Hanne Ingmer

List of Publications by Citations

167 papers	7,357 citations	46 h-index	79 g-index
180 ext. papers	8,931 ext. citations	5.5 avg, IF	6.18 L-index

#	Paper	IF	Citations
167	H-NS: a modulator of environmentally regulated gene expression. *Molecular Microbiology*, **1997**, 24, 7-17	4.1	421
166	SOS response induction by beta-lactams and bacterial defense against antibiotic lethality. *Science*, **2004**, 305, 1629-31	33.3	405
165	Proteolytic systems of lactic acid bacteria. *Applied Microbiology and Biotechnology*, **2006**, 71, 394-406	5.7	387
164	Alternative roles of ClpX and ClpP in Staphylococcus aureus stress tolerance and virulence. *Molecular Microbiology*, **2003**, 48, 1565-78	4.1	227
163	Clp ATPases are required for stress tolerance, intracellular replication and biofilm formation in Staphylococcus aureus. *Molecular Microbiology*, **2004**, 54, 1445-62	4.1	225
162	Clp ATPases and ClpP proteolytic complexes regulate vital biological processes in low GC, Gram-positive bacteria. *Molecular Microbiology*, **2007**, 63, 1285-95	4.1	218
161	The RNA-binding protein Hfq of Listeria monocytogenes: role in stress tolerance and virulence. *Journal of Bacteriology*, **2004**, 186, 3355-62	3.5	214
160	Modes of action of three disinfectant active substances: a review. *Regulatory Toxicology and Pharmacology*, **2013**, 67, 456-67	3.4	146
159	Antibacterial and antifungal properties of resveratrol. *International Journal of Antimicrobial Agents*, **2019**, 53, 716-723	14.3	134
158	Proteases in bacterial pathogenesis. *Research in Microbiology*, **2009**, 160, 704-10	4	133
157	Bacterial chitinases and chitin-binding proteins as virulence factors. *Microbiology (United Kingdom)*, **2013**, 159, 833-847	2.9	122
156	Spx is a global effector impacting stress tolerance and biofilm formation in Staphylococcus aureus. *Journal of Bacteriology*, **2006**, 188, 4861-70	3.5	122
155	ClpP participates in the degradation of misfolded protein in Lactococcus lactis. *Molecular Microbiology*, **1999**, 31, 79-87	4.1	114
154	Bacterial viruses enable their host to acquire antibiotic resistance genes from neighbouring cells. *Nature Communications*, **2016**, 7, 13333	17.4	110
153	Clp chaperones and proteases are central in stress survival, virulence and antibiotic resistance of Staphylococcus aureus. *International Journal of Medical Microbiology*, **2014**, 304, 142-9	3.7	101
152	Inhibition of virulence gene expression in Staphylococcus aureus by novel depsipeptides from a marine photobacterium. *Marine Drugs*, **2011**, 9, 2537-52	6	95
151	Transfer of Antibiotic Resistance in Staphylococcus aureus. *Trends in Microbiology*, **2017**, 25, 893-905	12.4	91

150	Global virulence regulation in Staphylococcus aureus: pinpointing the roles of ClpP and ClpX in the sar/agr regulatory network. *Infection and Immunity*, **2005**, 73, 8100-8	3.7	91
149	Review and phylogenetic analysis of qac genes that reduce susceptibility to quaternary ammonium compounds in Staphylococcus species. *European Journal of Microbiology and Immunology*, **2015**, 5, 44-61	4.6	90
148	Planktonic aggregates of Staphylococcus aureus protect against common antibiotics. *PLoS ONE*, **2012**, 7, e41075	3.7	89
147	Listeria monocytogenes response regulators important for stress tolerance and pathogenesis. *FEMS Microbiology Letters*, **2001**, 204, 111-5	2.9	88
146	Persistence of foodborne pathogens and their control in primary and secondary food production chains. *Food Control*, **2014**, 44, 92-109	6.2	82
145	The Dps-like protein Fri of Listeria monocytogenes promotes stress tolerance and intracellular multiplication in macrophage-like cells. *Microbiology (United Kingdom)*, **2005**, 151, 925-933	2.9	80
144	Bacterial proteases and virulence. *Sub-Cellular Biochemistry*, **2013**, 66, 161-92	5.5	79
143	Solonamide B inhibits quorum sensing and reduces Staphylococcus aureus mediated killing of human neutrophils. *PLoS ONE*, **2014**, 9, e84992	3.7	79
142	Antibiotic Resistance and the MRSA Problem. *Microbiology Spectrum*, **2019**, 7,	8.9	77
141	The HtrA protease of Campylobacter jejuni is required for heat and oxygen tolerance and for optimal interaction with human epithelial cells. *Applied and Environmental Microbiology*, **2005**, 71, 3205-12	4.8	77
140	Trapping and proteomic identification of cellular substrates of the ClpP protease in Staphylococcus aureus. *Journal of Proteome Research*, **2013**, 12, 547-58	5.6	76
139	Identification of proteins induced at low pH in Lactococcus lactis. *International Journal of Food Microbiology*, **2003**, 87, 293-300	5.8	75
138	Energy taxis drives Campylobacter jejuni toward the most favorable conditions for growth. *Applied and Environmental Microbiology*, **2009**, 75, 5308-14	4.8	70
137	Sodium chloride enhances adherence and aggregation and strain variation influences invasiveness of Listeria monocytogenes strains. *Journal of Food Protection*, **2007**, 70, 592-9	2.5	61
136	Caenorhabditis elegans is a model host for Listeria monocytogenes. *Applied and Environmental Microbiology*, **2006**, 72, 1700-1	4.8	61
135	CesRK, a two-component signal transduction system in Listeria monocytogenes, responds to the presence of cell wall-acting antibiotics and affects beta-lactam resistance. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 3421-9	5.9	61
134	Noninvasive measurement of bacterial intracellular pH on a single-cell level with green fluorescent protein and fluorescence ratio imaging microscopy. *Applied and Environmental Microbiology*, **2002**, 68, 4145-7	4.8	56
133	The response regulator ResD modulates virulence gene expression in response to carbohydrates in Listeria monocytogenes. *Molecular Microbiology*, **2006**, 61, 1622-35	4.1	50

132	Diverse roles for HspR in Campylobacter jejuni revealed by the proteome, transcriptome and phenotypic characterization of an hspR mutant. *Microbiology (United Kingdom)*, **2005**, 151, 905-915	2.9	50
131	Heat resistance mediated by a new plasmid encoded Clp ATPase, ClpK, as a possible novel mechanism for nosocomial persistence of Klebsiella pneumoniae. *PLoS ONE*, **2010**, 5, e15467	3.7	50
130	Cross-Talk between and Other Staphylococcal Species via the Quorum Sensing System. *Frontiers in Microbiology*, **2016**, 7, 1733	5.7	50
129	Inactivation of a gene that is highly conserved in Gram-positive bacteria stimulates degradation of non-native proteins and concomitantly increases stress tolerance in Lactococcus lactis. *Molecular Microbiology*, **2001**, 41, 93-103	4.1	48
128	Methicillin-resistant and -susceptible Staphylococcus aureus from retail meat in Denmark. *International Journal of Food Microbiology*, **2017**, 249, 72-76	5.8	47
127	Evolution of metabolic divergence in Pseudomonas aeruginosa during long-term infection facilitates a proto-cooperative interspecies interaction. *ISME Journal*, **2016**, 10, 1323-36	11.9	47
126	Influence of sublethal concentrations of common disinfectants on expression of virulence genes in Listeria monocytogenes. *Applied and Environmental Microbiology*, **2010**, 76, 303-9	4.8	47
125	Disruption and analysis of the clpB, clpC, and clpE genes in Lactococcus lactis: ClpE, a new Clp family in gram-positive bacteria. *Journal of Bacteriology*, **1999**, 181, 2075-83	3.5	47
124	ctsR of Lactococcus lactis encodes a negative regulator of clp gene expression. *Microbiology (United Kingdom)*, **2000**, 146 (Pt 6), 1447-1455	2.9	47
123	Antibiotic combination therapy can select for broad-spectrum multidrug resistance in Pseudomonas aeruginosa. *International Journal of Antimicrobial Agents*, **2016**, 47, 48-55	14.3	46
122	Inhibition of the ATP Synthase Eliminates the Intrinsic Resistance of towards Polymyxins. *MBio*, **2017**, 8,	7.8	46
121	Antimicrobial peptide exposure selects for Staphylococcus aureus resistance to human defence peptides. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 115-127	5.1	46
120	Antibiotic-mediated selection of quorum-sensing-negative Staphylococcus aureus. *MBio*, **2013**, 3, e00459-12	7.8	46
119	A broad range quorum sensing inhibitor working through sRNA inhibition. *Scientific Reports*, **2017**, 7, 9857	4.9	45
118	The YjbH adaptor protein enhances proteolysis of the transcriptional regulator Spx in Staphylococcus aureus. *Journal of Bacteriology*, **2012**, 194, 1186-94	3.5	44
117	Growth and survival at chiller temperatures of Arcobacter butzleri. *International Journal of Food Microbiology*, **2009**, 131, 256-9	5.8	43
116	Heat and DNA damage induction of the LexA-like regulator HdiR from Lactococcus lactis is mediated by RecA and ClpP. *Molecular Microbiology*, **2003**, 50, 609-21	4.1	43
115	Inactivation of TCA cycle enhances Staphylococcus aureus persister cell formation in stationary phase. *Scientific Reports*, **2018**, 8, 10849	4.9	42

114	Bacteriophages benefit from generalized transduction. *PLoS Pathogens*, **2019**, 15, e1007888	7.6	42
113	Contribution of conserved ATP-dependent proteases of Campylobacter jejuni to stress tolerance and virulence. *Applied and Environmental Microbiology*, **2007**, 73, 7803-13	4.8	42
112	kdpE and a putative RsbQ homologue contribute to growth of Listeria monocytogenes at high osmolarity and low temperature. *FEMS Microbiology Letters*, **2003**, 219, 233-9	2.9	42
111	Staphylococcus aureus alters growth activity, autolysis, and antibiotic tolerance in a human host-adapted Pseudomonas aeruginosa lineage. *Journal of Bacteriology*, **2014**, 196, 3903-11	3.5	41
110	Cytokine responses in primary chicken embryo intestinal cells infected with Campylobacter jejuni strains of human and chicken origin and the expression of bacterial virulence-associated genes. *BMC Microbiology*, **2008**, 8, 107	4.5	40
109	Antimicrobial peptides effectively kill a broad spectrum of Listeria monocytogenes and Staphylococcus aureus strains independently of origin, sub-type, or virulence factor expression. *BMC Microbiology*, **2008**, 8, 205	4.5	38
108	Multilocus sequence typing and biocide tolerance of Arcobacter butzleri from Danish broiler carcasses. *BMC Research Notes*, **2013**, 6, 322	2.3	37
107	Identification of four new agr quorum sensing-interfering cyclodepsipeptides from a marine Photobacterium. *Marine Drugs*, **2013**, 11, 5051-62	6	37
106	Processing plant persistent strains of Listeria monocytogenes appear to have a lower virulence potential than clinical strains in selected virulence models. *International Journal of Food Microbiology*, **2008**, 123, 254-61	5.8	37
105	Method for screening compounds that influence virulence gene expression in Staphylococcus aureus. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 509-12	5.9	36
104	Norlichexanthone Reduces Virulence Gene Expression and Biofilm Formation in Staphylococcus aureus. *PLoS ONE*, **2016**, 11, e0168305	3.7	36
103	Reversible antibiotic tolerance induced in Staphylococcus aureus by concurrent drug exposure. *MBio*, **2015**, 6,	7.8	34
102	Regulation of host hemoglobin binding by the Staphylococcus aureus Clp proteolytic system. *Journal of Bacteriology*, **2013**, 195, 5041-50	3.5	32
101	The chaperone ClpX stimulates expression of Staphylococcus aureus protein A by Rot dependent and independent pathways. *PLoS ONE*, **2010**, 5, e12752	3.7	32
100	Structural basis for (p)ppGpp synthesis by the small alarmone synthetase RelP. *Journal of Biological Chemistry*, **2018**, 293, 3254-3264	5.4	31
99	Destabilized inheritance of pSC101 and other Escherichia coli plasmids by DpiA, a novel two-component system regulator. *Molecular Microbiology*, **1998**, 29, 49-59	4.1	31
98	Microbes versus microbes: control of pathogens in the food chain. *Journal of the Science of Food and Agriculture*, **2014**, 94, 3079-89	4.3	29
97	Modeling the growth of Listeria monocytogenes in soft blue-white cheese. *Applied and Environmental Microbiology*, **2012**, 78, 8508-14	4.8	29

96	Quorum Sensing-Regulated Phenol-Soluble Modulins Limit Persister Cell Populations in. *Frontiers in Microbiology*, **2018**, 9, 255	5.7	28
95	Reduced amounts of LPS affect both stress tolerance and virulence of Salmonella enterica serovar Dublin. *FEMS Microbiology Letters*, **2003**, 228, 225-31	2.9	28
94	DpiA binding to the replication origin of Escherichia coli plasmids and chromosomes destabilizes plasmid inheritance and induces the bacterial SOS response. *Journal of Bacteriology*, **2003**, 185, 6025-31	3.5	27
93	Genome-Wide Identification of Antimicrobial Intrinsic Resistance Determinants in. *Frontiers in Microbiology*, **2016**, 7, 2018	5.7	27
92	The antimicrobial lysine-peptoid hybrid LP5 inhibits DNA replication and induces the SOS response in Staphylococcus aureus. *BMC Microbiology*, **2013**, 13, 192	4.5	26
91	The agr Inhibitors Solonamide B and Analogues Alter Immune Responses to Staphylococccus aureus but Do Not Exhibit Adverse Effects on Immune Cell Functions. *PLoS ONE*, **2016**, 11, e0145618	3.7	26
90	Resveratrol enhances the efficacy of aminoglycosides against Staphylococcus aureus. *International Journal of Antimicrobial Agents*, **2018**, 52, 390-396	14.3	25
89	Growth phase-dependent regulation of the global virulence regulator Rot in clinical isolates of Staphylococcus aureus. *International Journal of Medical Microbiology*, **2010**, 300, 229-36	3.7	25
88	Staphylococcus aureus ClpYQ plays a minor role in stress survival. *Archives of Microbiology*, **2005**, 183, 286-91	3	24
87	Recently introduced qacA/B genes in Staphylococcus epidermidis do not increase chlorhexidine MIC/MBC. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 2226-33	5.1	23
86	Natural transformation of Campylobacter jejuni occurs beyond limits of growth. *PLoS ONE*, **2012**, 7, e45467	3.7	23
85	Monomer-dimer equilibrium of the pSC101 RepA protein. *Journal of Molecular Biology*, **1995**, 250, 309-14	6.5	23
84	Susceptibility of vancomycin-resistant and -sensitive Enterococcus faecium obtained from Danish hospitals to benzalkonium chloride, chlorhexidine and hydrogen peroxide biocides. *Journal of Medical Microbiology*, **2017**, 66, 1744-1751	3.2	23
83	Communications of Staphylococcus aureus and non-aureus Staphylococcus species from bovine intramammary infections and teat apex colonization. *Journal of Dairy Science*, **2018**, 101, 7322-7333	4	23
82	Bactericidal antibiotics increase hydroxyphenyl fluorescein signal by altering cell morphology. *PLoS ONE*, **2014**, 9, e92231	3.7	22
81	ClpE from Lactococcus lactis promotes repression of CtsR-dependent gene expression. *Journal of Bacteriology*, **2003**, 185, 5117-24	3.5	22
80	Staphylococcus epidermidis isolated in 1965 are more susceptible to triclosan than current isolates. *PLoS ONE*, **2013**, 8, e62197	3.7	21
79	Glucose Metabolism via the Entner-Doudoroff Pathway in : A Rare Trait that Enhances Survival and Promotes Biofilm Formation in Some Isolates. *Frontiers in Microbiology*, **2016**, 7, 1877	5.7	21

78	Identification of autoinducing thiodepsipeptides from staphylococci enabled by native chemical ligation. *Nature Chemistry*, **2019**, 11, 463-469	17.6	20
77	Microbiota encompassing putative spoilage bacteria in retail packaged broiler meat and commercial broiler abattoir. *International Journal of Food Microbiology*, **2019**, 300, 14-21	5.8	20
76	Exit tunnel modulation as resistance mechanism of S. aureus erythromycin resistant mutant. *Scientific Reports*, **2019**, 9, 11460	4.9	20
75	Activation of the SOS response increases the frequency of small colony variants. *BMC Research Notes*, **2015**, 8, 749	2.3	20
74	Nigribactin, a novel siderophore from Vibrio nigripulchritudo, modulates Staphylococcus aureus virulence gene expression. *Marine Drugs*, **2012**, 10, 2584-95	6	20
73	Presence and analysis of plasmids in human and animal associated arcobacter species. *PLoS ONE*, **2014**, 9, e85487	3.7	20
72	Chitinase expression in Listeria monocytogenes is positively regulated by the Agr system. *PLoS ONE* , **2014**, 9, e95385	3.7	20
71	Temperate Phages of. *Microbiology Spectrum*, **2019**, 7,	8.9	19
70	Application of an agr-Specific Antivirulence Compound as Therapy for Staphylococcus aureus-Induced Inflammatory Skin Disease. *Journal of Infectious Diseases*, **2018**, 218, 1009-1013	7	19
69	Prevalence and characterization of Staphylococcus aureus and Staphylococcus argenteus in chicken from retail markets in China. *Food Control*, **2019**, 96, 158-164	6.2	19
68	Antimicrobial Resistance and Virulence Gene Profiles of Methicillin-Resistant and -Susceptible From Food Products in Denmark. *Frontiers in Microbiology*, **2019**, 10, 2681	5.7	18
67	A diverse range of bacterial and eukaryotic chitinases hydrolyzes the LacNAc (Gal1-4GlcNAc) and LacdiNAc (GalNAc1-4GlcNAc) motifs found on vertebrate and insect cells. *Journal of Biological Chemistry*, **2015**, 290, 5354-66	5.4	18
66	Clp-dependent proteolysis of the LexA N-terminal domain in Staphylococcus aureus. *Microbiology (United Kingdom)*, **2011**, 157, 677-684	2.9	18
65	The RepA protein of plasmid pSC101 controls Escherichia coli cell division through the SOS response. *Molecular Microbiology*, **2001**, 42, 519-26	4.1	18
64	Biocide Susceptibility of Staphylococcus aureus CC398 and CC30 Isolates from Pigs and Identification of the Biocide Resistance Genes, qacG and qacC. *Microbial Drug Resistance*, **2015**, 21, 527-36	2.9	17
63	Listeria monocytogenes strains encoding premature stop codons in inlA invade mice and guinea pig fetuses in orally dosed dams. *Journal of Medical Microbiology*, **2013**, 62, 1799-1806	3.2	17
62	Characterization of CRISPR-Cas system in clinical Staphylococcus epidermidis strains revealed its potential association with bacterial infection sites. *Microbiological Research*, **2016**, 193, 103-110	5.3	17
61	Structure-Activity Relationship Study Based on Autoinducing Peptide (AIP) from Dog Pathogen S. schleiferi. *Organic Letters*, **2017**, 19, 5276-5279	6.2	16

60	Rifampin Resistance rpoB Alleles or Multicopy Thioredoxin/Thioredoxin Reductase Suppresses the Lethality of Disruption of the Global Stress Regulator spx in Staphylococcus aureus. *Journal of Bacteriology*, **2016**, 198, 2719-31	3.5	16
59	Initial adhesion of Listeria monocytogenes to fine polished stainless steel under flow conditions is determined by prior growth conditions. *International Journal of Food Microbiology*, **2013**, 165, 35-42	5.8	16
58	Campylobacter jejuni induces an anti-inflammatory response in human intestinal epithelial cells through activation of phosphatidylinositol 3-kinase/Akt pathway. *Veterinary Microbiology*, **2011**, 148, 75-83	3.3	16
57	The heme sensing response regulator HssR in Staphylococcus aureus but not the homologous RR23 in Listeria monocytogenes modulates susceptibility to the antimicrobial peptide plectasin. *BMC Microbiology*, **2010**, 10, 307	4.5	16
56	Effect of Co-inhabiting Coagulase Negative Staphylococci on Quorum Sensing, Host Factor Binding, and Biofilm Formation. *Frontiers in Microbiology*, **2019**, 10, 2212	5.7	15
55	Total synthesis and structural validation of cyclodepsipeptides solonamide A and B. *Tetrahedron*, **2014**, 70, 7721-7732	2.4	15
54	Commercial Biocides Induce Transfer of Prophage ϕ13 from Human Strains of to Livestock CC398. *Frontiers in Microbiology*, **2017**, 8, 2418	5.7	15
53	Lactam hybrid analogues of solonamide B and autoinducing peptides as potent S. aureus AgrC antagonists. *European Journal of Medicinal Chemistry*, **2018**, 152, 370-376	6.8	14
52	A comparative study of fine polished stainless steel, TiN and TiN/Ag surfaces: adhesion and attachment strength of Listeria monocytogenes as well as anti-listerial effect. *Colloids and Surfaces B: Biointerfaces*, **2013**, 109, 190-6	6	14
51	Staphylococcus aureus but not Listeria monocytogenes adapt to triclosan and adaptation correlates with increased fabI expression and agr deficiency. *BMC Microbiology*, **2013**, 13, 177	4.5	14
50	Poor invasion of trophoblastic cells but normal plaque formation in fibroblastic cells despite actA deletion in a group of Listeria monocytogenes strains persisting in some food processing environments. *Applied and Environmental Microbiology*, **2010**, 76, 3391-7	4.8	14
49	Amphibian antimicrobial peptide fallaxin analogue FL9 affects virulence gene expression and DNA replication in Staphylococcus aureus. *Journal of Medical Microbiology*, **2015**, 64, 1504-1513	3.2	14
48	The Ribosomal Protein uL22 Modulates the Shape of the Protein Exit Tunnel. *Structure*, **2017**, 25, 1233-1241.e3	5.1	13
47	Linear peptidomimetics as potent antagonists of Staphylococcus aureus agr quorum sensing. *Scientific Reports*, **2018**, 8, 3562	4.9	12
46	Vancomycin resistance in Enterococcus faecium isolated from Danish chicken meat is located on a pVEF4-like plasmid persisting in poultry for 18 years. *International Journal of Antimicrobial Agents*, **2018**, 52, 283-286	14.3	12
45	SosA inhibits cell division in Staphylococcus aureus in response to DNA damage. *Molecular Microbiology*, **2019**, 112, 1116-1130	4.1	12
44	Dereplication-guided isolation of depsides thielavins S-T and lecanorins D-F from the endophytic fungus Setophoma sp. *Phytochemistry*, **2015**, 111, 154-62	4	12
43	Diverse modulation of spa transcription by cell wall active antibiotics in Staphylococcus aureus. *BMC Research Notes*, **2012**, 5, 457	2.3	12

42	Influence of flow direction and flow rate on the initial adhesion of seven Listeria monocytogenes strains to fine polished stainless steel. *International Journal of Food Microbiology*, **2012**, 157, 174-81	5.8	12
41	Listeria monocytogenes efficiently invades Caco-2 cells after low-temperature storage in broth and on deli meat. *Foodborne Pathogens and Disease*, **2010**, 7, 1013-8	3.8	12
40	Novel Pathways for Ameliorating the Fitness Cost of Gentamicin Resistant Small Colony Variants. *Frontiers in Microbiology*, **2016**, 7, 1866	5.7	12
39	ClpP-dependent and -independent activities encoded by the polycistronic clpK-encoding locus contribute to heat shock survival in Klebsiella pneumoniae. *Research in Microbiology*, **2013**, 164, 205-10	4	10
38	D-Alanylation of Teichoic Acids and Loss of Poly-N-Acetyl Glucosamine in Staphylococcus aureus during Exponential Growth Phase Enhance IL-12 Production in Murine Dendritic Cells. *PLoS ONE*, **2016**, 11, e0149092	3.7	10
37	Streptokinase Treatment Reverses Biofilm-Associated Antibiotic Resistance in Staphylococcus aureus. *Microorganisms*, **2016**, 4,	4.9	10
36	The Gene Has Recently Spread between Rolling Circle Plasmids of , Indicative of a Novel Gene Transfer Mechanism. *Frontiers in Microbiology*, **2016**, 7, 1528	5.7	10
35	Punica granatum sarcotesta lectin (PgTeL) has antibacterial activity and synergistic effects with antibiotics against lactamase-producing Escherichia coli. *International Journal of Biological Macromolecules*, **2019**, 135, 931-939	7.9	9
34	Multiple pathways towards reduced membrane potential and concomitant reduction in aminoglycoside susceptibility in Staphylococcus aureus. *International Journal of Antimicrobial Agents*, **2018**, 51, 132-135	14.3	9
33	Inhibition of the ATP synthase sensitizes Staphylococcus aureus towards human antimicrobial peptides. *Scientific Reports*, **2020**, 10, 11391	4.9	9
32	Punica granatum sarcotesta lectin (PgTeL) impairs growth, structure, viability, aggregation, and biofilm formation ability of Staphylococcus aureus clinical isolates. *International Journal of Biological Macromolecules*, **2019**, 123, 600-608	7.9	9
31	Catalase Expression Is Modulated by Vancomycin and Ciprofloxacin and Influences the Formation of Free Radicals in Staphylococcus aureus Cultures. *Applied and Environmental Microbiology*, **2015**, 81, 6393-8	4.8	8
30	Proteomic analyses of iron-responsive, Clp-dependent changes in Staphylococcus aureus. *Pathogens and Disease*, **2015**, 73,	4.2	8
29	PasT of Escherichia coli sustains antibiotic tolerance and aerobic respiration as a bacterial homolog of mitochondrial Coq10. *MicrobiologyOpen*, **2020**, 9, e1064	3.4	8
28	The agr quorum sensing system in Staphylococcus aureus cells mediates death of sub-population. *BMC Research Notes*, **2018**, 11, 503	2.3	8
27	Phenol-Soluble Modulins Modulate Persister Cell Formation in. *Frontiers in Microbiology*, **2020**, 11, 573253	5.7	7
26	Targeting the ATP Synthase in Small Colony Variants, and Pathogenic Fungi. *Antibiotics*, **2021**, 10,	4.9	7
25	Antibiotic Resistance and the MRSA Problem **2019**, 747-765		6

24	Protocols for Screening Antimicrobial Peptides That Influence Virulence Gene Expression in Staphylococcus aureus. *Methods in Molecular Biology*, **2017**, 1548, 387-394	1.4	4
23	Chitinase Expression in Listeria monocytogenes Is Influenced by , Which Encodes an Internalin-Like Protein. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	4
22	Challenges of Campylobacter jejuni in poultry production. *International Journal of Food Microbiology*, **2011**, 145 Suppl 1, S110	5.8	4
21	Targeting the ATP synthase in bacterial and fungal pathogens - beyond Mycobacterium tuberculosis.. *Journal of Global Antimicrobial Resistance*, **2022**,	3.4	4
20	SosA in Staphylococci: an addition to the paradigm of membrane-localized, SOS-induced cell division inhibition in bacteria. *Current Genetics*, **2020**, 66, 495-499	2.9	4
19	The Novel Membrane-Associated Auxiliary Factors AuxA and AuxB Modulate β-lactam Resistance in MRSA by stabilizing Lipoteichoic Acids. *International Journal of Antimicrobial Agents*, **2021**, 57, 106283	14.3	4
18	Comparison of Gene Expression Profiles of Uropathogenic CFT073 after Prolonged Exposure to Subinhibitory Concentrations of Different Biocides. *Antibiotics*, **2019**, 8,	4.9	3
17	Dps and Bacterial Chromatin **2010**, 175-201		3
16	Human antimicrobial peptide, LL-37, induces non-inheritable reduced susceptibility to vancomycin in Staphylococcus aureus. *Scientific Reports*, **2020**, 10, 13121	4.9	3
15	Aggregating resistant Staphylococcus aureus induces hypocoagulability, hyperfibrinolysis, phagocytosis, and neutrophil, monocyte, and lymphocyte binding in canine whole blood. *Veterinary Clinical Pathology*, **2018**, 47, 560-574	1	3
14	The lysine-peptoid hybrid LP5 maintain activity under physiological conditions and affects virulence gene expression in Staphylococcus aureus. *Peptides*, **2016**, 78, 24-9	3.8	2
13	High persister cell formation by clinical strains belonging to clonal complex 30. *Microbiology (United Kingdom)*, **2020**, 166, 654-658	2.9	2
12	Ciprofloxacin-induced persister-cells in. *Microbiology (United Kingdom)*, **2020**, 166, 849-853	2.9	2
11	Peptide/β-Peptoid Hybrids with Activity against Vancomycin-Resistant Enterococci: Influence of Hydrophobicity and Structural Features on Antibacterial and Hemolytic Properties. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
10	Rearrangement of Thiodepsipeptides by S -to N Acyl Shift Delivers Homodetic Autoinducing Peptides. *Journal of the American Chemical Society*, **2021**, 143, 10514-10518	16.4	2
9	The menaquinone pathway is important for susceptibility of Staphylococcus aureus to the antibiotic adjuvant, cannabidiol.. *Microbiological Research*, **2022**, 257, 126974	5.3	1
8	Screening for Highly Transduced Genes in Staphylococcus aureus Revealed Both Lateral and Specialized Transduction.. *Microbiology Spectrum*, **2022**, e0242321	8.9	1
7	Identification and molecular characterization of Staphylococcus aureus and multi-drug resistant MRSA from monkey faeces in China. *Transboundary and Emerging Diseases*, **2020**, 67, 1382-1387	4.2	1

6	Genome-Wide Identification of Resveratrol Intrinsic Resistance Determinants in. *Antibiotics*, **2021**, 10,	4.9	1
5	Functional Characterization of Type III-A CRISPR-Cas in a Clinical Human Methicillin-R Strain. *CRISPR Journal*, **2021**, 4, 686-698	2.5	0
4	Staphylococcal Phages Adapt to New Hosts by Extensive Attachment Site Variability. *MBio*, **2021**, e022592	7.8	0
3	Reply to "Tolerance of misused terminology? Enforcing standardized phenotypic definitions". *MBio*, **2015**, 6, e00567-15	7.8	
2	Characterization of the genetic switch from phage ?13 important for Staphylococcus aureus colonization in humans. *MicrobiologyOpen*, **2021**, 10, e1245	3.4	
1	Chitin Attenuates Expression of Virulence Genes. *Frontiers in Microbiology*, **2020**, 11, 588906	5.7	