

Ruth C Massey

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,899
citations

136950

32
h-index

138484

58
g-index

72
all docs

72
docs citations

72
times ranked

4995
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted control of pneumolysin production by a mobile genetic element in <i>Streptococcus pneumoniae</i> . <i>Microbial Genomics</i> , 2022, 8, .	2.0	5
2	Wall Teichoic Acids Facilitate the Release of Toxins from the Surface of <i>Staphylococcus aureus</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	9
3	The MpsB protein contributes to both the toxicity and immune evasion capacity of <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	8
4	A functional menadione biosynthesis pathway is required for capsule production by <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	11
5	Significant variability exists in the cytotoxicity of global methicillin-resistant <i>Staphylococcus aureus</i> lineages. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	10
6	A Small Membrane Stabilizing Protein Critical to the Pathogenicity of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2020, 88, .	2.2	9
7	Post-acute COVID-19 associated with evidence of bystander T-cell activation and a recurring antibiotic-resistant bacterial pneumonia. <i>ELife</i> , 2020, 9, .	6.0	26
8	Timing Is Everything: Impact of Naturally Occurring <i>Staphylococcus aureus</i> AgrC Cytoplasmic Domain Adaptive Mutations on Autoinduction. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	19
9	Genomic identification of cryptic susceptibility to penicillins and β -lactamase inhibitors in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Nature Microbiology</i> , 2019, 4, 1680-1691.	13.3	47
10	Evolution and Global Transmission of a Multidrug-Resistant, Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Lineage from the Indian Subcontinent. <i>MBio</i> , 2019, 10, .	4.1	50
11	Disease-associated genotypes of the commensal skin bacterium <i>Staphylococcus epidermidis</i> . <i>Nature Communications</i> , 2018, 9, 5034.	12.8	115
12	Epistasis analysis uncovers hidden antibiotic resistance-associated fitness costs hampering the evolution of MRSA. <i>Genome Biology</i> , 2018, 19, 94.	8.8	43
13	Genomic exploration of sequential clinical isolates reveals a distinctive molecular signature of persistent <i>Staphylococcus aureus</i> bacteraemia. <i>Genome Medicine</i> , 2018, 10, 65.	8.2	49
14	Cytolytic toxin production by <i>Staphylococcus aureus</i> is dependent upon the activity of the protoheme IX farnesyltransferase. <i>Scientific Reports</i> , 2017, 7, 13744.	3.3	10
15	Clonal differences in <i>Staphylococcus aureus</i> bacteraemia-associated mortality. <i>Nature Microbiology</i> , 2017, 2, 1381-1388.	13.3	118
16	Severe infections emerge from commensal bacteria by adaptive evolution. <i>ELife</i> , 2017, 6, .	6.0	93
17	Bacterial toxins: Offensive, defensive, or something else altogether?. <i>PLoS Pathogens</i> , 2017, 13, e1006452.	4.7	53
18	Promiscuous bacteria have staying power. <i>ELife</i> , 2017, 6, .	6.0	2

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19	Natural mutations in a <i>Staphylococcus aureus</i> virulence regulator attenuate cytotoxicity but permit bacteremia and abscess formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3101-10.	7.1	103
20	Using functional genomics to decipher the complexity of microbial pathogenicity. <i>Current Genetics</i> , 2016, 62, 523-525.	1.7	15
21	Evolutionary Trade-Offs Underlie the Multi-faceted Virulence of <i>Staphylococcus aureus</i> . <i>PLoS Biology</i> , 2015, 13, e1002229.	5.6	120
22	Manipulation of Autophagy in Phagocytes Facilitates <i>Staphylococcus aureus</i> Bloodstream Infection. <i>Infection and Immunity</i> , 2015, 83, 3445-3457.	2.2	81
23	<i>Staphylococcus aureus</i> Interaction with Phospholipid Vesicles – A New Method to Accurately Determine Accessory Gene Regulator (<i>agr</i>) Activity. <i>PLoS ONE</i> , 2014, 9, e87270.	2.5	30
24	Characterizing the genetic basis of bacterial phenotypes using genome-wide association studies: a new direction for bacteriology. <i>Genome Medicine</i> , 2014, 6, 109.	8.2	105
25	Evidence for Steric Regulation of Fibrinogen Binding to <i>Staphylococcus aureus</i> Fibronectin-binding Protein A (FnBPA). <i>Journal of Biological Chemistry</i> , 2014, 289, 12842-12851.	3.4	29
26	Oxacillin Alters the Toxin Expression Profile of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1100-1107.	3.2	51
27	Predicting the virulence of MRSA from its genome sequence. <i>Genome Research</i> , 2014, 24, 839-849.	5.5	210
28	Methicillin Resistance Alters the Biofilm Phenotype and Attenuates Virulence in <i>Staphylococcus aureus</i> Device-Associated Infections. <i>PLoS Pathogens</i> , 2012, 8, e1002626.	4.7	237
29	Methicillin Resistance Reduces the Virulence of Healthcare-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> by Interfering With the <i>agr</i> Quorum Sensing System. <i>Journal of Infectious Diseases</i> , 2012, 205, 798-806.	4.0	124
30	Molecular mechanisms of <i>Staphylococcus aureus</i> nasopharyngeal colonization. <i>Molecular Oral Microbiology</i> , 2012, 27, 1-10.	2.7	32
31	From genotype to phenotype: can systems biology be used to predict <i>Staphylococcus aureus</i> virulence?. <i>Nature Reviews Microbiology</i> , 2012, 10, 791-797.	28.6	62
32	<i>Staphylococcus aureus</i> Extracellular Adherence Protein Triggers TNF α Release, Promoting Attachment to Endothelial Cells via Protein A. <i>PLoS ONE</i> , 2012, 7, e43046.	2.5	43
33	How does <i>Staphylococcus aureus</i> escape the bloodstream?. <i>Trends in Microbiology</i> , 2011, 19, 184-190.	7.7	69
34	Invasion of Human Cells by a Bacterial Pathogen. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	27
35	<i>Staphylococcus aureus</i> Keratinocyte Invasion Is Dependent upon Multiple High-Affinity Fibronectin-Binding Repeats within FnBPA. <i>PLoS ONE</i> , 2011, 6, e18899.	2.5	69
36	Offsetting virulence and antibiotic resistance costs by MRSA. <i>ISME Journal</i> , 2010, 4, 577-584.	9.8	72

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37	Staphylococcus aureus Host Cell Invasion and Virulence in Sepsis Is Facilitated by the Multiple Repeats within FnBPA. PLoS Pathogens, 2010, 6, e1000964.	4.7	124
38	Interspecific competition and siderophore-mediated cooperation in <i>Pseudomonas aeruginosa</i> . ISME Journal, 2008, 2, 49-55.	9.8	142
39	Identification of Factors Contributing to T-Cell Toxicity of <i>Staphylococcus aureus</i> Clinical Isolates. Journal of Clinical Microbiology, 2008, 46, 2112-2114.	3.9	27
40	The <i>Staphylococcus aureus</i> Eap Protein Activates Expression of Proinflammatory Cytokines. Infection and Immunity, 2008, 76, 2164-2168.	2.2	21
41	Use of Peptide-Major Histocompatibility Complex Tetramer Technology To Study Interactions between <i>Staphylococcus aureus</i> Proteins and Human Cells. Infection and Immunity, 2007, 75, 5711-5715.	2.2	10
42	The use of insect models to study human pathogens. Drug Discovery Today: Disease Models, 2007, 4, 105-110.	1.2	19
43	The evolution and maintenance of virulence in <i>Staphylococcus aureus</i> : a role for host-to-host transmission?. Nature Reviews Microbiology, 2006, 4, 953-958.	28.6	78
44	Antagonistic coevolution with parasites increases the cost of host deleterious mutations. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 45-49.	2.6	90
45	Agr Interference between Clinical <i>Staphylococcus aureus</i> Strains in an Insect Model of Virulence. Journal of Bacteriology, 2006, 188, 7686-7688.	2.2	42
46	Clonal Distribution and Phase-Variable Expression of a Major Histocompatibility Complex Analogue Protein in <i>Staphylococcus aureus</i> . Journal of Bacteriology, 2005, 187, 2917-2919.	2.2	15
47	Interference competition and parasite virulence. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 785-788.	2.6	95
48	Genes encoding a cellulosic polymer contribute toward the ecological success of <i>Pseudomonas fluorescens</i> SBW25 on plant surfaces. Molecular Ecology, 2003, 12, 3109-3121.	3.9	144
49	Characterization of novel LPXTG-containing proteins of <i>Staphylococcus aureus</i> identified from genome sequences. Microbiology (United Kingdom), 2003, 149, 643-654.	1.8	184
50	Functional Blocking of <i>Staphylococcus aureus</i> Adhesins following Growth in Ex Vivo Media. Infection and Immunity, 2002, 70, 5339-5345.	2.2	21
51	Environmental regulation of mutation rates at specific sites. Trends in Microbiology, 2002, 10, 580-584.	7.7	26
52	The <i>ica</i> Operon and Biofilm Production in Coagulase-Negative Staphylococci Associated with Carriage and Disease in a Neonatal Intensive Care Unit. Journal of Clinical Microbiology, 2002, 40, 382-388.	3.9	160
53	Antibiotic-resistant sub-populations of the pathogenic bacterium <i>Staphylococcus aureus</i> confer population-wide resistance. Current Biology, 2002, 12, R686-R687.	3.9	22
54	<i>Staphylococcus aureus</i> clumping factor B (ClfB) promotes adherence to human type I cytokeratin 10: implications for nasal colonization. Cellular Microbiology, 2002, 4, 759-770.	2.1	202

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55	Fibronectin-binding protein A of <i>Staphylococcus aureus</i> has multiple, substituting, binding regions that mediate adherence to fibronectin and invasion of endothelial cells. <i>Cellular Microbiology</i> , 2001, 3, 839-851.	2.1	162
56	Phenotypic switching of antibiotic resistance circumvents permanent costs in <i>Staphylococcus aureus</i> . <i>Current Biology</i> , 2001, 11, 1810-1814.	3.9	120
57	The Virulence Plasmid of <i>Salmonella typhimurium</i> Contains an Autoregulated Gene, <i>rlgA</i> , That Codes for a Resolvase-like DNA Binding Protein. <i>Plasmid</i> , 2000, 44, 24-33.	1.4	5
58	Environmentally constrained mutation and adaptive evolution in <i>Salmonella</i> . <i>Current Biology</i> , 1999, 9, 1477-1481.	3.9	20