Werner Goebel

List of Publications by Year
in descending order

108 papers	9,333 citations	38742 50 h-index	40979 93 g-index
108 all docs	108 docs citations	108 times ranked	6102 citing authors

#	Article	IF	Citations
1	<i>Listeria</i>Pathogenesis and Molecular Virulence Determinants. Clinical Microbiology Reviews, 2001, 14, 584-640.	13.6	1,892
2	Molecular determinants of Listeria monocytogenes pathogenesis. Infection and Immunity, 1992, 60, 1263-1267.	2.2	589
3	Carbon metabolism of intracellular bacterial pathogens and possible links to virulence. Nature Reviews Microbiology, 2010, 8, 401-412.	28.6	338
4	Identification of Listeria monocytogenes Genes Contributing to Intracellular Replication by Expression Profiling and Mutant Screening. Journal of Bacteriology, 2006, 188, 556-568.	2.2	286
5	Delivery of antigen-encoding plasmid DNA into the cytosol of macrophages by attenuated suicide Listeria monocytogenes. Nature Biotechnology, 1998, 16, 181-185.	17.5	238
6	Hpt, a bacterial homolog of the microsomal glucose- 6-phosphate translocase, mediates rapid intracellular proliferation in Listeria. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 431-436.	7.1	232
7	Pathogenicity islands and virulence evolution in Listeria. Microbes and Infection, 2001, 3, 571-584.	1.9	207
8	Interaction of<i>Listeria monocytogenes</i>with Human Brain Microvascular Endothelial Cells: InlB-Dependent Invasion, Long-Term Intracellular Growth, and Spread from Macrophages to Endothelial Cells. Infection and Immunity, 1998, 66, 5260-5267.	2.2	187
9	The gene coding for protein p60 of Listeria monocytogenes and its use as a specific probe for Listeria monocytogenes. Infection and Immunity, 1990, 58, 1943-1950.	2.2	176
10	A new PrfA-regulated gene ofListeria monocytogenesencoding a small, secreted protein which belongs to the family of internalins. Molecular Microbiology, 1996, 21, 823-837.	2.5	170
11	Metabolic host responses to infection by intracellular bacterial pathogens. Frontiers in Cellular and Infection Microbiology, 2013, 3, 24.	3.9	169
12	The bacterial virulence factor InlC perturbs apical cell junctions and promotes cell-to-cell spread of Listeria. Nature Cell Biology, 2009, 11, 1212-1218.	10.3	168
13	How Viral and Intracellular Bacterial Pathogens Reprogram the Metabolism of Host Cells to Allow Their Intracellular Replication. Frontiers in Cellular and Infection Microbiology, 2019, 9, 42.	3.9	149
14	Intracellular endosymbiotic bacteria of Camponotus species (carpenter ants): systematics, evolution and ultrastructural characterization. Molecular Microbiology, 1996, 21, 479-489.	2.5	142
15	Carbon metabolism of <i>Listeria monocytogenes</i> growing inside macrophages. Molecular Microbiology, 2008, 69, 1008-1017.	2.5	123
16	Transcriptional regulation of prfA and PrfA-regulated virulence genes in Listeria monocytogenes. Molecular Microbiology, 1994, 11, 1141-1150.	2.5	121
17	Deletion of the Gene Encoding p60 in<i>Listeria monocytogenes</i>Leads to Abnormal Cell Division and Loss of Actin-Based Motility. Infection and Immunity, 2003, 71, 3473-3484.	2.2	121
18	Glycerol Metabolism and PrfA Activity in<i>Listeria monocytogenes</i>. Journal of Bacteriology, 2008, 190, 5412-5430.	2.2	118

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19	Evolutionary history of the genus Listeria and its virulence genes. Systematic and Applied Microbiology, 2005, 28, 1-18.	2.8	116
20	Surface-associated, PrfA-regulated proteins of Listeria monocytogenes synthesized under stress conditions. Molecular Microbiology, 1993, 8, 219-227.	2.5	113
21	Specific binding of the Listeria monocytogenes transcriptional regulator PrfA to target sequences requires additional factor(s) and is influenced by iron. Molecular Microbiology, 1996, 22, 643-653.	2.5	102
22	Analysis of the SlyA-controlled expression, subcellular localization and pore-forming activity of a 34 kDa haemolysin (ClyA) from Escherichia coli K-12. Molecular Microbiology, 1999, 31, 557-567.	2.5	100
23	The virulence regulator protein of Listeria ivanovii is highly homologous to PrfA from Listeria monocytogenes and both belong to the Crp-Fnr family of transcription regulators. Molecular Microbiology, 1994, 13, 141-151.	2.5	98
24	Metabolic adaptation of human pathogenic and related nonpathogenic bacteria to extra- and intracellular habitats. FEMS Microbiology Reviews, 2012, 36, 435-462.	8.6	98
25	Bacteria as DNA vaccine carriers for genetic immunization. International Journal of Medical Microbiology, 2004, 294, 319-335.	3.6	97
26	Listeria monocytogenes -Infected Human Dendritic Cells: Uptake and Host Cell Response. Infection and Immunity, 2000, 68, 3680-3688.	2.2	95
27	Growth, Virulence, and Immunogenicity of Listeria monocytogenes aro Mutants. Infection and Immunity, 2004, 72, 5622-5629.	2.2	89
28	Whole-Genome Sequence of Listeria welshimeri Reveals Common Steps in Genome Reduction with Listeria innocua as Compared to Listeria monocytogenes. Journal of Bacteriology, 2006, 188, 7405-7415.	2.2	89
29	13C isotopologue perturbation studies ofListeria monocytogenescarbon metabolism and its modulation by the virulence regulator PrfA. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2040-2045.	7.1	89
30	Interference of Components of the Phosphoenolpyruvate Phosphotransferase System with the Central Virulence Gene Regulator PrfA of Listeria monocytogenes. Journal of Bacteriology, 2007, 189, 473-490.	2.2	88
31	Comparative genomics and transcriptomics of lineages I, II, and III strains of Listeria monocytogenes. BMC Genomics, 2012, 13, 144.	2.8	88
32	Pathogenomics of Listeria spp.. International Journal of Medical Microbiology, 2007, 297, 541-557.	3.6	84
33	Development of antigen-delivery systems, based on the Escherichia coli hemolysin secretion pathway. Gene, 1996, 179, 133-140.	2.2	78
34	InlA- but not InlB-mediated internalization ofListeria monocytogenesby non-phagocytic mammalian cells needs the support of other internalins. Molecular Microbiology, 2002, 43, 557-570.	2.5	77
35	The major PEP-phosphotransferase systems (PTSs) for glucose, mannose and cellobiose of Listeria monocytogenes, and their significance for extra- and intracellular growth. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	76
36	Functional Similarities between the <i>Listeria monocytogenes</i> Virulence Regulator PrfA and Cyclic AMP Receptor Protein: the PrfA* (Gly145Ser) Mutation Increases Binding Affinity for Target DNA. Journal of Bacteriology, 1998, 180, 6655-6660.	2.2	75

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37	SigB-Dependent In Vitro Transcription of prfA and Some Newly Identified Genes of Listeria monocytogenes Whose Expression Is Affected by PrfA In Vivo. Journal of Bacteriology, 2005, 187, 800-804.	2.2	72
38	Differential regulation of the virulence genes of Listeria monocytogenes by the transcriptional activator PrfA. Molecular Microbiology, 1996, 20, 1189-1198.	2.5	71
39	Gene disruption by plasmid integration in Listeria monocytogenes: Insertional inactivation of the listeriolysin determinant lisA. Molecular Genetics and Genomics, 1991, 228, 177-182.	2.4	69
40	Bacterial replication in the host cell cytosol. Current Opinion in Microbiology, 2000, 3, 49-53.	5.1	69
41	New Listeria monocytogenes prfA* mutants, transcriptional properties of PrfA* proteins and structure-function of the virulence regulator PrfA. Molecular Microbiology, 2004, 52, 1553-1565.	2.5	66
42	Pyruvate Carboxylase Plays a Crucial Role in Carbon Metabolism of Extra- and Intracellularly Replicating<i>Listeria monocytogenes</i>. Journal of Bacteriology, 2010, 192, 1774-1784.	2.2	66
43	Analysis of carbon substrates used by Listeria monocytogenes during growth in J774A.1 macrophages suggests a bipartite intracellular metabolism. Frontiers in Cellular and Infection Microbiology, 2014, 4, 156.	3.9	65
44	Life of Listeria monocytogenes in the host cells' cytosol. Microbes and Infection, 2007, 9, 1188-1195.	1.9	64
45	Carbon Metabolism of Enterobacterial Human Pathogens Growing in Epithelial Colorectal Adenocarcinoma (Caco-2) Cells. PLoS ONE, 2010, 5, e10586.	2.5	64
46	Microbial Strategies to Prevent Oxygen-Dependent Killing by Phagocytes. Free Radical Research Communications, 1992, 16, 137-157.	1.8	59
47	Recombinant attenuated bacteria for the delivery of subunit vaccines. Vaccine, 2001, 19, 2621-2628.	3.8	59
48	Maltose and Maltodextrin Utilization by Listeria monocytogenes Depend on an Inducible ABC Transporter which Is Repressed by Glucose. PLoS ONE, 2010, 5, e10349.	2.5	58
49	A gene encoding a Superoxide dismutase of the facultative intracellular bacterium Listeria monocytogenes. Gene, 1992, 118, 121-125.	2.2	53
50	Production, purification and characterization of hemolysins from Listeria ivanovii and Listeria monocytogenes Sv4b. FEMS Microbiology Letters, 1989, 57, 197-202.	1.8	52
51	Modulation of PrfA activity in Listeria monocytogenes upon growth in different culture media. Microbiology (United Kingdom), 2008, 154, 3856-3876.	1.8	52
52	Metabolic Adaptations of Intracelllular Bacterial Pathogens and their Mammalian Host Cells during Infection (â€œPathometabolismâ€). Microbiology Spectrum, 2015, 3, .	3.0	52
53	Deciphering the intracellular metabolism of Listeria monocytogenes by mutant screening and modelling. BMC Genomics, 2010, 11, 573.	2.8	51
54	Pathway analysis using ¹³Câ€glycerol and other carbon tracers reveals a bipartite metabolism of <i>Legionella pneumophila</i>. Molecular Microbiology, 2016, 100, 229-246.	2.5	51

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55	Differential interaction of the transcription factor PrfA and the PrfAâ€activating factor (Paf) ofListeria monocytogeneswith target sequences. Molecular Microbiology, 1998, 27, 915-928.	2.5	49
56	Metabolic adaptation of <i>Chlamydia trachomatis</i> to mammalian host cells. Molecular Microbiology, 2017, 103, 1004-1019.	2.5	46
57	To Eat and to Be Eaten: Mutual Metabolic Adaptations of Immune Cells and Intracellular Bacterial Pathogens upon Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 316.	3.9	45
58	A novel PrfA-regulated chromosomal locus, which is specific forListeria ivanovii, encodes two small, secreted internalins and contributes to virulence in mice. Molecular Microbiology, 1998, 30, 405-417.	2.5	43
59	Metabolic Responses of Primary and Transformed Cells to Intracellular Listeria monocytogenes. PLoS ONE, 2012, 7, e52378.	2.5	43
60	Bacterial delivery of functional messenger RNA to mammalian cells. Cellular Microbiology, 2005, 7, 709-724.	2.1	42
61	Comparison of Different Live Vaccine Strategies In Vivo for Delivery of Protein Antigen or Antigen-Encoding DNA and mRNA by Virulence-Attenuated Listeria monocytogenes. Infection and Immunity, 2006, 74, 3946-3957.	2.2	41
62	Characterization of a Listeria monocytogenes-specific protein capable of inducing delayed hypersensitivity in Listeria-immune mice. Molecular Microbiology, 1990, 4, 1091-1099.	2.5	40
63	Interaction of Listeria monocytogenes with Human Brain Microvascular Endothelial Cells: an Electron Microscopic Study. Infection and Immunity, 2000, 68, 3275-3279.	2.2	40
64	Glucose and glucose 6-phosphate as carbon sources in extra- and intracellular growth of enteroinvasive Escherichia coli and Salmonella enterica. Microbiology (United Kingdom), 2010, 156, 1176-1187.	1.8	40
65	Listeria monocytogenes-infected human umbilical vein endothelial cells: internalin-independent invasion, intracellular growth, movement, and host cell responses. FEMS Microbiology Letters, 2006, 157, 163-170.	1.8	39
66	Interaction ofListeria monocytogeneswith the intestinal epithelium. FEMS Microbiology Letters, 2000, 190, 323-328.	1.8	38
67	Inefficient Replication ofListeria innocuain the Cytosol of Mammalian Cells. Journal of Infectious Diseases, 2004, 189, 393-401.	4.0	38
68	Metabolic Adaptations of Intracellullar Bacterial Pathogens and their Mammalian Host Cells during Infection (â€œPathometabolismâ€). , 0, , 27-58.		38
69	Enhanced Synthesis of Internalin A in aro Mutants of Listeria monocytogenes Indicates Posttranscriptional Control of the inlAB mRNA. Journal of Bacteriology, 2005, 187, 2836-2845.	2.2	37
70	Listeria monocytogenes as novel carrier system for the development of live vaccines. International Journal of Medical Microbiology, 2008, 298, 45-58.	3.6	31
71	LaXp180, a mammalian ActA-binding protein, identified with the yeast two-hybrid system, co-localizes with intracellular Listeria monocytogenes. Cellular Microbiology, 2000, 2, 101-114.	2.1	30
72	PrfA mediates specific binding of RNA polymerase of Listeria monocytogenes to PrfA-dependent virulence gene promoters resulting in a transcriptionally active complex. Molecular Microbiology, 2000, 36, 487-497.	2.5	29

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73	In vitro transcription of the Listeria monocytogenes virulence genes inlC and mpl reveals overlapping PrfA-dependent and -independent promoters that are differentially activated by GTP. Molecular Microbiology, 2004, 52, 39-52.	2.5	29
74	Host cell signalling during Listeria monocytogenes infection. Trends in Microbiology, 1998, 6, 11-15.	7.7	28
75	Cytolysins and the intracellular life of bacteria. Trends in Microbiology, 1997, 5, 86-88.	7.7	27
76	Listeria monocytogenes infection of HeLa cells results in listeriolysinO-mediated transient activation of the Raf-MEK-MAP kinase pathway. FEMS Microbiology Letters, 2006, 148, 189-195.	1.8	27
77	Persistence of Intracellular Bacterial Pathogensâ€"With a Focus on the Metabolic Perspective. Frontiers in Cellular and Infection Microbiology, 2020, 10, 615450.	3.9	26
78	Control of Listeria Monocytogenes Virulence by the Transcriptional Regulator PrfA. Medical Intelligence Unit, 1995, , 129-142.	0.2	26
79	Complete Genome Sequence of<i>Listeria seeligeri</i>, a Nonpathogenic Member of the Genus<i>Listeria</i>. Journal of Bacteriology, 2010, 192, 1473-1474.	2.2	23
80	Protein p60 Participates in Intestinal Host Invasion by Listeria monocytogenes. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1996, 284, 263-272.	0.5	22
81	Secretion of different listeriolysin cognates by recombinant attenuated Salmonella typhimurium: superior efficacy of haemolytic over non-haemolytic constructs after oral vaccination. Microbes and Infection, 2000, 2, 1799-1806.	1.9	20
82	Antibodies Present in Normal Human Serum Inhibit Invasion of Human Brain Microvascular Endothelial Cells by Listeria monocytogenes. Infection and Immunity, 2003, 71, 95-100.	2.2	20
83	Species-Specific Differences in the Activity of PrfA,the Key Regulator of Listerial VirulenceGenes. Journal of Bacteriology, 2006, 188, 7941-7956.	2.2	20
84	Involvement of MAP-kinases and -phosphatases in uptake and intracellular replication of Listeria monocytogenes in J774 macrophage cells. FEMS Microbiology Letters, 2006, 157, 131-136.	1.8	19
85	In vitro transcription of PrfA-dependent and â€"-independent genes of Listeria monocytogenes. Molecular Microbiology, 2008, 42, 111-120.	2.5	19
86	Link Between Antibiotic Persistence and Antibiotic Resistance in Bacterial Pathogens. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	18
87	Cloning of a superoxide dismutase gene from Listeria ivanovii by functional complementation in Escherichia coli and characterization of the gene product. Molecular Genetics and Genomics, 1992, 231, 313-322.	2.4	17
88	Complementation of Listeria seeligeri with the plcA-prfA genes from L. monocytogenes activates transcription of seeligerolysin and leads to bacterial escape from the phagosome of infected mammalian cells. FEMS Microbiology Letters, 2006, 146, 303-310.	1.8	16
89	Responses by murine macrophages infected with Listeria monocytogenes crucial for the development of immunity to this pathogen. Immunological Reviews, 1997, 158, 57-93.	6.0	15
90	Host Cell Signal Transduction during Listeria monocytogenes Infection. Archives of Biochemistry and Biophysics, 1999, 372, 166-172.	3.0	14

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91	Internalization of Listeria monocytogenes by Nonprofessional and Professional Phagocytes. Sub-Cellular Biochemistry, 2000, 33, 411-436.	2.4	13
92	Virulence Gene Clusters and Putative Pathogenicity Islands in Listeriae. , 0, , 219-232.		11
93	Substrate usage determines carbon flux <i>via</i> the citrate cycle in <i>Helicobacter pylori</i>. Molecular Microbiology, 2021, 116, 841-860.	2.5	8
94	Supportive and inhibitory elements of a putative PrfA-dependent promoter in Listeria monocytogenes. Molecular Microbiology, 2005, 55, 986-997.	2.5	6
95	Molecular Virulence Determinants of Listeria monocytogenes. Food Additives, 2007, , 111-155.	0.1	6
96	Specific antibody-receptor interactions trigger InlAB-independent uptake of listeria monocytogenes into tumor cell lines. BMC Microbiology, 2011, 11, 163.	3.3	5
97	Metabolism and Physiology of Listeria monocytogenes. , 2007, , 63-80.		4
98	Cloning and Expression inEscherichia Coliof a Gene Encoding Superoxide Dismutase from Listeria Ivanovii. Free Radical Research Communications, 1991, 12, 371-377.	1.8	3
99	Dangerous signals from E. coli toxin. Nature Medicine, 2000, 6, 741-742.	30.7	3
100	Overview of the Bacterial Pathogens. , 2014, , 3-23.		2
101	Production, purification and characterization of hemolysins from Listeria ivanovii and Listeria monocytogenes Sv4b. FEMS Microbiology Letters, 1989, 57, 197-202.	1.8	2
102	Genomics of Listeria monocytogenes. , 2006, , 339-366.		1
103	Listeria arpJGene Modifies T Helper Type 2 Subset Differentiation. Journal of Infectious Diseases, 2015, 212, 223-233.	4.0	1
104	Interaction of Listeria monocytogenes with the intestinal epithelium. FEMS Microbiology Letters, 2000, 190, 323-328.	1.8	1
105	Listeria monocytogenes infection of HeLa cells results in listeriolysinO-mediated transient activation of the Raf-MEK-MAP kinase pathway. FEMS Microbiology Letters, 1997, 148, 189-195.	1.8	1
106	From the beginning to the present state of molecular microbial pathogenesisâ€"A tribute to Pascale Cossart. Molecular Microbiology, 2020, 113, 538-540.	2.5	0
107	Molekulare Mechanismen der PathogenitÃt von Bakterien. , 1999, , 233-298.		0
108	Regulation of Virulence Genes in Pathogenic<i>Listeria</i>spp.. , 0, , 634-645.		0