

Werner Goebel

List of Publications by Year in descending order

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107
papers

9,333
citations

38720

50
h-index

40954

93
g-index

108
all docs

108
docs citations

108
times ranked

6102
citing authors

#	ARTICLE	IF	CITATIONS
1	Listeria Pathogenesis and Molecular Virulence Determinants. <i>Clinical Microbiology Reviews</i> , 2001, 14, 584-640.	5.7	1,892
2	Molecular determinants of <i>Listeria monocytogenes</i> pathogenesis. <i>Infection and Immunity</i> , 1992, 60, 1263-1267.	1.0	589
3	Carbon metabolism of intracellular bacterial pathogens and possible links to virulence. <i>Nature Reviews Microbiology</i> , 2010, 8, 401-412.	13.6	338
4	Identification of <i>Listeria monocytogenes</i> Genes Contributing to Intracellular Replication by Expression Profiling and Mutant Screening. <i>Journal of Bacteriology</i> , 2006, 188, 556-568.	1.0	286
5	Delivery of antigen-encoding plasmid DNA into the cytosol of macrophages by attenuated suicide <i>Listeria monocytogenes</i> . <i>Nature Biotechnology</i> , 1998, 16, 181-185.	9.4	238
6	Hpt, a bacterial homolog of the microsomal glucose- 6-phosphate translocase, mediates rapid intracellular proliferation in <i>Listeria</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 431-436.	3.3	232
7	Pathogenicity islands and virulence evolution in <i>Listeria</i> . <i>Microbes and Infection</i> , 2001, 3, 571-584.	1.0	207
8	Interaction of <i>Listeria monocytogenes</i> with Human Brain Microvascular Endothelial Cells: InIB-Dependent Invasion, Long-Term Intracellular Growth, and Spread from Macrophages to Endothelial Cells. <i>Infection and Immunity</i> , 1998, 66, 5260-5267.	1.0	187
9	The gene coding for protein p60 of <i>Listeria monocytogenes</i> and its use as a specific probe for <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , 1990, 58, 1943-1950.	1.0	176
10	A new PrfA-regulated gene of <i>Listeria monocytogenes</i> encoding a small, secreted protein which belongs to the family of internalins. <i>Molecular Microbiology</i> , 1996, 21, 823-837.	1.2	170
11	Metabolic host responses to infection by intracellular bacterial pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 24.	1.8	169
12	The bacterial virulence factor InlC perturbs apical cell junctions and promotes cell-to-cell spread of <i>Listeria</i> . <i>Nature Cell Biology</i> , 2009, 11, 1212-1218.	4.6	168
13	How Viral and Intracellular Bacterial Pathogens Reprogram the Metabolism of Host Cells to Allow Their Intracellular Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 42.	1.8	149
14	Intracellular endosymbiotic bacteria of <i>Camponotus</i> species (carpenter ants): systematics, evolution and ultrastructural characterization. <i>Molecular Microbiology</i> , 1996, 21, 479-489.	1.2	142
15	Carbon metabolism of <i>Listeria monocytogenes</i> growing inside macrophages. <i>Molecular Microbiology</i> , 2008, 69, 1008-1017.	1.2	123
16	Transcriptional regulation of prfA and PrfA-regulated virulence genes in <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 1994, 11, 1141-1150.	1.2	121
17	Deletion of the Gene Encoding p60 in <i>Listeria monocytogenes</i> Leads to Abnormal Cell Division and Loss of Actin-Based Motility. <i>Infection and Immunity</i> , 2003, 71, 3473-3484.	1.0	121
18	Glycerol Metabolism and PrfA Activity in <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2008, 190, 5412-5430.	1.0	118

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19	Evolutionary history of the genus <i>Listeria</i> and its virulence genes. <i>Systematic and Applied Microbiology</i> , 2005, 28, 1-18.	1.2	116
20	Surface-associated, PrfA-regulated proteins of <i>Listeria monocytogenes</i> synthesized under stress conditions. <i>Molecular Microbiology</i> , 1993, 8, 219-227.	1.2	113
21	Specific binding of the <i>Listeria monocytogenes</i> transcriptional regulator PrfA to target sequences requires additional factor(s) and is influenced by iron. <i>Molecular Microbiology</i> , 1996, 22, 643-653.	1.2	102
22	Analysis of the SlyA-controlled expression, subcellular localization and pore-forming activity of a 34 kDa haemolysin (ClyA) from <i>Escherichia coli</i> K-12. <i>Molecular Microbiology</i> , 1999, 31, 557-567.	1.2	100
23	The virulence regulator protein of <i>Listeria ivanovii</i> is highly homologous to PrfA from <i>Listeria monocytogenes</i> and both belong to the Crp-Fnr family of transcription regulators. <i>Molecular Microbiology</i> , 1994, 13, 141-151.	1.2	98
24	Metabolic adaptation of human pathogenic and related nonpathogenic bacteria to extra- and intracellular habitats. <i>FEMS Microbiology Reviews</i> , 2012, 36, 435-462.	3.9	98
25	Bacteria as DNA vaccine carriers for genetic immunization. <i>International Journal of Medical Microbiology</i> , 2004, 294, 319-335.	1.5	97
26	<i>Listeria monocytogenes</i> -Infected Human Dendritic Cells: Uptake and Host Cell Response. <i>Infection and Immunity</i> , 2000, 68, 3680-3688.	1.0	95
27	Growth, Virulence, and Immunogenicity of <i>Listeria monocytogenes</i> aro Mutants. <i>Infection and Immunity</i> , 2004, 72, 5622-5629.	1.0	89
28	Whole-Genome Sequence of <i>Listeria welshimeri</i> Reveals Common Steps in Genome Reduction with <i>Listeria innocua</i> as Compared to <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2006, 188, 7405-7415.	1.0	89
29	¹³ C isotopologue perturbation studies of <i>Listeria monocytogenes</i> carbon metabolism and its modulation by the virulence regulator PrfA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2040-2045.	3.3	89
30	Interference of Components of the Phosphoenolpyruvate Phosphotransferase System with the Central Virulence Gene Regulator PrfA of <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2007, 189, 473-490.	1.0	88
31	Comparative genomics and transcriptomics of lineages I, II, and III strains of <i>Listeria monocytogenes</i> . <i>BMC Genomics</i> , 2012, 13, 144.	1.2	88
32	Pathogenomics of <i>Listeria</i> spp.. <i>International Journal of Medical Microbiology</i> , 2007, 297, 541-557.	1.5	84
33	Development of antigen-delivery systems, based on the <i>Escherichia coli</i> hemolysin secretion pathway. <i>Gene</i> , 1996, 179, 133-140.	1.0	78
34	InIA- but not InIB-mediated internalization of <i>Listeria monocytogenes</i> by non-phagocytic mammalian cells needs the support of other internalins. <i>Molecular Microbiology</i> , 2002, 43, 557-570.	1.2	77
35	The major PEP-phosphotransferase systems (PTSs) for glucose, mannose and cellobiose of <i>Listeria monocytogenes</i> , and their significance for extra- and intracellular growth. <i>Microbiology (United Kingdom)</i> 157 1707-1717	1.4	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. <i>Journal of Bacteriology</i> , 1998, 180, 6655-6660.	1.0	75

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37	SigB-Dependent In Vitro Transcription of <i>prfA</i> and Some Newly Identified Genes of <i>Listeria monocytogenes</i> Whose Expression Is Affected by PrfA In Vivo. <i>Journal of Bacteriology</i> , 2005, 187, 800-804.	1.0	72
38	Differential regulation of the virulence genes of <i>Listeria monocytogenes</i> by the transcriptional activator PrfA. <i>Molecular Microbiology</i> , 1996, 20, 1189-1198.	1.2	71
39	Gene disruption by plasmid integration in <i>Listeria monocytogenes</i> : Insertional inactivation of the listeriolysin determinant <i>lisA</i> . <i>Molecular Genetics and Genomics</i> , 1991, 228, 177-182.	2.4	69
40	Bacterial replication in the host cell cytosol. <i>Current Opinion in Microbiology</i> , 2000, 3, 49-53.	2.3	69
41	New <i>Listeria monocytogenes</i> <i>prfA</i> * mutants, transcriptional properties of PrfA* proteins and structure-function of the virulence regulator PrfA. <i>Molecular Microbiology</i> , 2004, 52, 1553-1565.	1.2	66
42	Pyruvate Carboxylase Plays a Crucial Role in Carbon Metabolism of Extra- and Intracellularly Replicating <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2010, 192, 1774-1784.	1.0	66
43	Analysis of carbon substrates used by <i>Listeria monocytogenes</i> during growth in J774A.1 macrophages suggests a bipartite intracellular metabolism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 156.	1.8	65
44	Life of <i>Listeria monocytogenes</i> in the host cells' cytosol. <i>Microbes and Infection</i> , 2007, 9, 1188-1195.	1.0	64
45	Carbon Metabolism of Enterobacterial Human Pathogens Growing in Epithelial Colorectal Adenocarcinoma (Caco-2) Cells. <i>PLoS ONE</i> , 2010, 5, e10586.	1.1	64
46	Microbial Strategies to Prevent Oxygen-Dependent Killing by Phagocytes. <i>Free Radical Research Communications</i> , 1992, 16, 137-157.	1.8	59
47	Recombinant attenuated bacteria for the delivery of subunit vaccines. <i>Vaccine</i> , 2001, 19, 2621-2628.	1.7	59
48	Maltose and Maltodextrin Utilization by <i>Listeria monocytogenes</i> Depend on an Inducible ABC Transporter which Is Repressed by Glucose. <i>PLoS ONE</i> , 2010, 5, e10349.	1.1	58
49	A gene encoding a Superoxide dismutase of the facultative intracellular bacterium <i>Listeria monocytogenes</i> . <i>Gene</i> , 1992, 118, 121-125.	1.0	53
50	Production, purification and characterization of hemolysins from <i>Listeria ivanovii</i> and <i>Listeria monocytogenes</i> Sv4b. <i>FEMS Microbiology Letters</i> , 1989, 57, 197-202.	0.7	52
51	Modulation of PrfA activity in <i>Listeria monocytogenes</i> upon growth in different culture media. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3856-3876.	0.7	52
52	Metabolic Adaptations of Intracellular Bacterial Pathogens and their Mammalian Host Cells during Infection (Pathometabolism). <i>Microbiology Spectrum</i> , 2015, 3, .	1.2	52
53	Deciphering the intracellular metabolism of <i>Listeria monocytogenes</i> by mutant screening and modelling. <i>BMC Genomics</i> , 2010, 11, 573.	1.2	51
54	Pathway analysis using ¹³ C-glycerol and other carbon tracers reveals a bipartite metabolism of <i>Legionella pneumophila</i> . <i>Molecular Microbiology</i> , 2016, 100, 229-246.	1.2	51

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55	Differential interaction of the transcription factor PrfA and the PrfA-activating factor (Paf) of <i>Listeria monocytogenes</i> with target sequences. <i>Molecular Microbiology</i> , 1998, 27, 915-928.	1.2	49
56	Metabolic adaptation of <i>Chlamydia trachomatis</i> to mammalian host cells. <i>Molecular Microbiology</i> , 2017, 103, 1004-1019.	1.2	46
57	To Eat and to Be Eaten: Mutual Metabolic Adaptations of Immune Cells and Intracellular Bacterial Pathogens upon Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 316.	1.8	45
58	A novel PrfA-regulated chromosomal locus, which is specific for <i>Listeria ivanovii</i> , encodes two small, secreted internalins and contributes to virulence in mice. <i>Molecular Microbiology</i> , 1998, 30, 405-417.	1.2	43
59	Metabolic Responses of Primary and Transformed Cells to Intracellular <i>Listeria monocytogenes</i> . <i>PLoS ONE</i> , 2012, 7, e52378.	1.1	43
60	Bacterial delivery of functional messenger RNA to mammalian cells. <i>Cellular Microbiology</i> , 2005, 7, 709-724.	1.1	42
61	Comparison of Different Live Vaccine Strategies In Vivo for Delivery of Protein Antigen or Antigen-Encoding DNA and mRNA by Virulence-Attenuated <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , 2006, 74, 3946-3957.	1.0	41
62	Characterization of a <i>Listeria monocytogenes</i> -specific protein capable of inducing delayed hypersensitivity in <i>Listeria</i> -immune mice. <i>Molecular Microbiology</i> , 1990, 4, 1091-1099.	1.2	40
63	Interaction of <i>Listeria monocytogenes</i> with Human Brain Microvascular Endothelial Cells: an Electron Microscopic Study. <i>Infection and Immunity</i> , 2000, 68, 3275-3279.	1.0	40
64	Glucose and glucose 6-phosphate as carbon sources in extra- and intracellular growth of enteroinvasive <i>Escherichia coli</i> and <i>Salmonella enterica</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 1176-1187.	0.7	40
65	<i>Listeria monocytogenes</i> -infected human umbilical vein endothelial cells: internalin-independent invasion, intracellular growth, movement, and host cell responses. <i>FEMS Microbiology Letters</i> , 2006, 157, 163-170.	0.7	39
66	Interaction of <i>Listeria monocytogenes</i> with the intestinal epithelium. <i>FEMS Microbiology Letters</i> , 2000, 190, 323-328.	0.7	38
67	Inefficient Replication of <i>Listeria innocua</i> in the Cytosol of Mammalian Cells. <i>Journal of Infectious Diseases</i> , 2004, 189, 393-401.	1.9	38
68	Metabolic Adaptations of Intracellular Bacterial Pathogens and their Mammalian Host Cells during Infection (<i>Pathometabolism</i>). , 0, , 27-58.		38
69	Enhanced Synthesis of Internalin A in <i>aro</i> Mutants of <i>Listeria monocytogenes</i> Indicates Posttranscriptional Control of the <i>inlAB</i> mRNA. <i>Journal of Bacteriology</i> , 2005, 187, 2836-2845.	1.0	37
70	<i>Listeria monocytogenes</i> as novel carrier system for the development of live vaccines. <i>International Journal of Medical Microbiology</i> , 2008, 298, 45-58.	1.5	31
71	LaXp180, a mammalian ActA-binding protein, identified with the yeast two-hybrid system, co-localizes with intracellular <i>Listeria monocytogenes</i> . <i>Cellular Microbiology</i> , 2000, 2, 101-114.	1.1	30
72	PrfA mediates specific binding of RNA polymerase of <i>Listeria monocytogenes</i> to PrfA-dependent virulence gene promoters resulting in a transcriptionally active complex. <i>Molecular Microbiology</i> , 2000, 36, 487-497.	1.2	29

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73	In vitro transcription of the <i>Listeria monocytogenes</i> virulence genes <i>inlC</i> and <i>mpl</i> reveals overlapping PrfA-dependent and -independent promoters that are differentially activated by GTP. <i>Molecular Microbiology</i> , 2004, 52, 39-52.	1.2	29
74	Host cell signalling during <i>Listeria monocytogenes</i> infection. <i>Trends in Microbiology</i> , 1998, 6, 11-15.	3.5	28
75	Cytolysins and the intracellular life of bacteria. <i>Trends in Microbiology</i> , 1997, 5, 86-88.	3.5	27
76	<i>Listeria monocytogenes</i> infection of HeLa cells results in listeriolysinO-mediated transient activation of the Raf-MEK-MAP kinase pathway. <i>FEMS Microbiology Letters</i> , 2006, 148, 189-195.	0.7	27
77	Persistence of Intracellular Bacterial Pathogens – With a Focus on the Metabolic Perspective. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 615450.	1.8	26
78	Control of <i>Listeria Monocytogenes</i> Virulence by the Transcriptional Regulator PrfA. <i>Medical Intelligence Unit</i> , 1995, , 129-142.	0.2	26
79	Complete Genome Sequence of <i>Listeria seeligeri</i> , a Nonpathogenic Member of the Genus <i>Listeria</i> . <i>Journal of Bacteriology</i> , 2010, 192, 1473-1474.	1.0	23
80	Protein p60 Participates in Intestinal Host Invasion by <i>Listeria monocytogenes</i> . <i>Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology</i> , 1996, 284, 263-272.	0.5	22
81	Secretion of different listeriolysin cognates by recombinant attenuated <i>Salmonella typhimurium</i> : superior efficacy of haemolytic over non-haemolytic constructs after oral vaccination. <i>Microbes and Infection</i> , 2000, 2, 1799-1806.	1.0	20
82	Antibodies Present in Normal Human Serum Inhibit Invasion of Human Brain Microvascular Endothelial Cells by <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , 2003, 71, 95-100.	1.0	20
83	Species-Specific Differences in the Activity of PrfA, the Key Regulator of Listerial Virulence Genes. <i>Journal of Bacteriology</i> , 2006, 188, 7941-7956.	1.0	20
84	Involvement of MAP-kinases and -phosphatases in uptake and intracellular replication of <i>Listeria monocytogenes</i> in J774 macrophage cells. <i>FEMS Microbiology Letters</i> , 2006, 157, 131-136.	0.7	19
85	In vitro transcription of PrfA-dependent and -independent genes of <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2008, 42, 111-120.	1.2	19
86	Link Between Antibiotic Persistence and Antibiotic Resistance in Bacterial Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	18
87	Cloning of a superoxide dismutase gene from <i>Listeria ivanovii</i> by functional complementation in <i>Escherichia coli</i> and characterization of the gene product. <i>Molecular Genetics and Genomics</i> , 1992, 231, 313-322.	2.4	17
88	Complementation of <i>Listeria seeligeri</i> with the <i>plcA-prfA</i> genes from <i>L. monocytogenes</i> activates transcription of <i>seeligerolysin</i> and leads to bacterial escape from the phagosome of infected mammalian cells. <i>FEMS Microbiology Letters</i> , 2006, 146, 303-310.	0.7	16
89	Responses by murine macrophages infected with <i>Listeria monocytogenes</i> crucial for the development of immunity to this pathogen. <i>Immunological Reviews</i> , 1997, 158, 57-93.	2.8	15
90	Host Cell Signal Transduction during <i>Listeria monocytogenes</i> Infection. <i>Archives of Biochemistry and Biophysics</i> , 1999, 372, 166-172.	1.4	14

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91	Internalization of <i>Listeria monocytogenes</i> by Nonprofessional and Professional Phagocytes. <i>Sub-Cellular Biochemistry</i> , 2000, 33, 411-436.	1.0	13
92	Virulence Gene Clusters and Putative Pathogenicity Islands in <i>Listeriae</i> . , 0, , 219-232.		11
93	Substrate usage determines carbon flux <i>via</i> the citrate cycle in <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 2021, 116, 841-860.	1.2	8
94	Supportive and inhibitory elements of a putative PrfA-dependent promoter in <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2005, 55, 986-997.	1.2	6
95	Molecular Virulence Determinants of <i>Listeria monocytogenes</i> . <i>Food Additives</i> , 2007, , 111-155.	0.1	6
96	Specific antibody-receptor interactions trigger InlAB-independent uptake of <i>Listeria monocytogenes</i> into tumor cell lines. <i>BMC Microbiology</i> , 2011, 11, 163.	1.3	5
97	Metabolism and Physiology of <i>Listeria monocytogenes</i> . , 2007, , 63-80.		4
98	Cloning and Expression in <i>Escherichia Coli</i> of a Gene Encoding Superoxide Dismutase from <i>Listeria Ivanovii</i> . <i>Free Radical Research Communications</i> , 1991, 12, 371-377.	1.8	3
99	Dangerous signals from <i>E. coli</i> toxin. <i>Nature Medicine</i> , 2000, 6, 741-742.	15.2	3
100	Overview of the Bacterial Pathogens. , 2014, , 3-23.		2
101	Genomics of <i>Listeria monocytogenes</i> . , 2006, , 339-366.		1
102	<i>Listeria arpJ</i> Gene Modifies T Helper Type 2 Subset Differentiation. <i>Journal of Infectious Diseases</i> , 2015, 212, 223-233.	1.9	1
103	Interaction of <i>Listeria monocytogenes</i> with the intestinal epithelium. <i>FEMS Microbiology Letters</i> , 2000, 190, 323-328.	0.7	1
104	<i>Listeria monocytogenes</i> infection of HeLa cells results in listeriolysinO-mediated transient activation of the Raf-MEK-MAP kinase pathway. <i>FEMS Microbiology Letters</i> , 1997, 148, 189-195.	0.7	1
105	From the beginning to the present state of molecular microbial pathogenesis – A tribute to Pascale Cossart. <i>Molecular Microbiology</i> , 2020, 113, 538-540.	1.2	0
106	Molekulare Mechanismen der Pathogenität von Bakterien. , 1999, , 233-298.		0
107	Regulation of Virulence Genes in Pathogenic <i>Listeria</i> spp.. , 0, , 634-645.		0