# Michael Otto

List of Publications by Year
in descending order



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|---|---|---|---|
| 274 papers | 34,978 citations | 3264 94 h-index | 4622 176 g-index |
| 280 all docs | 280 docs citations | 280 times ranked | 26770 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Using large-scale augmented floor surfaces for industrial applications and evaluation on perceived sizes. Personal and Ubiquitous Computing, 2022, 26, 721-736. | 1.9 | 1 |
| 2 | Look Whoâ€™s Talking: Host and Pathogen Drivers of Staphylococcus epidermidis Virulence in Neonatal Sepsis. International Journal of Molecular Sciences, 2022, 23, 860. | 1.8 | 15 |
| 3 | Investigational agents for the treatment of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) bacteremia: progress in clinical trials. Expert Opinion on Investigational Drugs, 2022, 31, 263-279. | 1.9 | 3 |
| 4 | Commensal Staphylococcus epidermidis contributes to skin barrier homeostasis by generating protective ceramides. Cell Host and Microbe, 2022, 30, 301-313.e9. | 5.1 | 84 |
| 5 | Essential role of membrane vesicles for biological activity of the bacteriocin micrococcin P1. Journal of Extracellular Vesicles, 2022, 11, e12212. | 5.5 | 4 |
| 6 | Key role of quorumâ€sensing mutations in the development of <i>Staphylococcus aureus</i> clinical deviceâ€associated infection. Clinical and Translational Medicine, 2022, 12, e801. | 1.7 | 14 |
| 7 | Rapid pathogen-specific recruitment of immune effector cells in the skin by secreted toxins. Nature Microbiology, 2022, 7, 62-72. | 5.9 | 17 |
| 8 | Contribution of Staphylococcal Enterotoxin B to<i>Staphylococcus aureus</i>Systemic Infection. Journal of Infectious Diseases, 2021, 223, 1766-1775. | 1.9 | 24 |
| 9 | Bacterial virulence plays a crucial role in MRSA sepsis. PLoS Pathogens, 2021, 17, e1009369. | 2.1 | 21 |
| 10 | Staphylococcus aureus Floating Biofilm Formation and Phenotype in Synovial Fluid Depends on Albumin, Fibrinogen, and Hyaluronic Acid. Frontiers in Microbiology, 2021, 12, 655873. | 1.5 | 17 |
| 11 | Functional Characterization of the mazEF Toxin-Antitoxin System in the Pathogenic Bacterium Agrobacterium tumefaciens. Microorganisms, 2021, 9, 1107. | 1.6 | 3 |
| 12 | Interaction between Staphylococcus Agr virulence and neutrophils regulates pathogen expansion in the skin. Cell Host and Microbe, 2021, 29, 930-940.e4. | 5.1 | 18 |
| 13 | Characterization and immunomodulatory activity of sulfated galactan from the red seaweed Gracilaria fisheri. International Journal of Biological Macromolecules, 2021, 189, 705-714. | 3.6 | 8 |
| 14 | Pathogenicity and virulence of <i>Staphylococcus aureus</i>. Virulence, 2021, 12, 547-569. | 1.8 | 469 |
| 15 | Further Insight into the Mechanism of Human PMN Lysis following Phagocytosis of Staphylococcus aureus. Microbiology Spectrum, 2021, 9, e0088821. | 1.2 | 3 |
| 16 | Enterococcal bacteremia in mice is prevented by oral administration of probiotic <i>Bacillus</i> spores. Science Translational Medicine, 2021, 13, eabf4692. | 5.8 | 13 |
| 17 | Probiotics to prevent<i>Staphylococcus aureus</i>disease?. Gut Microbes, 2020, 11, 94-101. | 4.3 | 24 |
| 18 | Staphylococcus epidermidis Contributes to Healthy Maturation of the Nasal Microbiome by Stimulating Antimicrobial Peptide Production. Cell Host and Microbe, 2020, 27, 68-78.e5. | 5.1 | 99 |

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|---|---|---|---|
| 19 | Structural insight into the <i>Staphylococcus aureus</i> ATP-driven exporter of virulent peptide toxins. Science Advances, 2020, 6, . | 4.7 | 9 |
| 20 | The staphylococcal exopolysaccharide PIA â€“ Biosynthesis and role in biofilm formation, colonization, and infection. Computational and Structural Biotechnology Journal, 2020, 18, 3324-3334. | 1.9 | 110 |
| 21 | A Small Membrane Stabilizing Protein Critical to the Pathogenicity of Staphylococcus aureus. Infection and Immunity, 2020, 88, . | 1.0 | 9 |
| 22 | Skin microbiota analysis-inspired development of novel anti-infectives. Microbiome, 2020, 8, 85. | 4.9 | 42 |
| 23 | Involvement of caspaseâ€1 in inflammasomes activation and bacterial clearance in <scp> <i>S. aureus</i> </scp> â€infected osteoblastâ€like <scp>MG</scp> â€63 cells. Cellular Microbiology, 2020, 22, e13204. | 1.1 | 8 |
| 24 | Alternative approaches to treat bacterial infections: targeting quorum-sensing. Expert Review of Anti-Infective Therapy, 2020, 18, 499-510. | 2.0 | 47 |
| 25 | <i>Staphylococcus</i> Agr virulence is critical for epidermal colonization and associates with atopic dermatitis development. Science Translational Medicine, 2020, 12, . | 5.8 | 62 |
| 26 | Staphylococci in the human microbiome: the role of host and interbacterial interactions. Current Opinion in Microbiology, 2020, 53, 71-77. | 2.3 | 32 |
| 27 | Intestinal microbiota: The hidden gems in the gut?. Asian Pacific Journal of Allergy and Immunology, 2020, 38, 215-224. | 0.2 | 3 |
| 28 | Corynebacterium pseudodiphtheriticum Exploits Staphylococcus aureus Virulence Components in a Novel Polymicrobial Defense Strategy. MBio, 2019, 10, . | 1.8 | 69 |
| 29 | Fighting Staphylococcus aureus Biofilms with Monoclonal Antibodies. Trends in Microbiology, 2019, 27, 303-322. | 3.5 | 62 |
| 30 | Staphylococcus aureus induces DNA damage in host cell. Scientific Reports, 2019, 9, 7694. | 1.6 | 26 |
| 31 | Role of Phenol-Soluble Modulins in Staphylococcus epidermidis Biofilm Formation and Infection of Indwelling Medical Devices. Journal of Molecular Biology, 2019, 431, 3015-3027. | 2.0 | 51 |
| 32 | Resistance to leukocytes ties benefits of quorum sensing dysfunctionality to biofilm infection. Nature Microbiology, 2019, 4, 1114-1119. | 5.9 | 57 |
| 33 | Staphylococcal Biofilms. , 2019, , 699-711. | | 15 |
| 34 | Composition of the intestinal microbiota in extended-spectrum Î²-lactamase-producing Enterobacteriaceae carriers and non-carriers in Thailand. International Journal of Antimicrobial Agents, 2019, 53, 435-441. | 1.1 | 28 |
| 35 | A commensal strain of <i>Staphylococcus epidermidis</i> protects against skin neoplasia. Science Advances, 2018, 4, eaao4502. | 4.7 | 183 |
| 36 | Colonization of medical devices by staphylococci. Environmental Microbiology, 2018, 20, 3141-3153. | 1.8 | 94 |

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| 37 | Methicillin-resistant <i>Staphylococcus aureus</i> causes sustained collecting lymphatic vessel dysfunction. Science Translational Medicine, 2018, 10, . | 5.8 | 45 |
| 38 | Antimicrobial Peptide Resistance Mechanism Contributes to Staphylococcus aureus Infection. Journal of Infectious Diseases, 2018, 217, 1153-1159. | 1.9 | 34 |
| 39 | Staphylococcus aureus produces pain through pore-forming toxins and neuronal TRPV1 that is silenced by QX-314. Nature Communications, 2018, 9, 37. | 5.8 | 117 |
| 40 | Do amyloid structures formed by Staphylococcus aureus phenol-soluble modulins have a biological function?. International Journal of Medical Microbiology, 2018, 308, 675-682. | 1.5 | 52 |
| 41 | The Mechanism behind Bacterial Lipoprotein Release: Phenol-Soluble Modulins Mediate Toll-Like Receptor 2 Activation via Extracellular Vesicle Release from Staphylococcus aureus. MBio, 2018, 9, . | 1.8 | 67 |
| 42 | Pathogen elimination by probiotic Bacillus via signalling interference. Nature, 2018, 562, 532-537. | 13.7 | 389 |
| 43 | Immune Evasion Mechanisms of Staphylococcus epidermidis Biofilm Infection. Frontiers in Microbiology, 2018, 9, 359. | 1.5 | 102 |
| 44 | Basis of Virulence in Enterotoxin-Mediated Staphylococcal Food Poisoning. Frontiers in Microbiology, 2018, 9, 436. | 1.5 | 170 |
| 45 | Detection and analysis of methicillin-resistant human-adapted sequence type 398 allows insight into community-associated methicillin-resistant Staphylococcus aureus evolution. Genome Medicine, 2018, 10, 5. | 3.6 | 43 |
| 46 | Staphylococcal Biofilms. Microbiology Spectrum, 2018, 6, . | 1.2 | 216 |
| 47 | Do antimicrobial peptides and antimicrobial-peptide resistance play important roles during bacterial infection?. Future Microbiology, 2018, 13, 1073-1075. | 1.0 | 11 |
| 48 | Different drugs for bad bugs: antivirulence strategies in the age of antibiotic resistance. Nature Reviews Drug Discovery, 2017, 16, 457-471. | 21.5 | 570 |
| 49 | Non-classical Protein Excretion Is Boosted by PSMÎ±-Induced Cell Leakage. Cell Reports, 2017, 20, 1278-1286. | 2.9 | 68 |
| 50 | <i>Staphylococcus epidermidis</i>: a major player in bacterial sepsis?. Future Microbiology, 2017, 12, 1031-1033. | 1.0 | 44 |
| 51 | Lipoyl-E2-PDH Gets a Second Job. Cell Host and Microbe, 2017, 22, 581-583. | 5.1 | 0 |
| 52 | Staphylococcus aureus Virulent PSMÎ± Peptides Induce Keratinocyte Alarmin Release to Orchestrate IL-17-Dependent Skin Inflammation. Cell Host and Microbe, 2017, 22, 667-677.e5. | 5.1 | 183 |
| 53 | Biofilm on bone repair devices. , 2017, , 141-158. | | 0 |
| 54 | Host Response to Staphylococcus epidermidis Colonization and Infections. Frontiers in Cellular and Infection Microbiology, 2017, 7, 90. | 1.8 | 92 |

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|---|---|---|---|
| 55 | Phenol-Soluble Modulin Toxins of Staphylococcus haemolyticus. Frontiers in Cellular and Infection Microbiology, 2017, 7, 206. | 1.8 | 44 |
| 56 | Toxin Mediates Sepsis Caused by Methicillin-Resistant Staphylococcus epidermidis. PLoS Pathogens, 2017, 13, e1006153. | 2.1 | 49 |
| 57 | Next-generation sequencing to monitor the spread of antimicrobial resistance. Genome Medicine, 2017, 9, 68. | 3.6 | 16 |
| 58 | Toxin-mediated gene regulatory mechanism in Staphylococcus aureus. Microbial Cell, 2017, 4, 29-31. | 1.4 | 6 |
| 59 | Increased Community-Associated Infections Caused by Panton-Valentine Leukocidinâ€"Negative MRSA, Shanghai, 2005â€"2014. Emerging Infectious Diseases, 2016, 22, 1988-1991. | 2.0 | 16 |
| 60 | PSM-Mecâ€"A Virulence Determinant that Connects Transcriptional Regulation, Virulence, and Antibiotic Resistance in Staphylococci. Frontiers in Microbiology, 2016, 7, 1293. | 1.5 | 45 |
| 61 | Interaction of Staphylococci with Human B cells. PLoS ONE, 2016, 11, e0164410. | 1.1 | 7 |
| 62 | Role of the ESAT-6 secretion system in virulence of the emerging community-associated Staphylococcus aureus lineage ST398. Scientific Reports, 2016, 6, 25163. | 1.6 | 52 |
| 63 | Virulence determinants associated with the Asian community-associated methicillin-resistant Staphylococcus aureus lineage ST59. Scientific Reports, 2016, 6, 27899. | 1.6 | 45 |
| 64 | Using Marker-less Motion Capture Systems for Walk Path Analysis in Paced Assembly Flow Lines. Procedia CIRP, 2016, 54, 152-157. | 1.0 | 25 |
| 65 | On the Use of Multi-Depth-Camera Based Motion Tracking Systems in Production Planning Environments. Procedia CIRP, 2016, 41, 759-764. | 1.0 | 32 |
| 66 | Measuring Motion Capture Data Quality for Data Driven Human Motion Synthesis. Procedia CIRP, 2016, 41, 945-950. | 1.0 | 20 |
| 67 | Dual Reality for Production Verification Workshops: A Comprehensive Set of Virtual Methods. Procedia CIRP, 2016, 44, 38-43. | 1.0 | 23 |
| 68 | Staphylococcus aureus Phenol-Soluble Modulins Impair Interleukin Expression in Bovine Mammary Epithelial Cells. Infection and Immunity, 2016, 84, 1682-1692. | 1.0 | 22 |
| 69 | Bacterial strategies of resistance to antimicrobial peptides. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150292. | 1.8 | 264 |
| 70 | Host Defense Peptides and Their Advancements in Translational Staphylococcus aureus Research. , 2016, , 301-321. | | 0 |
| 71 | Presenting a Novel Motion Capture-based Approach for Walk Path Segmentation and Drift Analysis in Manual Assembly. Procedia CIRP, 2016, 52, 286-291. | 1.0 | 14 |
| 72 | Bacterial Abscess Formation Is Controlled by the Stringent Stress Response and Can Be Targeted Therapeutically. EBioMedicine, 2016, 12, 219-226. | 2.7 | 63 |

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|---|---|---|---|
| 73 | Toll-like receptor 2 activation depends on lipopeptide shedding by bacterial surfactants. Nature Communications, 2016, 7, 12304. | 5.8 | 86 |
| 74 | Mechanism of Gene Regulation by a Staphylococcus aureus Toxin. MBio, 2016, 7, . | 1.8 | 34 |
| 75 | Identification and treatment of the <i>Staphylococcus aureus</i> reservoir in vivo. Journal of Experimental Medicine, 2016, 213, 1141-1151. | 4.2 | 178 |
| 76 | Increased inÂvitro phenol-soluble modulin production is associated with soft tissue infection source in clinical isolates of methicillin-susceptible Staphylococcus aureus. Journal of Infection, 2016, 72, 302-308. | 1.7 | 13 |
| 77 | Key Role of Î±-Toxin in Fatal Pneumonia Caused byStaphylococcus aureusSequence Type 398. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 217-220. | 2.5 | 22 |
| 78 | Export of Staphylococcal Toxins by a Conserved ABC Transporter. , 2016, , 53-64. | | 0 |
| 79 | Activator of G-Protein Signaling 3â€"Induced Lysosomal Biogenesis Limits Macrophage Intracellular Bacterial Infection. Journal of Immunology, 2016, 196, 846-856. | 0.4 | 31 |
| 80 | Investigational drugs to treat methicillin-resistant<i>Staphylococcus aureus</i>. Expert Opinion on Investigational Drugs, 2016, 25, 73-93. | 1.9 | 62 |
| 81 | AraC-Type Regulator Rsp Adapts Staphylococcus aureus Gene Expression to Acute Infection. Infection and Immunity, 2016, 84, 723-734. | 1.0 | 23 |
| 82 | Serum Lipoproteins Are Critical for Pulmonary Innate Defense against <i>Staphylococcus aureus</i> Quorum Sensing. Journal of Immunology, 2016, 196, 328-335. | 0.4 | 21 |
| 83 | Functional characteristics of the Staphylococcus aureus Î´-toxin allelic variant G10S. Scientific Reports, 2015, 5, 18023. | 1.6 | 15 |
| 84 | Quorum-sensing regulation in staphylococciâ€"an overview. Frontiers in Microbiology, 2015, 6, 1174. | 1.5 | 365 |
| 85 | Phenolâ€soluble modulin<i>Î±</i>induces G2/M phase transition delay in eukaryotic HeLa cells. FASEB Journal, 2015, 29, 1950-1959. | 0.2 | 29 |
| 86 | Role of Phenol-Soluble Modulins in Formation of Staphylococcus aureus Biofilms in Synovial Fluid. Infection and Immunity, 2015, 83, 2966-2975. | 1.0 | 80 |
| 87 | Reply to Perez and Patel. Journal of Infectious Diseases, 2015, 212, 336-337. | 1.9 | 1 |
| 88 | Staphylococcal Persistence Due to Biofilm Formation in Synovial Fluid Containing Prophylactic Cefazolin. Antimicrobial Agents and Chemotherapy, 2015, 59, 2122-2128. | 1.4 | 61 |
| 89 | Investigational therapies targeting quorum-sensing for the treatment of<i>Staphylococcus aureus</i>infections. Expert Opinion on Investigational Drugs, 2015, 24, 689-704. | 1.9 | 73 |
| 90 | Mechanisms of resistance to antimicrobial peptides in staphylococci. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 3055-3061. | 1.4 | 96 |

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| 91 | Neutrophil Recruitment to Lymph Nodes Limits Local Humoral Response to Staphylococcus aureus. PLoS Pathogens, 2015, 11, e1004827. | 2.1 | 102 |
| 92 | Clinical MRSA isolates from skin and soft tissue infections show increased inÂvitro production of phenol soluble modulins. Journal of Infection, 2015, 71, 447-457. | 1.7 | 28 |
| 93 | Targeting Surface Protein SasX by Active and Passive Vaccination To Reduce Staphylococcus aureus Colonization and Infection. Infection and Immunity, 2015, 83, 2168-2174. | 1.0 | 22 |
| 94 | Staphylococcal adaptation to diverse physiologic niches: an overview of transcriptomic and phenotypic changes in different biological environments. Future Microbiology, 2015, 10, 1981-1995. | 1.0 | 51 |
| 95 | A Wave of Regulatory T Cells into Neonatal Skin Mediates Tolerance to Commensal Microbes. Immunity, 2015, 43, 1011-1021. | 6.6 | 424 |
| 96 | Diverted on the way to memory. Nature, 2015, 517, 28-29. | 13.7 | 2 |
| 97 | Effect of Biofilms on Recalcitrance of Staphylococcal Joint Infection to Antibiotic Treatment. Journal of Infectious Diseases, 2015, 211, 641-650. | 1.9 | 144 |
| 98 | Basis of Virulence in a Panton-Valentine Leukocidin-Negative Community-Associated Methicillin-Resistant<i>Staphylococcus aureus</i>Strain. Journal of Infectious Diseases, 2015, 211, 472-480. | 1.9 | 29 |
| 99 | Characterization of the Staphylococcal Cassette Chromosome Composite Island of Staphylococcus haemolyticus SH32, a Methicillin-Resistant Clinical Isolate from China. PLoS ONE, 2014, 9, e87346. | 1.1 | 10 |
| 100 | Selective Chemical Inhibition of agr Quorum Sensing in Staphylococcus aureus Promotes Host Defense with Minimal Impact on Resistance. PLoS Pathogens, 2014, 10, e1004174. | 2.1 | 285 |
| 101 | Production of an Attenuated Phenol-Soluble Modulin Variant Unique to the MRSA Clonal Complex 30 Increases Severity of Bloodstream Infection. PLoS Pathogens, 2014, 10, e1004298. | 2.1 | 51 |
| 102 | Using Scalable, Interactive Floor Projection for Production Planning Scenario. , 2014, , . | | 9 |
| 103 | Combination Prophylactic Therapy with Rifampin Increases Efficacy against an Experimental Staphylococcus epidermidis Subcutaneous Implant-Related Infection. Antimicrobial Agents and Chemotherapy, 2014, 58, 2377-2386. | 1.4 | 20 |
| 104 | Cytoplasmic replication of<i>S</i><i>taphylococcus aureus</i>upon phagosomal escape triggered by phenol-soluble modulin Î±. Cellular Microbiology, 2014, 16, 451-465. | 1.1 | 160 |
| 105 | Genome-wide analysis of the regulatory function mediated by the small regulatory psm-mec RNA of methicillin-resistant Staphylococcus aureus. International Journal of Medical Microbiology, 2014, 304, 637-644. | 1.5 | 14 |
| 106 | Phenol-soluble modulins. International Journal of Medical Microbiology, 2014, 304, 164-169. | 1.5 | 122 |
| 107 | Insight into structureâ€function relationship in phenolâ€soluble modulins using an alanine screen of the phenolâ€soluble modulin (PSM) Î±3 peptide. FASEB Journal, 2014, 28, 153-161. | 0.2 | 58 |
| 108 | Phenol-soluble modulins â€" critical determinants of staphylococcal virulence. FEMS Microbiology Reviews, 2014, 38, 698-719. | 3.9 | 295 |

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| 109 | Staphylococcus aureus toxins. Current Opinion in Microbiology, 2014, 17, 32-37. | 2.3 | 456 |
| 110 | A Spaetzle-like role for nerve growth factor Î² in vertebrate immunity to <i>Staphylococcus aureus</i>. Science, 2014, 346, 641-646. | 6.0 | 68 |
| 111 | Physical stress and bacterial colonization. FEMS Microbiology Reviews, 2014, 38, 1250-1270. | 3.9 | 80 |
| 112 | Oxacillin Alters the Toxin Expression Profile of Community-Associated Methicillin-Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2014, 58, 1100-1107. | 1.4 | 51 |
| 113 | The <i>psm</i> Î± Locus Regulates Production of Staphylococcus aureus Alpha-Toxin during Infection. Infection and Immunity, 2014, 82, 3350-3358. | 1.0 | 43 |
| 114 | Evolution of community- and healthcare-associated methicillin-resistant Staphylococcus aureus. Infection, Genetics and Evolution, 2014, 21, 563-574. | 1.0 | 150 |
| 115 | Molecular determinants of staphylococcal biofilm dispersal and structuring. Frontiers in Cellular and Infection Microbiology, 2014, 4, 167. | 1.8 | 99 |
| 116 | Staphylococcus epidermidis Pathogenesis. Methods in Molecular Biology, 2014, 1106, 17-31. | 0.4 | 85 |
| 117 | The Isolation and Analysis of Phenol-Soluble Modulins of Staphylococcus epidermidis. Methods in Molecular Biology, 2014, 1106, 93-100. | 0.4 | 38 |
| 118 | Biofilms in Disease. Springer Series on Biofilms, 2014, , 3-13. | 0.0 | 2 |
| 119 | Whole Genome Analysis of a Community-Associated Methicillin-Resistant Staphylococcus aureus ST59 Isolate from a Case of Human Sepsis and Severe Pneumonia in China. PLoS ONE, 2014, 9, e89235. | 1.1 | 19 |
| 120 | The agr function and polymorphism: Impact on Staphylococcus aureus susceptibility to photoinactivation. Journal of Photochemistry and Photobiology B: Biology, 2013, 129, 100-107. | 1.7 | 14 |
| 121 | Staphylococcus Î´-toxin induces allergic skin disease by activating mast cells. Nature, 2013, 503, 397-401. | 13.7 | 429 |
| 122 | Phenol-soluble modulins and staphylococcal infection. Nature Reviews Microbiology, 2013, 11, 667-673. | 13.6 | 344 |
| 123 | How colonization factors are linked to outbreaks of methicillin-resistant Staphylococcus aureus: the roles of SasX and ACME. Biomolecular Concepts, 2013, 4, 533-537. | 1.0 | 17 |
| 124 | Staphylococcal Infections: Mechanisms of Biofilm Maturation and Detachment as Critical Determinants of Pathogenicity. Annual Review of Medicine, 2013, 64, 175-188. | 5.0 | 474 |
| 125 | Coagulaseâ€negative staphylococci as reservoirs of genes facilitating MRSA infection. BioEssays, 2013, 35, 4-11. | 1.2 | 188 |
| 126 | Staphylococcal alpha-phenol soluble modulins contribute to neutrophil lysis after phagocytosis. Cellular Microbiology, 2013, 15, 1427-1437. | 1.1 | 158 |

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|---|---|---|---|
| 127 | Essential Staphylococcus aureus toxin export system. Nature Medicine, 2013, 19, 364-367. | 15.2 | 144 |
| 128 | <i>Staphylococcus aureus</i> Phenol-Soluble Modulin Peptides Modulate Dendritic Cell Functions and Increase In Vitro Priming of Regulatory T Cells. Journal of Immunology, 2013, 190, 3417-3426. | 0.4 | 68 |
| 129 | Community-associated MRSA: What makes them special?. International Journal of Medical Microbiology, 2013, 303, 324-330. | 1.5 | 270 |
| 130 | How can Staphylococcus aureus phenol-soluble modulins be targeted to inhibit infection?. Future Microbiology, 2013, 8, 693-696. | 1.0 | 14 |
| 131 | Nox2 Modification of LDL Is Essential for Optimal Apolipoprotein B-mediated Control of agr Type III Staphylococcus aureus Quorum-sensing. PLoS Pathogens, 2013, 9, e1003166. | 2.1 | 41 |
| 132 | Blocking the Spread of Resistance. Science Translational Medicine, 2013, 5, 184fs17. | 5.8 | 3 |
| 133 | Seasonal H3N2 influenza A virus fails to enhance<i>Staphylococcus aureus</i>co-infection in a non-human primate respiratory tract infection model. Virulence, 2013, 4, 707-715. | 1.8 | 25 |
| 134 | Improved understanding of factors driving methicillin-resistant Staphylococcus aureus epidemic waves. Clinical Epidemiology, 2013, 5, 205. | 1.5 | 94 |
| 135 | Transcriptional Events during the Recovery from MRSA Lung Infection: A Mouse Pneumonia Model. PLoS ONE, 2013, 8, e70176. | 1.1 | 13 |
| 136 | Complete Genome Sequence of a PantÃ³n-Valentine Leukocidin-Negative Community-Associated Methicillin-Resistant Staphylococcus aureus Strain of Sequence type 72 from Korea. PLoS ONE, 2013, 8, e72803. | 1.1 | 22 |
| 137 | Linezolid Exerts Greater Bacterial Clearance but No Modification of Host Lung Gene Expression Profiling: A Mouse MRSA Pneumonia Model. PLoS ONE, 2013, 8, e67994. | 1.1 | 6 |
| 138 | Phenol-soluble modulins in staphylococci. Communicative and Integrative Biology, 2012, 5, 275-277. | 0.6 | 53 |
| 139 | Molecular insight into how MRSA is becoming increasingly dangerous. Virulence, 2012, 3, 521-522. | 1.8 | 20 |
| 140 | <i><scp>sarA</scp></i> negatively regulates <i><scp>S</scp>taphylococcus epidermidis</i> biofilm formation by modulating expression of 1â€‰<scp>MDa</scp> extracellular matrix binding protein and autolysisâ€dependent release of <scp>eDNA</scp>. Molecular Microbiology, 2012, 86, 394-410. | 1.2 | 51 |
| 141 | Staphylococcus epidermidis pan-genome sequence analysis reveals diversity of skin commensal and hospital infection-associated isolates. Genome Biology, 2012, 13, R64. | 13.9 | 206 |
| 142 | Methicillin-resistant <i>Staphylococcus aureus</i> infection is associated with increased mortality. Future Microbiology, 2012, 7, 189-191. | 1.0 | 20 |
| 143 | Molecular Basis of InÂVivo Biofilm Formation by Bacterial Pathogens. Chemistry and Biology, 2012, 19, 1503-1513. | 6.2 | 318 |
| 144 | Direct and synergistic hemolysis caused by Staphylococcus phenol-soluble modulins: implications for diagnosis and pathogenesis. Microbes and Infection, 2012, 14, 380-386. | 1.0 | 102 |

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| 145 | The potential use of toxin antibodies as a strategy for controlling acute<i>Staphylococcus aureus</i>infections. Expert Opinion on Therapeutic Targets, 2012, 16, 601-612. | 1.5 | 44 |
| 146 | How Staphylococcus aureus Breaches Our Skin to Cause Infection. Journal of Infectious Diseases, 2012, 205, 1483-1485. | 1.9 | 4 |
| 147 | The Virulence Regulator Agr Controls the Staphylococcal Capacity to Activate Human Neutrophils via the Formyl Peptide Receptor 2. Journal of Innate Immunity, 2012, 4, 201-212. | 1.8 | 35 |
| 148 | A Neonatal Model of Intravenous Staphylococcus epidermidis Infection in Mice <24 h Old Enables Characterization of Early Innate Immune Responses. PLoS ONE, 2012, 7, e43897. | 1.1 | 36 |
| 149 | Interaction of Phenol-Soluble Modulins with Phosphatidylcholine Vesicles. Pathogens, 2012, 1, 3-11. | 1.2 | 15 |
| 150 | MRSA epidemic linked to a quickly spreading colonization and virulence determinant. Nature Medicine, 2012, 18, 816-819. | 15.2 | 242 |
| 151 | How <i>Staphylococcus aureus</i> biofilms develop their characteristic structure. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1281-1286. | 3.3 | 526 |
| 152 | Molecular basis of Staphylococcus epidermidis infections. Seminars in Immunopathology, 2012, 34, 201-214. | 2.8 | 220 |
| 153 | MRSA virulence and spread. Cellular Microbiology, 2012, 14, 1513-1521. | 1.1 | 253 |
| 154 | Enterococcus faecium Stimulates Human Neutrophils via the Formyl-Peptide Receptor 2. PLoS ONE, 2012, 7, e39910. | 1.1 | 18 |
| 155 | Antimicrobial Activity of Community-associated Methicillin-resistant Staphylococcus aureus Is Caused by Phenol-soluble Modulin Derivatives. Journal of Biological Chemistry, 2011, 286, 8933-8940. | 1.6 | 130 |
| 156 | Molecular differentiation of historic phage-type 80/81 and contemporary epidemic <i>Staphylococcus aureus</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18091-18096. | 3.3 | 139 |
| 157 | The Eukaryotic-Type Serine/Threonine Protein Kinase Stk Is Required for Biofilm Formation and Virulence in Staphylococcus epidermidis. PLoS ONE, 2011, 6, e25380. | 1.1 | 39 |
| 158 | Distribution and Regulation of the Mobile Genetic Element-Encoded Phenol-Soluble Modulin PSM-mec in Methicillin-Resistant Staphylococcus aureus. PLoS ONE, 2011, 6, e28781. | 1.1 | 71 |
| 159 | A MRSA-terious enemy among us: End of the PVL controversy?. Nature Medicine, 2011, 17, 169-170. | 15.2 | 44 |
| 160 | Comparative Analysis of USA300 Virulence Determinants in a Rabbit Model of Skin and Soft Tissue Infection. Journal of Infectious Diseases, 2011, 204, 937-941. | 1.9 | 229 |
| 161 | Neutrophil responses to staphylococcal pathogens and commensals <i>via</i> the formyl peptide receptor 2 relates to phenolâ€soluble modulin release and virulence. FASEB Journal, 2011, 25, 1254-1263. | 0.2 | 91 |
| 162 | <i>ygs</i> Is a Novel Gene That Influences Biofilm Formation and the General Stress Response of <i>Staphylococcus epidermidis</i>. Infection and Immunity, 2011, 79, 1007-1015. | 1.0 | 20 |

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|---|---|---|---|
| 163 | Role of the Accessory Gene Regulator <i>agr</i> in Community-Associated Methicillin-Resistant Staphylococcus aureus Pathogenesis. Infection and Immunity, 2011, 79, 1927-1935. | 1.0 | 272 |
| 164 | Defining the Strain-Dependent Impact of the Staphylococcal Accessory Regulator ( <i>sarA</i> ) on the Alpha-Toxin Phenotype of Staphylococcus aureus. Journal of Bacteriology, 2011, 193, 2948-2958. | 1.0 | 78 |
| 165 | Molecular Characterization of an Early Invasive<i>Staphylococcus epidermidis</i>Prosthetic Joint Infection. Microbial Drug Resistance, 2011, 17, 345-350. | 0.9 | 10 |
| 166 | Pantonâ€“Valentine leukocidin antibodies for the treatment of MRSA skin infections?. Expert Review of Anti-Infective Therapy, 2011, 9, 389-392. | 2.0 | 3 |
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