

Hanne Ingmer

List of Publications by Year in Descending Order

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

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	The menaquinone pathway is important for susceptibility of Staphylococcus aureus to the antibiotic adjuvant, cannabidiol.. <i>Microbiological Research</i> , 2022 , 257, 126974	5.3	1
166	Screening for Highly Transduced Genes in Staphylococcus aureus Revealed Both Lateral and Specialized Transduction.. <i>Microbiology Spectrum</i> , 2022 , e0242321	8.9	1
165	Targeting the ATP synthase in bacterial and fungal pathogens - beyond Mycobacterium tuberculosis.. <i>Journal of Global Antimicrobial Resistance</i> , 2022 ,	3.4	4
164	Characterization of the genetic switch from phage ϕ 13 important for Staphylococcus aureus colonization in humans. <i>MicrobiologyOpen</i> , 2021 , 10, e1245	3.4	
163	The Novel Membrane-Associated Auxiliary Factors AuxA and AuxB Modulate β -lactam Resistance in MRSA by stabilizing Lipoteichoic Acids. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106283	14.3	4
162	Targeting the ATP Synthase in Small Colony Variants, and Pathogenic Fungi. <i>Antibiotics</i> , 2021 , 10,	4.9	7
161	Peptide/Peptoid Hybrids with Activity against Vancomycin-Resistant Enterococci: Influence of Hydrophobicity and Structural Features on Antibacterial and Hemolytic Properties. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
160	Rearrangement of Thiodepsipeptides by S-N Acyl Shift Delivers Homodetic Autoinducing Peptides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10514-10518	16.4	2
159	Functional Characterization of Type III-A CRISPR-Cas in a Clinical Human Methicillin-R Strain. <i>CRISPR Journal</i> , 2021 , 4, 686-698	2.5	0
158	Genome-Wide Identification of Resveratrol Intrinsic Resistance Determinants in. <i>Antibiotics</i> , 2021 , 10,	4.9	1
157	Staphylococcal Phages Adapt to New Hosts by Extensive Attachment Site Variability. <i>MBio</i> , 2021 , e0225921	2.1	0
156	Phenol-Soluble Modulins Modulate Persister Cell Formation in. <i>Frontiers in Microbiology</i> , 2020 , 11, 5732537	3.7	7
155	PasT of Escherichia coli sustains antibiotic tolerance and aerobic respiration as a bacterial homolog of mitochondrial Coq10. <i>MicrobiologyOpen</i> , 2020 , 9, e1064	3.4	8
154	High persister cell formation by clinical strains belonging to clonal complex 30. <i>Microbiology (United Kingdom)</i> , 2020 , 166, 654-658	2.9	2
153	Ciprofloxacin-induced persister-cells in. <i>Microbiology (United Kingdom)</i> , 2020 , 166, 849-853	2.9	2
152	SosA in Staphylococci: an addition to the paradigm of membrane-localized, SOS-induced cell division inhibition in bacteria. <i>Current Genetics</i> , 2020 , 66, 495-499	2.9	4
151	Identification and molecular characterization of Staphylococcus aureus and multi-drug resistant MRSA from monkey faeces in China. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 1382-1387	4.2	1

150	Inhibition of the ATP synthase sensitizes <i>Staphylococcus aureus</i> towards human antimicrobial peptides. <i>Scientific Reports</i> , 2020 , 10, 11391	4.9	9
149	Human antimicrobial peptide, LL-37, induces non-inheritable reduced susceptibility to vancomycin in <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2020 , 10, 13121	4.9	3
148	Chitin Attenuates Expression of Virulence Genes. <i>Frontiers in Microbiology</i> , 2020 , 11, 588906	5.7	
147	Temperate Phages of. <i>Microbiology Spectrum</i> , 2019 , 7,	8.9	19
146	Effect of Co-inhabiting Coagulase Negative Staphylococci on Quorum Sensing, Host Factor Binding, and Biofilm Formation. <i>Frontiers in Microbiology</i> , 2019 , 10, 2212	5.7	15
145	<i>Punica granatum</i> sarcotesta lectin (PgTeL) has antibacterial activity and synergistic effects with antibiotics against β -lactamase-producing <i>Escherichia coli</i> . <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 931-939	7.9	9
144	Identification of autoinducing thiopeptides from staphylococci enabled by native chemical ligation. <i>Nature Chemistry</i> , 2019 , 11, 463-469	17.6	20
143	Antibiotic Resistance and the MRSA Problem. <i>Microbiology Spectrum</i> , 2019 , 7,	8.9	77
142	Antibacterial and antifungal properties of resveratrol. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 716-723	14.3	134
141	Microbiota encompassing putative spoilage bacteria in retail packaged broiler meat and commercial broiler abattoir. <i>International Journal of Food Microbiology</i> , 2019 , 300, 14-21	5.8	20
140	Exit tunnel modulation as resistance mechanism of <i>S. aureus</i> erythromycin resistant mutant. <i>Scientific Reports</i> , 2019 , 9, 11460	4.9	20
139	SosA inhibits cell division in <i>Staphylococcus aureus</i> in response to DNA damage. <i>Molecular Microbiology</i> , 2019 , 112, 1116-1130	4.1	12
138	Bacteriophages benefit from generalized transduction. <i>PLoS Pathogens</i> , 2019 , 15, e1007888	7.6	42
137	Comparison of Gene Expression Profiles of Uropathogenic CFT073 after Prolonged Exposure to Subinhibitory Concentrations of Different Biocides. <i>Antibiotics</i> , 2019 , 8,	4.9	3
136	Antimicrobial Resistance and Virulence Gene Profiles of Methicillin-Resistant and -Susceptible From Food Products in Denmark. <i>Frontiers in Microbiology</i> , 2019 , 10, 2681	5.7	18
135	Antibiotic Resistance and the MRSA Problem 2019 , 747-765		6
134	<i>Punica granatum</i> sarcotesta lectin (PgTeL) impairs growth, structure, viability, aggregation, and biofilm formation ability of <i>Staphylococcus aureus</i> clinical isolates. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 600-608	7.9	9
133	Prevalence and characterization of <i>Staphylococcus aureus</i> and <i>Staphylococcus argenteus</i> in chicken from retail markets in China. <i>Food Control</i> , 2019 , 96, 158-164	6.2	19

132	Linear peptidomimetics as potent antagonists of <i>Staphylococcus aureus</i> agr quorum sensing. <i>Scientific Reports</i> , 2018 , 8, 3562	4.9	12
131	Vancomycin resistance in <i>Enterococcus faecium</i> isolated from Danish chicken meat is located on a pVEF4-like plasmid persisting in poultry for 18 years. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 283-286	14.3	12
130	Structural basis for (p)ppGpp synthesis by the small alarmone synthetase RelP. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3254-3264	5.4	31
129	Lactam hybrid analogues of solonamide B and autoinducing peptides as potent <i>S. aureus</i> AgrC antagonists. <i>European Journal of Medicinal Chemistry</i> , 2018 , 152, 370-376	6.8	14
128	Multiple pathways towards reduced membrane potential and concomitant reduction in aminoglycoside susceptibility in <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 132-135	14.3	9
127	The agr quorum sensing system in <i>Staphylococcus aureus</i> cells mediates death of sub-population. <i>BMC Research Notes</i> , 2018 , 11, 503	2.3	8
126	Quorum Sensing-Regulated Phenol-Soluble Modulins Limit Persister Cell Populations in. <i>Frontiers in Microbiology</i> , 2018 , 9, 255	5.7	28
125	Inactivation of TCA cycle enhances <i>Staphylococcus aureus</i> persister cell formation in stationary phase. <i>Scientific Reports</i> , 2018 , 8, 10849	4.9	42
124	Resveratrol enhances the efficacy of aminoglycosides against <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 390-396	14.3	25
123	Application of an agr-Specific Antivirulence Compound as Therapy for <i>Staphylococcus aureus</i> -Induced Inflammatory Skin Disease. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1009-1013	7	19
122	Aggregating resistant <i>Staphylococcus aureus</i> induces hypocoagulability, hyperfibrinolysis, phagocytosis, and neutrophil, monocyte, and lymphocyte binding in canine whole blood. <i>Veterinary Clinical Pathology</i> , 2018 , 47, 560-574	1	3
121	Communications of <i>Staphylococcus aureus</i> and non-aureus <i>Staphylococcus</i> species from bovine intramammary infections and teat apex colonization. <i>Journal of Dairy Science</i> , 2018 , 101, 7322-7333	4	23
120	Methicillin-resistant and -susceptible <i>Staphylococcus aureus</i> from retail meat in Denmark. <i>International Journal of Food Microbiology</i> , 2017 , 249, 72-76	5.8	47
119	Transfer of Antibiotic Resistance in <i>Staphylococcus aureus</i> . <i>Trends in Microbiology</i> , 2017 , 25, 893-905	12.4	91
118	Protocols for Screening Antimicrobial Peptides That Influence Virulence Gene Expression in <i>Staphylococcus aureus</i> . <i>Methods in Molecular Biology</i> , 2017 , 1548, 387-394	1.4	4
117	Structure-Activity Relationship Study Based on Autoinducing Peptide (AIP) from Dog Pathogen <i>S. schleiferi</i> . <i>Organic Letters</i> , 2017 , 19, 5276-5279	6.2	16
116	A broad range quorum sensing inhibitor working through sRNA inhibition. <i>Scientific Reports</i> , 2017 , 7, 9857	4.9	45
115	Chitinase Expression in <i>Listeria monocytogenes</i> Is Influenced by , Which Encodes an Internalin-Like Protein. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	4

114	Inhibition of the ATP Synthase Eliminates the Intrinsic Resistance of towards Polymyxins. <i>MBio</i> , 2017 , 8,	7.8	46
113	The Ribosomal Protein uL22 Modulates the Shape of the Protein Exit Tunnel. <i>Structure</i> , 2017 , 25, 1233-1241.e313	3.4	13
112	Antimicrobial peptide exposure selects for <i>Staphylococcus aureus</i> resistance to human defence peptides. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 115-127	5.1	46
111	Commercial Biocides Induce Transfer of Prophage ϕ 3 from Human Strains of to Livestock CC398. <i>Frontiers in Microbiology</i> , 2017 , 8, 2418	5.7	15
110	Susceptibility of vancomycin-resistant and -sensitive <i>Enterococcus faecium</i> obtained from Danish hospitals to benzalkonium chloride, chlorhexidine and hydrogen peroxide biocides. <i>Journal of Medical Microbiology</i> , 2017 , 66, 1744-1751	3.2	23
109	Rifampin Resistance <i>rpoB</i> Alleles or Multicopy Thioredoxin/Thioredoxin Reductase Suppresses the Lethality of Disruption of the Global Stress Regulator <i>spx</i> in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2016 , 198, 2719-31	3.5	16
108	Bacterial viruses enable their host to acquire antibiotic resistance genes from neighbouring cells. <i>Nature Communications</i> , 2016 , 7, 13333	17.4	110
107	The lysine-peptoid hybrid LP5 maintain activity under physiological conditions and affects virulence gene expression in <i>Staphylococcus aureus</i> . <i>Peptides</i> , 2016 , 78, 24-9	3.8	2
106	Evolution of metabolic divergence in <i>Pseudomonas aeruginosa</i> during long-term infection facilitates a proto-cooperative interspecies interaction. <i>ISME Journal</i> , 2016 , 10, 1323-36	11.9	47
105	Antibiotic combination therapy can select for broad-spectrum multidrug resistance in <i>Pseudomonas aeruginosa</i> . <i>International Journal of Antimicrobial Agents</i> , 2016 , 47, 48-55	14.3	46
104	D-Alanylation of Teichoic Acids and Loss of Poly-N-Acetyl Glucosamine in <i>Staphylococcus aureus</i> during Exponential Growth Phase Enhance IL-12 Production in Murine Dendritic Cells. <i>PLoS ONE</i> , 2016 , 11, e0149092	3.7	10
103	Streptokinase Treatment Reverses Biofilm-Associated Antibiotic Resistance in <i>Staphylococcus aureus</i> . <i>Microorganisms</i> , 2016 , 4,	4.9	10
102	The Gene Has Recently Spread between Rolling Circle Plasmids of , Indicative of a Novel Gene Transfer Mechanism. <i>Frontiers in Microbiology</i> , 2016 , 7, 1528	5.7	10
101	Cross-Talk between and Other <i>Staphylococcal</i> Species via the Quorum Sensing System. <i>Frontiers in Microbiology</i> , 2016 , 7, 1733	5.7	50
100	Novel Pathways for Ameliorating the Fitness Cost of Gentamicin Resistant Small Colony Variants. <i>Frontiers in Microbiology</i> , 2016 , 7, 1866	5.7	12
99	Glucose Metabolism via the Entner-Doudoroff Pathway in : A Rare Trait that Enhances Survival and Promotes Biofilm Formation in Some Isolates. <i>Frontiers in Microbiology</i> , 2016 , 7, 1877	5.7	21
98	Genome-Wide Identification of Antimicrobial Intrinsic Resistance Determinants in. <i>Frontiers in Microbiology</i> , 2016 , 7, 2018	5.7	27
97	The agr Inhibitors Solonamide B and Analogues Alter Immune Responses to <i>Staphylococcus aureus</i> but Do Not Exhibit Adverse Effects on Immune Cell Functions. <i>PLoS ONE</i> , 2016 , 11, e0145618	3.7	26

96	Norlichexanthone Reduces Virulence Gene Expression and Biofilm Formation in <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2016 , 11, e0168305	3.7	36
95	Characterization of CRISPR-Cas system in clinical <i>Staphylococcus epidermidis</i> strains revealed its potential association with bacterial infection sites. <i>Microbiological Research</i> , 2016 , 193, 103-110	5.3	17
94	Catalase Expression Is Modulated by Vancomycin and Ciprofloxacin and Influences the Formation of Free Radicals in <i>Staphylococcus aureus</i> Cultures. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6393-8	4.8	8
93	Proteomic analyses of iron-responsive, Clp-dependent changes in <i>Staphylococcus aureus</i> . <i>Pathogens and Disease</i> , 2015 , 73,	4.2	8
92	Biocide Susceptibility of <i>Staphylococcus aureus</i> CC398 and CC30 Isolates from Pigs and Identification of the Biocide Resistance Genes, <i>qacG</i> and <i>qacC</i> . <i>Microbial Drug Resistance</i> , 2015 , 21, 527-36 ⁹	3.9	17
91	Review and phylogenetic analysis of <i>qac</i> genes that reduce susceptibility to quaternary ammonium compounds in <i>Staphylococcus</i> species. <i>European Journal of Microbiology and Immunology</i> , 2015 , 5, 44-61	4.6	90
90	Activation of the SOS response increases the frequency of small colony variants. <i>BMC Research Notes</i> , 2015 , 8, 749	2.3	20
89	Reversible antibiotic tolerance induced in <i>Staphylococcus aureus</i> by concurrent drug exposure. <i>MBio</i> , 2015 , 6,	7.8	34
88	Reply to "ToleranceSof misused terminology? Enforcing standardized phenotypic definitions". <i>MBio</i> , 2015 , 6, e00567-15	7.8	
87	Dereplication-guided isolation of depsides thielavins S-T and lecanorins D-F from the endophytic fungus <i>Setophoma</i> sp. <i>Phytochemistry</i> , 2015 , 111, 154-62	4	12
86	A diverse range of bacterial and eukaryotic chitinases hydrolyzes the LacNAc (Gal β -4GlcNAc) and LacdiNAc (GalNAc β -4GlcNAc) motifs found on vertebrate and insect cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 5354-66	5.4	18
85	Amphibian antimicrobial peptide fallaxin analogue FL9 affects virulence gene expression and DNA replication in <i>Staphylococcus aureus</i> . <i>Journal of Medical Microbiology</i> , 2015 , 64, 1504-1513	3.2	14
84	Microbes versus microbes: control of pathogens in the food chain. <i>Journal of the Science of Food and Agriculture</i> , 2014 , 94, 3079-89	4.3	29
83	<i>Staphylococcus aureus</i> alters growth activity, autolysis, and antibiotic tolerance in a human host-adapted <i>Pseudomonas aeruginosa</i> lineage. <i>Journal of Bacteriology</i> , 2014 , 196, 3903-11	3.5	41
82	Persistence of foodborne pathogens and their control in primary and secondary food production chains. <i>Food Control</i> , 2014 , 44, 92-109	6.2	82
81	Total synthesis and structural validation of cyclodepsipeptides solonamide A and B. <i>Tetrahedron</i> , 2014 , 70, 7721-7732	2.4	15
80	Bactericidal antibiotics increase hydroxyphenyl fluorescein signal by altering cell morphology. <i>PLoS ONE</i> , 2014 , 9, e92231	3.7	22
79	Clp chaperones and proteases are central in stress survival, virulence and antibiotic resistance of <i>Staphylococcus aureus</i> . <i>International Journal of Medical Microbiology</i> , 2014 , 304, 142-9	3.7	101

78	Solonamide B inhibits quorum sensing and reduces <i>Staphylococcus aureus</i> mediated killing of human neutrophils. <i>PLoS ONE</i> , 2014 , 9, e84992	3.7	79
77	Presence and analysis of plasmids in human and animal associated arcobacter species. <i>PLoS ONE</i> , 2014 , 9, e85487	3.7	20
76	Chitinase expression in <i>Listeria monocytogenes</i> is positively regulated by the Agr system. <i>PLoS ONE</i> , 2014 , 9, e95385	3.7	20
75	Recently introduced qacA/B genes in <i>Staphylococcus epidermidis</i> do not increase chlorhexidine MIC/MBC. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2226-33	5.1	23
74	Regulation of host hemoglobin binding by the <i>Staphylococcus aureus</i> Clp proteolytic system. <i>Journal of Bacteriology</i> , 2013 , 195, 5041-50	3.5	32
73	Modes of action of three disinfectant active substances: a review. <i>Regulatory Toxicology and Pharmacology</i> , 2013 , 67, 456-67	3.4	146
72	The antimicrobial lysine-peptoid hybrid LP5 inhibits DNA replication and induces the SOS response in <i>Staphylococcus aureus</i> . <i>BMC Microbiology</i> , 2013 , 13, 192	4.5	26
71	Multilocus sequence typing and biocide tolerance of <i>Arcobacter butzleri</i> from Danish broiler carcasses. <i>BMC Research Notes</i> , 2013 , 6, 322	2.3	37
70	Trapping and proteomic identification of cellular substrates of the ClpP protease in <i>Staphylococcus aureus</i> . <i>Journal of Proteome Research</i> , 2013 , 12, 547-58	5.6	76
69	ClpP-dependent and -independent activities encoded by the polycistronic clpK-encoding locus contribute to heat shock survival in <i>Klebsiella pneumoniae</i> . <i>Research in Microbiology</i> , 2013 , 164, 205-10	4	10
68	Bacterial proteases and virulence. <i>Sub-Cellular Biochemistry</i> , 2013 , 66, 161-92	5.5	79
67	Initial adhesion of <i>Listeria monocytogenes</i> to fine polished stainless steel under flow conditions is determined by prior growth conditions. <i>International Journal of Food Microbiology</i> , 2013 , 165, 35-42	5.8	16
66	Bacterial chitinases and chitin-binding proteins as virulence factors. <i>Microbiology (United Kingdom)</i> , 2013 , 159, 833-847	2.9	122
65	A comparative study of fine polished stainless steel, TiN and TiN/Ag surfaces: adhesion and attachment strength of <i>Listeria monocytogenes</i> as well as anti-listerial effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 109, 190-6	6	14
64	<i>Listeria monocytogenes</i> strains encoding premature stop codons in inlA invade mice and guinea pig fetuses in orally dosed dams. <i>Journal of Medical Microbiology</i> , 2013 , 62, 1799-1806	3.2	17
63	<i>Staphylococcus aureus</i> but not <i>Listeria monocytogenes</i> adapt to triclosan and adaptation correlates with increased fabI expression and agr deficiency. <i>BMC Microbiology</i> , 2013 , 13, 177	4.5	14
62	Identification of four new agr quorum sensing-interfering cyclodepsipeptides from a marine Photobacterium. <i>Marine Drugs</i> , 2013 , 11, 5051-62	6	37
61	Antibiotic-mediated selection of quorum-sensing-negative <i>Staphylococcus aureus</i> . <i>MBio</i> , 2013 , 3, e00459-12	4.8	46

60	Staphylococcus epidermidis isolated in 1965 are more susceptible to triclosan than current isolates. <i>PLoS ONE</i> , 2013 , 8, e62197	3.7	21
59	Diverse modulation of spa transcription by cell wall active antibiotics in Staphylococcus aureus. <i>BMC Research Notes</i> , 2012 , 5, 457	2.3	12
58	Planktonic aggregates of Staphylococcus aureus protect against common antibiotics. <i>PLoS ONE</i> , 2012 , 7, e41075	3.7	89
57	Natural transformation of Campylobacter jejuni occurs beyond limits of growth. <i>PLoS ONE</i> , 2012 , 7, e45467	3.7	23
56	Nigribactin, a novel siderophore from Vibrio nigripulchritudo, modulates Staphylococcus aureus virulence gene expression. <i>Marine Drugs</i> , 2012 , 10, 2584-95	6	20
55	Influence of flow direction and flow rate on the initial adhesion of seven Listeria monocytogenes strains to fine polished stainless steel. <i>International Journal of Food Microbiology</i> , 2012 , 157, 174-81	5.8	12
54	The YjbH adaptor protein enhances proteolysis of the transcriptional regulator Spx in Staphylococcus aureus. <i>Journal of Bacteriology</i> , 2012 , 194, 1186-94	3.5	44
53	Modeling the growth of Listeria monocytogenes in soft blue-white cheese. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 8508-14	4.8	29
52	Inhibition of virulence gene expression in Staphylococcus aureus by novel depsipeptides from a marine photobacterium. <i>Marine Drugs</i> , 2011 , 9, 2537-52	6	95
51	Campylobacter jejuni induces an anti-inflammatory response in human intestinal epithelial cells through activation of phosphatidylinositol 3-kinase/Akt pathway. <i>Veterinary Microbiology</i> , 2011 , 148, 75-83	3.3	16
50	Challenges of Campylobacter jejuni in poultry production. <i>International Journal of Food Microbiology</i> , 2011 , 145 Suppl 1, S110	5.8	4
49	Clp-dependent proteolysis of the LexA N-terminal domain in Staphylococcus aureus. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 677-684	2.9	18
48	The chaperone ClpX stimulates expression of Staphylococcus aureus protein A by Rot dependent and independent pathways. <i>PLoS ONE</i> , 2010 , 5, e12752	3.7	32
47	Method for screening compounds that influence virulence gene expression in Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 509-12	5.9	36
46	Listeria monocytogenes efficiently invades Caco-2 cells after low-temperature storage in broth and on deli meat. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 1013-8	3.8	12
45	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. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 3391-7	4.8	14
44	Dps and Bacterial Chromatin 2010 , 175-201		3
43	Influence of sublethal concentrations of common disinfectants on expression of virulence genes in Listeria monocytogenes. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 303-9	4.8	47

42	Growth phase-dependent regulation of the global virulence regulator Rot in clinical isolates of <i>Staphylococcus aureus</i> . <i>International Journal of Medical Microbiology</i> , 2010 , 300, 229-36	3.7	25
41	The heme sensing response regulator HssR in <i>Staphylococcus aureus</i> but not the homologous RR23 in <i>Listeria monocytogenes</i> modulates susceptibility to the antimicrobial peptide plectasin. <i>BMC Microbiology</i> , 2010 , 10, 307	4.5	16
40	Heat resistance mediated by a new plasmid encoded Clp ATPase, ClpK, as a possible novel mechanism for nosocomial persistence of <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2010 , 5, e15467	3.7	50
39	Energy taxis drives <i>Campylobacter jejuni</i> toward the most favorable conditions for growth. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 5308-14	4.8	70
38	Growth and survival at chiller temperatures of <i>Arcobacter butzleri</i> . <i>International Journal of Food Microbiology</i> , 2009 , 131, 256-9	5.8	43
37	Proteases in bacterial pathogenesis. <i>Research in Microbiology</i> , 2009 , 160, 704-10	4	133
36	Cytokine responses in primary chicken embryo intestinal cells infected with <i>Campylobacter jejuni</i> strains of human and chicken origin and the expression of bacterial virulence-associated genes. <i>BMC Microbiology</i> , 2008 , 8, 107	4.5	40
35	Antimicrobial peptides effectively kill a broad spectrum of <i>Listeria monocytogenes</i> and <i>Staphylococcus aureus</i> strains independently of origin, sub-type, or virulence factor expression. <i>BMC Microbiology</i> , 2008 , 8, 205	4.5	38
34	Processing plant persistent strains of <i>Listeria monocytogenes</i> appear to have a lower virulence potential than clinical strains in selected virulence models. <i>International Journal of Food Microbiology</i> , 2008 , 123, 254-61	5.8	37
33	Sodium chloride enhances adherence and aggregation and strain variation influences invasiveness of <i>Listeria monocytogenes</i> strains. <i>Journal of Food Protection</i> , 2007 , 70, 592-9	2.5	61
32	Clp ATPases and ClpP proteolytic complexes regulate vital biological processes in low GC, Gram-positive bacteria. <i>Molecular Microbiology</i> , 2007 , 63, 1285-95	4.1	218
31	Contribution of conserved ATP-dependent proteases of <i>Campylobacter jejuni</i> to stress tolerance and virulence. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 7803-13	4.8	42
30	Proteolytic systems of lactic acid bacteria. <i>Applied Microbiology and Biotechnology</i> , 2006 , 71, 394-406	5.7	387
29	<i>Caenorhabditis elegans</i> is a model host for <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , 2006 , 72, 1700-1	4.8	61
28	Spx is a global effector impacting stress tolerance and biofilm formation in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2006 , 188, 4861-70	3.5	122
27	The response regulator ResD modulates virulence gene expression in response to carbohydrates in <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2006 , 61, 1622-35	4.1	50
26	<i>Staphylococcus aureus</i> ClpYQ plays a minor role in stress survival. <i>Archives of Microbiology</i> , 2005 , 183, 286-91	3	24
25	Global virulence regulation in <i>Staphylococcus aureus</i> : pinpointing the roles of ClpP and ClpX in the sar/agr regulatory network. <i>Infection and Immunity</i> , 2005 , 73, 8100-8	3.7	91

24	Diverse roles for HspR in <i>Campylobacter jejuni</i> revealed by the proteome, transcriptome and phenotypic characterization of an hspR mutant. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 905-915	2.9	50
23	The HtrA protease of <i>Campylobacter jejuni</i> is required for heat and oxygen tolerance and for optimal interaction with human epithelial cells. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 3205-12	4.8	77
22	The Dps-like protein Fri of <i>Listeria monocytogenes</i> promotes stress tolerance and intracellular multiplication in macrophage-like cells. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 925-933	2.9	80
21	The RNA-binding protein Hfq of <i>Listeria monocytogenes</i> : role in stress tolerance and virulence. <i>Journal of Bacteriology</i> , 2004 , 186, 3355-62	3.5	214
20	Clp ATPases are required for stress tolerance, intracellular replication and biofilm formation in <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2004 , 54, 1445-62	4.1	225
19	SOS response induction by beta-lactams and bacterial defense against antibiotic lethality. <i>Science</i> , 2004 , 305, 1629-31	33.3	405
18	Identification of proteins induced at low pH in <i>Lactococcus lactis</i> . <i>International Journal of Food Microbiology</i> , 2003 , 87, 293-300	5.8	75
17	kdpE and a putative RsbQ homologue contribute to growth of <i>Listeria monocytogenes</i> at high osmolarity and low temperature. <i>FEMS Microbiology Letters</i> , 2003 , 219, 233-9	2.9	42
16	Reduced amounts of LPS affect both stress tolerance and virulence of <i>Salmonella enterica</i> serovar Dublin. <i>FEMS Microbiology Letters</i> , 2003 , 228, 225-31	2.9	28
15	Heat and DNA damage induction of the LexA-like regulator HdiR from <i>Lactococcus lactis</i> is mediated by RecA and ClpP. <i>Molecular Microbiology</i> , 2003 , 50, 609-21	4.1	43
14	Alternative roles of ClpX and ClpP in <i>Staphylococcus aureus</i> stress tolerance and virulence. <i>Molecular Microbiology</i> , 2003 , 48, 1565-78	4.1	227
13	DpiA binding to the replication origin of <i>Escherichia coli</i> plasmids and chromosomes destabilizes plasmid inheritance and induces the bacterial SOS response. <i>Journal of Bacteriology</i> , 2003 , 185, 6025-31	3.5	27
12	CesRK, a two-component signal transduction system in <i>Listeria monocytogenes</i> , responds to the presence of cell wall-acting antibiotics and affects beta-lactam resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 3421-9	5.9	61
11	ClpE from <i>Lactococcus lactis</i> promotes repression of CtsR-dependent gene expression. <i>Journal of Bacteriology</i> , 2003 , 185, 5117-24	3.5	22
10	Noninvasive measurement of bacterial intracellular pH on a single-cell level with green fluorescent protein and fluorescence ratio imaging microscopy. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 4145-7	4.8	56
9	Inactivation of a gene that is highly conserved in Gram-positive bacteria stimulates degradation of non-native proteins and concomitantly increases stress tolerance in <i>Lactococcus lactis</i> . <i>Molecular Microbiology</i> , 2001 , 41, 93-103	4.1	48
8	The RepA protein of plasmid pSC101 controls <i>Escherichia coli</i> cell division through the SOS response. <i>Molecular Microbiology</i> , 2001 , 42, 519-26	4.1	18
7	<i>Listeria monocytogenes</i> response regulators important for stress tolerance and pathogenesis. <i>FEMS Microbiology Letters</i> , 2001 , 204, 111-5	2.9	88

6	ctsR of <i>Lactococcus lactis</i> encodes a negative regulator of clp gene expression. <i>Microbiology (United Kingdom)</i> , 2000 , 146 (Pt 6), 1447-1455	2.9	47
5	ClpP participates in the degradation of misfolded protein in <i>Lactococcus lactis</i> . <i>Molecular Microbiology</i> , 1999 , 31, 79-87	4.1	114
4	Disruption and analysis of the clpB, clpC, and clpE genes in <i>Lactococcus lactis</i> : ClpE, a new Clp family in gram-positive bacteria. <i>Journal of Bacteriology</i> , 1999 , 181, 2075-83	3.5	47
3	Destabilized inheritance of pSC101 and other <i>Escherichia coli</i> plasmids by DpiA, a novel two-component system regulator. <i>Molecular Microbiology</i> , 1998 , 29, 49-59	4.1	31
2	H-NS: a modulator of environmentally regulated gene expression. <i>Molecular Microbiology</i> , 1997 , 24, 7-17	4.1	421
1	Monomer-dimer equilibrium of the pSC101 RepA protein. <i>Journal of Molecular Biology</i> , 1995 , 250, 309-14	4.5	23