence</i> , 2012 , 3, 521-3	4.7	10
120	<i>Enterococcus faecium</i> stimulates human neutrophils via the formyl-peptide receptor 2. <i>PLoS ONE</i> , 2012 , 7, e39910	3.7	15
119	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
118	The eukaryotic-type serine/threonine protein kinase Stk is required for biofilm formation and virulence in <i>Staphylococcus epidermidis</i> . <i>PLoS ONE</i> , 2011 , 6, e25380	3.7	29
117	Distribution and regulation of the mobile genetic element-encoded phenol-soluble modulin PSM-mec in methicillin-resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2011 , 6, e28781	3.7	55
116	A MRSA-terious enemy among us: end of the PVL controversy?. <i>Nature Medicine</i> , 2011 , 17, 169-70	50.5	40
115	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
114	<i>Staphylococcus epidermidis</i> wie ein Hautkeim zum Problem wird. <i>BioSpektrum</i> , 2011 , 17, 739-741	0.1	
113	Antimicrobial activity of community-associated methicillin-resistant <i>Staphylococcus aureus</i> is caused by phenol-soluble modulin derivatives. <i>Journal of Biological Chemistry</i> , 2011 , 286, 8933-40	5.4	105
112	Neutrophil responses to staphylococcal pathogens and commensals via the formyl peptide receptor 2 relates to phenol-soluble modulin release and virulence. <i>FASEB Journal</i> , 2011 , 25, 1254-63	0.9	73
111	ygs is a novel gene that influences biofilm formation and the general stress response of <i>Staphylococcus epidermidis</i> . <i>Infection and Immunity</i> , 2011 , 79, 1007-15	3.7	16
110	Role of the accessory gene regulator agr in community-associated methicillin-resistant <i>Staphylococcus aureus</i> pathogenesis. <i>Infection and Immunity</i> , 2011 , 79, 1927-35	3.7	207
109	Defining the strain-dependent impact of the Staphylococcal accessory regulator (sarA) on the alpha-toxin phenotype of <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 2948-58	3.5	70
108	Molecular characterization of an early invasive <i>Staphylococcus epidermidis</i> prosthetic joint infection. <i>Microbial Drug Resistance</i> , 2011 , 17, 345-50	2.9	5

107	Panton-Valentine leukocidin antibodies for the treatment of MRSA skin infections?. <i>Expert Review of Anti-Infective Therapy</i> , 2011 , 9, 389-92	5.5	3
106	Staphylococcus epidermidis surfactant peptides promote biofilm maturation and dissemination of biofilm-associated infection in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 238-48	15.9	203
105	Global changes in Staphylococcus aureus gene expression in human blood. <i>PLoS ONE</i> , 2011 , 6, e18617	3.7	158
104	Role of spx in biofilm formation of Staphylococcus epidermidis. <i>FEMS Immunology and Medical Microbiology</i> , 2010 , 59, 152-60		24
103	Selective antimicrobial action is provided by phenol-soluble modulins derived from Staphylococcus epidermidis, a normal resident of the skin. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 192-200	4.3	266
102	TLR2 mediates recognition of live Staphylococcus epidermidis and clearance of bacteremia. <i>PLoS ONE</i> , 2010 , 5, e10111	3.7	54
101	Glycosylation of wall teichoic acid in Staphylococcus aureus by TarM. <i>Journal of Biological Chemistry</i> , 2010 , 285, 13405-15	5.4	104
100	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
99	Subinhibitory concentrations of protein synthesis-inhibiting antibiotics promote increased expression of the agr virulence regulator and production of phenol-soluble modulins in community-associated methicillin-resistant Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4942-4	5.9	39
98	Reply to Vandenesch et al. <i>Journal of Infectious Diseases</i> , 2010 , 201, 969-970	7	4
97	Staphylococcus epidermidis strategies to avoid killing by human neutrophils. <i>PLoS Pathogens</i> , 2010 , 6, e1001133	7.6	143
96	Staphylococcus colonization of the skin and antimicrobial peptides. <i>Expert Review of Dermatology</i> , 2010 , 5, 183-195		146
95	Staphylococcus aureus toxin gene hitchhikes on a transferable antibiotic resistance element. <i>Virulence</i> , 2010 , 1, 49-51	4.7	16
94	Novel targeted immunotherapy approaches for staphylococcal infection. <i>Expert Opinion on Biological Therapy</i> , 2010 , 10, 1049-59	5.4	60
93	Human formyl peptide receptor 2 senses highly pathogenic Staphylococcus aureus. <i>Cell Host and Microbe</i> , 2010 , 7, 463-73	23.4	201
92	Community-associated methicillin-resistant Staphylococcus aureus. <i>Lancet, The</i> , 2010 , 375, 1557-68	40	943
91	Community-associated methicillin-resistant Staphylococcus aureus [Authors' reply]. <i>Lancet, The</i> , 2010 , 376, 767	40	7
90	Silver coordination polymers for prevention of implant infection: thiol interaction, impact on respiratory chain enzymes, and hydroxyl radical induction. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4208-18	5.9	302

89	Looking toward basic science for potential drug discovery targets against community-associated MRSA. <i>Medicinal Research Reviews</i> , 2010 , 30, 1-22	14.4	31
88	Understanding the significance of <i>Staphylococcus epidermidis</i> bacteremia in babies and children. <i>Current Opinion in Infectious Diseases</i> , 2010 , 23, 208-16	5.4	73
87	Basis of virulence in community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Annual Review of Microbiology</i> , 2010 , 64, 143-62	17.5	346
86	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
85	Molecular Biology of Staphylococcal Pathogenesis 2010 , 95-99		
84	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
83	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
82	Mobile genetic element-encoded cytolysin connects virulence to methicillin resistance in MRSA. <i>PLoS Pathogens</i> , 2009 , 5, e1000533	7.6	147
81	<i>Staphylococcus aureus</i> mutant screen reveals interaction of the human antimicrobial peptide dermcidin with membrane phospholipids. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4200-10	5.9	58
80	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
79	Furanone at subinhibitory concentrations enhances staphylococcal biofilm formation by luxS repression. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4159-66	5.9	73
78	<i>Staphylococcus epidermidis</i> --the 'accidental' pathogen. <i>Nature Reviews Microbiology</i> , 2009 , 7, 555-67	22.2	1028
77	Bacterial sensing of antimicrobial peptides. <i>Contributions To Microbiology</i> , 2009 , 16, 136-149		69
76	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
75	<i>Staphylococcus aureus</i> Panton-Valentine leukocidin contributes to inflammation and muscle tissue injury. <i>PLoS ONE</i> , 2009 , 4, e6387	3.7	76
74	Genetic diversity of arginine catabolic mobile element in <i>Staphylococcus epidermidis</i> . <i>PLoS ONE</i> , 2009 , 4, e7722	3.7	84
73	AI-2-dependent gene regulation in <i>Staphylococcus epidermidis</i> . <i>BMC Microbiology</i> , 2008 , 8, 4	4.5	46
72	Staphylococcal biofilms. <i>Current Topics in Microbiology and Immunology</i> , 2008 , 322, 207-28	3.3	632

71	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
70	RNAIII-independent target gene control by the agr quorum-sensing system: insight into the evolution of virulence regulation in <i>Staphylococcus aureus</i> . <i>Molecular Cell</i> , 2008 , 32, 150-8	17.6	383
69	The role of virulence determinants in community-associated MRSA pathogenesis. <i>Trends in Microbiology</i> , 2008 , 16, 361-9	12.4	246
68	Apolipoprotein B Is an innate barrier against invasive <i>Staphylococcus aureus</i> infection. <i>Cell Host and Microbe</i> , 2008 , 4, 555-66	23.4	112
67	Targeted immunotherapy for staphylococcal infections : focus on anti-MSCRAMM antibodies. <i>BioDrugs</i> , 2008 , 22, 27-36	7.9	41
66	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
65	Development of real-time in vivo imaging of device-related <i>Staphylococcus epidermidis</i> infection in mice and influence of animal immune status on susceptibility to infection. <i>Journal of Infectious Diseases</i> , 2008 , 198, 258-61	7	41
64	SarZ is a key regulator of biofilm formation and virulence in <i>Staphylococcus epidermidis</i> . <i>Journal of Infectious Diseases</i> , 2008 , 197, 1254-62	7	41
63	An antidote for <i>Staphylococcus aureus</i> pneumonia?. <i>Journal of Experimental Medicine</i> , 2008 , 205, 739-739	16.6	78
62	Genome-wide analysis of ruminant <i>Staphylococcus aureus</i> reveals diversification of the core genome. <i>Journal of Bacteriology</i> , 2008 , 190, 6302-17	3.5	53
61	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
60	Pathogenomic analysis of the common bovine <i>Staphylococcus aureus</i> clone (ET3): emergence of a virulent subtype with potential risk to public health. <i>Journal of Infectious Diseases</i> , 2008 , 197, 205-13	7	41
59	An antidote for <i>Staphylococcus aureus</i> pneumonia?. <i>Journal of Experimental Medicine</i> , 2008 , 205, 271-4	16.6	42
58	The biofilm exopolysaccharide polysaccharide intercellular adhesin--a molecular and biochemical approach. <i>Methods in Molecular Biology</i> , 2008 , 431, 97-106	1.4	7
57	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
56	Antibiotic multiresistance strictly associated with IS256 and ica genes in <i>Staphylococcus epidermidis</i> strains from implant orthopedic infections. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 83, 813-8	5.4	21
55	Antibodies to block Staph virulence. <i>Chemistry and Biology</i> , 2007 , 14, 1093-4		6
54	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

53	Identification of novel cytolytic peptides as key virulence determinants for community-associated MRSA. <i>Nature Medicine</i> , 2007 , 13, 1510-4	50.5	768
52	The human anionic antimicrobial peptide dermcidin induces proteolytic defence mechanisms in staphylococci. <i>Molecular Microbiology</i> , 2007 , 63, 497-506	4.1	107
51	The antimicrobial peptide-sensing system aps of <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2007 , 66, 1136-47	4.1	230
50	Persistent strains of coagulase-negative staphylococci in a neonatal intensive care unit: virulence factors and invasiveness. <i>Clinical Microbiology and Infection</i> , 2007 , 13, 1100-11	9.5	86
49	Role of ClpP in biofilm formation and virulence of <i>Staphylococcus epidermidis</i> . <i>Microbes and Infection</i> , 2007 , 9, 1376-83	9.3	67
48	Reply to Kernodle and to Schwartzman et al.. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1727-1728	7	2
47	<i>Staphylococcus aureus</i> biofilm metabolism and the influence of arginine on polysaccharide intercellular adhesin synthesis, biofilm formation, and pathogenesis. <i>Infection and Immunity</i> , 2007 , 75, 4219-26	3.7	90
46	Gram-positive three-component antimicrobial peptide-sensing system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9469-74	11.5	221
45	Characterization of the <i>Staphylococcus epidermidis</i> accessory-gene regulator response: quorum-sensing regulation of resistance to human innate host defense. <i>Journal of Infectious Diseases</i> , 2006 , 193, 841-8	7	64
44	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
43	Role of the luxS quorum-sensing system in biofilm formation and virulence of <i>Staphylococcus epidermidis</i> . <i>Infection and Immunity</i> , 2006 , 74, 488-96	3.7	185
42	Bacterial evasion of antimicrobial peptides by biofilm formation. <i>Current Topics in Microbiology and Immunology</i> , 2006 , 306, 251-8	3.3	105
41	<i>Staphylococcus</i> quorum sensing in biofilm formation and infection. <i>International Journal of Medical Microbiology</i> , 2006 , 296, 133-9	3.7	263
40	Neutrophil chemotaxis by pathogen-associated molecular patterns--formylated peptides are crucial but not the sole neutrophil attractants produced by <i>Staphylococcus aureus</i> . <i>Cellular Microbiology</i> , 2006 , 8, 207-17	3.9	40
39	Bacterial insertion sequence IS256 as a potential molecular marker to discriminate invasive strains from commensal strains of <i>Staphylococcus epidermidis</i> . <i>Journal of Hospital Infection</i> , 2005 , 61, 342-8	6.9	75
38	Molecular genetics of <i>Staphylococcus epidermidis</i> biofilms on indwelling medical devices. <i>International Journal of Artificial Organs</i> , 2005 , 28, 1069-78	1.9	48
37	<i>Staphylococcus epidermidis</i> polysaccharide intercellular adhesin production significantly increases during tricarboxylic acid cycle stress. <i>Journal of Bacteriology</i> , 2005 , 187, 2967-73	3.5	89
36	Factors characterizing <i>Staphylococcus epidermidis</i> invasiveness determined by comparative genomics. <i>Infection and Immunity</i> , 2005 , 73, 1856-60	3.7	76

35	Genomewide analysis of gene expression in <i>Staphylococcus epidermidis</i> biofilms: insights into the pathophysiology of <i>S. epidermidis</i> biofilms and the role of phenol-soluble modulins in formation of biofilms. <i>Journal of Infectious Diseases</i> , 2005 , 191, 289-98	7	218
34	Conversion of <i>Staphylococcus epidermidis</i> strains from commensal to invasive by expression of the <i>ica</i> locus encoding production of biofilm exopolysaccharide. <i>Infection and Immunity</i> , 2005 , 73, 3188-91	3.7	76
33	Key role of poly- ϵ -L-glutamic acid in immune evasion and virulence of <i>Staphylococcus epidermidis</i> . <i>Journal of Clinical Investigation</i> , 2005 , 115, 688-694	15.9	161
32	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
31	Virulence factors of the coagulase-negative staphylococci. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 841-63	2.8	134
30	Increased colonization of indwelling medical devices by quorum-sensing mutants of <i>Staphylococcus epidermidis</i> in vivo. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1498-505	7	180
29	Activity of <i>Staphylococcus epidermidis</i> phenol-soluble modulins expressed in <i>Staphylococcus carnosus</i> . <i>Journal of Infectious Diseases</i> , 2004 , 190, 748-55	7	31
28	Inactivation of a bacterial virulence pheromone by phagocyte-derived oxidants: new role for the NADPH oxidase in host defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13867-72	11.5	91
27	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
26	Regulated expression of pathogen-associated molecular pattern molecules in <i>Staphylococcus epidermidis</i> : quorum-sensing determines pro-inflammatory capacity and production of phenol-soluble modulins. <i>Cellular Microbiology</i> , 2004 , 6, 753-9	3.9	123
25	Quorum-sensing control in <i>Staphylococci</i> -- a target for antimicrobial drug therapy?. <i>FEMS Microbiology Letters</i> , 2004 , 241, 135-41	2.9	150
24	Specificity grouping of the accessory gene regulator quorum-sensing system of <i>Staphylococcus epidermidis</i> is linked to infection. <i>Archives of Microbiology</i> , 2004 , 181, 250-3	3	19
23	Polysaccharide intercellular adhesin (PIA) protects <i>Staphylococcus epidermidis</i> against major components of the human innate immune system. <i>Cellular Microbiology</i> , 2004 , 6, 269-75	3.9	478
22	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
21	Synthesis and deformylation of <i>Staphylococcus aureus</i> delta-toxin are linked to tricarboxylic acid cycle activity. <i>Journal of Bacteriology</i> , 2003 , 185, 6686-94	3.5	95
20	Control of antimicrobial peptide synthesis by the agr quorum sensing system in <i>Staphylococcus epidermidis</i> : activity of the lantibiotic epidermin is regulated at the level of precursor peptide processing. <i>Peptides</i> , 2003 , 24, 329-38	3.8	27
19	Quorum-sensing control of biofilm factors in <i>Staphylococcus epidermidis</i> . <i>Journal of Infectious Diseases</i> , 2003 , 188, 706-18	7	262
18	<i>Staphylococcus epidermidis</i> infections. <i>Microbes and Infection</i> , 2002 , 4, 481-9	9.3	471

17	Structure-function relationships in the tryptophan-rich, antimicrobial peptide indolicidin. <i>Journal of Peptide Science</i> , 2001 , 7, 552-64	2.1	70
16	Pheromone cross-inhibition between <i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> . <i>Infection and Immunity</i> , 2001 , 69, 1957-60	3.7	134
15	Identification of the sigB operon in <i>Staphylococcus epidermidis</i> : construction and characterization of a sigB deletion mutant. <i>Infection and Immunity</i> , 2001 , 69, 7933-6	3.7	33
14	<i>Staphylococcus aureus</i> resistance to human defensins and evasion of neutrophil killing via the novel virulence factor MprF is based on modification of membrane lipids with l-lysine. <i>Journal of Experimental Medicine</i> , 2001 , 193, 1067-76	16.6	597
13	<i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> peptide pheromones produced by the accessory gene regulator agr system. <i>Peptides</i> , 2001 , 22, 1603-8	3.8	78
12	ABC transporters of staphylococci. <i>Research in Microbiology</i> , 2001 , 152, 351-6	4	33
11	Inducible expression and cellular location of AgrB, a protein involved in the maturation of the staphylococcal quorum-sensing pheromone. <i>Archives of Microbiology</i> , 2000 , 174, 452-5	3	55
10	Analysis of quorum sensing activity in staphylococci by RP-HPLC of staphylococcal delta-toxin. <i>BioTechniques</i> , 2000 , 28, 1088, 1090, 1092, 1096	2.5	20
9	Construction and characterization of an agr deletion mutant of <i>Staphylococcus epidermidis</i> . <i>Infection and Immunity</i> , 2000 , 68, 1048-53	3.7	117
8	The D-alanine residues of <i>Staphylococcus aureus</i> teichoic acids alter the susceptibility to vancomycin and the activity of autolytic enzymes. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 2845-9	5.9	215
7	Impact of the agr quorum-sensing system on adherence to polystyrene in <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2000 , 182, 1688-93	7	375
6	Inactivation of the dlt operon in <i>Staphylococcus aureus</i> confers sensitivity to defensins, protegrins, and other antimicrobial peptides. <i>Journal of Biological Chemistry</i> , 1999 , 274, 8405-10	5.4	750
5	Inhibition of virulence factor expression in <i>Staphylococcus aureus</i> by the <i>Staphylococcus epidermidis</i> agr pheromone and derivatives. <i>FEBS Letters</i> , 1999 , 450, 257-62	3.8	136
4	Producer self-protection against the lantibiotic epidermin by the ABC transporter EpiFEG of <i>Staphylococcus epidermidis</i> TB298. <i>FEMS Microbiology Letters</i> , 1998 , 166, 203-11	2.9	70
3	Producer self-protection against the lantibiotic epidermin by the ABC transporter EpiFEG of <i>Staphylococcus epidermidis</i> TB298. <i>FEMS Microbiology Letters</i> , 1998 , 166, 203-211	2.9	46
2	Structure of the pheromone peptide of the <i>Staphylococcus epidermidis</i> agr system. <i>FEBS Letters</i> , 1998 , 424, 89-94	3.8	121
1	Antimicrobial Resistance in Biofilms: A Sticky Situation1		