

J Kok

List of Publications by Year in descending order

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92
papers

8,688
citations

31976

53
h-index

48315

88
g-index

92
all docs

92
docs citations

92
times ranked

3712
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of plasmid cloning vectors for lactic streptococci which also replicate in <i>Bacillus subtilis</i> and <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 1984, 48, 726-731.	3.1	414
2	A system to generate chromosomal mutations in <i>Lactococcus lactis</i> which allows fast analysis of targeted genes. <i>Journal of Bacteriology</i> , 1995, 177, 7011-7018.	2.2	318
3	A general system for generating unlabelled gene replacements in bacterial chromosomes. <i>Molecular Genetics and Genomics</i> , 1996, 253, 217-224.	2.4	309
4	Construction of a lactococcal expression vector: expression of hen egg white lysozyme in <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 1989, 55, 224-228.	3.1	286
5	Multidrug resistance mediated by a bacterial homolog of the human multidrug transporter MDR1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 10668-10672.	7.1	282
6	Molecular cloning and nucleotide sequence of the gene encoding the major peptidoglycan hydrolase of <i>Lactococcus lactis</i> , a muramidase needed for cell separation. <i>Journal of Bacteriology</i> , 1995, 177, 1554-1563.	2.2	254
7	A chloride-inducible acid resistance mechanism in <i>Lactococcus lactis</i> and its regulation. <i>Molecular Microbiology</i> , 1998, 27, 299-310.	2.5	245
8	Bile Salt Hydrolase of <i>Bifidobacterium longum</i> – Biochemical and Genetic Characterization. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2502-2512.	3.1	226
9	Genetic and biochemical characterization of the oligopeptide transport system of <i>Lactococcus lactis</i> . <i>Journal of Bacteriology</i> , 1993, 175, 7523-7532.	2.2	224
10	Nucleotide sequence of the cell wall proteinase gene of <i>Streptococcus cremoris</i> Wg2. <i>Applied and Environmental Microbiology</i> , 1988, 54, 231-238.	3.1	213
11	Organization and nucleotide sequences of two lactococcal bacteriocin operons. <i>Applied and Environmental Microbiology</i> , 1991, 57, 492-498.	3.1	213
12	Genetics of the proteolytic system of lactic acid bacteria. <i>FEMS Microbiology Letters</i> , 1990, 87, 15-42.	1.8	189
13	The bacteriocin lactococcin A specifically increases permeability of lactococcal cytoplasmic membranes in a voltage-independent, protein-mediated manner. <i>Journal of Bacteriology</i> , 1991, 173, 7934-7941.	2.2	185
14	Sequence analysis and molecular characterization of the temperate lactococcal bacteriophage r1t. <i>Molecular Microbiology</i> , 1996, 19, 1343-1355.	2.5	182
15	Campbell-like integration of heterologous plasmid DNA into the chromosome of <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 1989, 55, 394-400.	3.1	164
16	Stability of Integrated Plasmids in the Chromosome of <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1990, 56, 2726-2735.	3.1	159
17	Molecular analyses of the lactococcin A gene cluster from <i>Lactococcus lactis</i> subsp. <i>lactis</i> biovar <i>diacetylactis</i> WM4. <i>Applied and Environmental Microbiology</i> , 1992, 58, 1952-1961.	3.1	159
18	Nucleotide sequence and characterization of the broad-host-range lactococcal plasmid pWV01. <i>Plasmid</i> , 1991, 26, 55-66.	1.4	157

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19	Stress response in <i>Lactococcus lactis</i> : cloning, expression analysis, and mutation of the lactococcal superoxide dismutase gene. <i>Journal of Bacteriology</i> , 1995, 177, 5254-5260.	2.2	154
20	Functional analysis of the pediocin operon of <i>Pediococcus acidilactici</i> PAC1.0: PedB is the immunity protein and PedD is the precursor processing enzyme. <i>Molecular Microbiology</i> , 1995, 17, 515-522.	2.5	153
21	Identification of a gene required for maturation of an extracellular lactococcal serine proteinase. <i>Journal of Bacteriology</i> , 1989, 171, 2789-2794.	2.2	139
22	Overview on sugar metabolism and its control in " The input from in vivo NMR. <i>FEMS Microbiology Reviews</i> , 2005, 29, 531-554.	8.6	139
23	Gene expression in <i>Lactococcus lactis</i> . <i>FEMS Microbiology Letters</i> , 1992, 88, 73-92.	1.8	138
24	Construction of cloning, promoter-screening, and terminator-screening shuttle vectors for <i>Bacillus subtilis</i> and <i>Streptococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1985, 50, 540-542.	3.1	137
25	Cloning, sequencing, and expression in <i>Escherichia coli</i> of lcnB, a third bacteriocin determinant from the lactococcal bacteriocin plasmid p9B4-6. <i>Applied and Environmental Microbiology</i> , 1992, 58, 572-577.	3.1	129
26	Cloning of two bacteriocin genes from a lactococcal bacteriocin plasmid. <i>Applied and Environmental Microbiology</i> , 1989, 55, 1187-1191.	3.1	122
27	Molecular cloning and sequence analysis of the X-prolyl dipeptidyl aminopeptidase gene from <i>Lactococcus lactis</i> subsp. <i>cremoris</i> . <i>Applied and Environmental Microbiology</i> , 1991, 57, 38-44.	3.1	120
28	Multiple-peptidase mutants of <i>Lactococcus lactis</i> are severely impaired in their ability to grow in milk. <i>Journal of Bacteriology</i> , 1996, 178, 2794-2803.	2.2	116
29	Lactic acid bacteria: the bugs of the new millennium. <i>Current Opinion in Microbiology</i> , 2000, 3, 276-282.	5.1	116
30	Cloning and expression of a <i>Streptococcus cremoris</i> proteinase in <i>Bacillus subtilis</i> and <i>Streptococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1985, 50, 94-101.	3.1	113
31	Mode of Action of Lactococcin B, a Thiol-Activated Bacteriocin from <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1993, 59, 1041-1048.	3.1	112
32	The Mode of Replication Is a Major Factor in Segregational Plasmid Instability in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1993, 59, 358-364.	3.1	100
33	Inducible gene expression mediated by a repressor-operator system isolated from <i>Lactococcus lactis</i> bacteriophage r1t. <i>Molecular Microbiology</i> , 1996, 19, 1331-1341.	2.5	99
34	Immunogenicity of a malaria parasite antigen displayed by <i>Lactococcus lactis</i> in oral immunisations. <i>Vaccine</i> , 2006, 24, 3900-3908.	3.8	96
35	Cloning and sequencing of the gene for a lactococcal endopeptidase, an enzyme with sequence similarity to mammalian enkephalinase. <i>Journal of Bacteriology</i> , 1993, 175, 2087-2096.	2.2	93
36	Construction of a food-grade multiple-copy integration system for <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1998, 49, 417-423.	3.6	91

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37	Effects on <i>Bacillus subtilis</i> of a conditional lethal mutation in the essential GTP-binding protein Opg. <i>Journal of Bacteriology</i> , 1994, 176, 7155-7160.	2.2	86
38	Heterologous gene expression in <i>Lactococcus lactis</i> subsp. <i>lactis</i> : synthesis, secretion, and processing of the <i>Bacillus subtilis</i> neutral protease. <i>Applied and Environmental Microbiology</i> , 1990, 56, 2606-2611.	3.1	84
39	Engineering of the <i>Lactococcus lactis</i> serine proteinase by construction of hybrid enzymes. <i>Protein Engineering, Design and Selection</i> , 1991, 4, 479-484.	2.1	83
40	Genetics of proteinases of lactic acid bacteria. <i>Biochimie</i> , 1988, 70, 475-488.	2.6	81
41	The proteolytic system of lactic acid bacteria. , 1994, , 169-210.		79
42	Autolysis of <i>Lactococcus lactis</i> caused by induced overproduction of its major autolysin, AcmA. <i>Applied and Environmental Microbiology</i> , 1997, 63, 2722-2728.	3.1	79
43	Mode of action of LciA, the lactococcal A immunity protein. <i>Molecular Microbiology</i> , 1994, 14, 521-532.	2.5	73
44	Expression of lactococcal A and pediocin PA-1 in heterologous hosts. <i>Letters in Applied Microbiology</i> , 1995, 21, 183-189.	2.2	73
45	Distance-dependent translational coupling and interference in <i>Lactococcus lactis</i> . <i>Molecular Genetics and Genomics</i> , 1991, 227, 65-71.	2.4	72
46	Lactococcal bacteriocins: mode of action and immunity. <i>Trends in Microbiology</i> , 1995, 3, 299-304.	7.7	72
47	Replacement recombination in <i>Lactococcus lactis</i> . <i>Journal of Bacteriology</i> , 1991, 173, 4794-4798.	2.2	70
48	Processing of the lactococcal extracellular serine proteinase. <i>Applied and Environmental Microbiology</i> , 1991, 57, 1899-1904.	3.1	66
49	Lactococcal plasmid pWV01 as an integration vector for lactococci. <i>Applied and Environmental Microbiology</i> , 1991, 57, 2562-2567.	3.1	64
50	Lactococcal proteinase maturation protein PrtM is a lipoprotein. <i>Journal of Bacteriology</i> , 1991, 173, 4517-4525.	2.2	63
51	Cell Wall-Associated Proteases of <i>Streptococcus cremoris</i> Wg2. <i>Applied and Environmental Microbiology</i> , 1987, 53, 853-859.	3.1	62
52	Insertion elements on lactococcal proteinase plasmids. <i>Applied and Environmental Microbiology</i> , 1990, 56, 1890-1896.	3.1	61
53	Heterologous Coproduction of Enterocin A and Pediocin PA-1 by <i>Lactococcus lactis</i> : Detection by Specific Peptide-Directed Antibodies. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3543-3549.	3.1	60
54	Autolysis of <i>Lactococcus lactis</i> Is Influenced by Proteolysis. <i>Journal of Bacteriology</i> , 1998, 180, 5947-5953.	2.2	59

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55	A chloride-inducible gene expression cassette and its use in induced lysis of <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1997, 63, 4877-4882.	3.1	58
56	Requirement of Autolytic Activity for Bacteriocin-Induced Lysis. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3174-3179.	3.1	56
57	Chromosomal stabilization of the proteinase genes in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1991, 57, 2568-2575.	3.1	54
58	Tripeptidase gene (<i>pepT</i>) of <i>Lactococcus lactis</i> : molecular cloning and nucleotide sequencing of <i>pepT</i> and construction of a chromosomal deletion mutant. <i>Journal of Bacteriology</i> , 1994, 176, 2854-2861.	2.2	53
59	Protein export elements from <i>Lactococcus lactis</i> . <i>Molecular Genetics and Genomics</i> , 1992, 234, 401-411.	2.4	51
60	Identification of a sodium chloride-regulated promoter in <i>Lactococcus lactis</i> by single-copy chromosomal fusion with a reporter gene. <i>Molecular Genetics and Genomics</i> , 1998, 257, 681-685.	2.4	51
61	Deletion analysis of the proteinase gene of <i>Streptococcus cremoris</i> Wg2. <i>Applied and Environmental Microbiology</i> , 1988, 54, 239-244.	3.1	48
62	Topology of <i>LcnD</i> , a protein implicated in the transport of bacteriocins from <i>Lactococcus lactis</i> . <i>Journal of Bacteriology</i> , 1996, 178, 1766-1769.	2.2	47
63	The Anaerobic (Class III) Ribonucleotide Reductase from <i>Lactococcus lactis</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 2463-2471.	3.4	44
64	The genes for secretion and maturation of lactococcins are located on the chromosome of <i>Lactococcus lactis</i> IL1403. <i>Applied and Environmental Microbiology</i> , 1996, 62, 1689-1692.	3.1	44
65	Fate of peptides in peptidase mutants of <i>Lactococcus lactis</i> . <i>Molecular Microbiology</i> , 1996, 21, 123-131.	2.5	42
66	Membrane Topology of the Lactococcal Bacteriocin ATP-binding Cassette Transporter Protein <i>LcnC</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 8484-8490.	3.4	41
67	Anchoring of proteins to lactic acid bacteria. <i>Antonie Van Leeuwenhoek</i> , 1999, 76, 367-76.	1.7	41
68	Design of thermolabile bacteriophage repressor mutants by comparative molecular modeling. <i>Nature Biotechnology</i> , 1997, 15, 980-983.	17.5	39
69	Inducible gene expression and environmentally regulated genes in lactic acid bacteria. <i>Antonie Van Leeuwenhoek</i> , 1996, 70, 129-145.	1.7	34
70	Current strategies for improving food bacteria. <i>Research in Microbiology</i> , 2000, 151, 815-822.	2.1	32
71	Effect of X-Prolyl Dipeptidyl Aminopeptidase Deficiency on <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1993, 59, 2049-2055.	3.1	32
72	Cloning and analysis of the <i>pepV</i> dipeptidase gene of <i>Lactococcus lactis</i> MG1363. <i>Journal of Bacteriology</i> , 1997, 179, 3410-3415.	2.2	30

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73	EfaR Is a Major Regulator of <i>Enterococcus faecalis</i> Manganese Transporters and Influences Processes Involved in Host Colonization and Infection. <i>Infection and Immunity</i> , 2013, 81, 935-944.	2.2	29
74	Rapid and Efficient Purification Method for Small, Hydrophobic, Cationic Bacteriocins: Purification of Lactococcin B and Pediocin PA-1. <i>Applied and Environmental Microbiology</i> , 1997, 63, 305-309.	3.1	29
75	Cloning, Expression, and Chromosomal Stabilization of the <i>Propionibacterium shermanii</i> Proline Iminopeptidase Gene (<i>pip</i>) for Food-Grade Application in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1998, 64, 4736-4742.	3.1	26
76	Isolation, sequence and expression in <i>Escherichia coli</i> , <i>Bacillus subtilis</i> and <i>Lactococcus lactis</i> of the DNase (streptodornase)-encoding gene from <i>Streptococcus equisimilis</i> H46A. <i>Gene</i> , 1991, 106, 115-119.	2.2	24
77	Lysozyme expression in <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1992, 37, 216-224.	3.6	23
78	A possible contribution of mRNA secondary structure to translation initiation efficiency in <i>Lactococcus lactis</i> . <i>FEMS Microbiology Letters</i> , 1991, 81, 201-208.	1.8	18
79	Characterization of transcription initiation and termination signals of the proteinase genes of <i>Lactococcus lactis</i> Wg2 and enhancement of proteolysis in <i>L. lactis</i> . <i>Applied and Environmental Microbiology</i> , 1992, 58, 3142-3149.	3.1	18
80	Transcriptomic approach and membrane fatty acid analysis to study the response mechanisms of <i>Escherichia coli</i> to thyme essential oil, carvacrol, 2-(E)-hexanal and citral exposure. <i>Journal of Applied Microbiology</i> , 2018, 125, 1308-1320.	3.1	15
81	Gene expression in. <i>FEMS Microbiology Letters</i> , 1992, 88, 73-92.	1.8	12
82	Broad-Host-Range Shuttle Vectors for Screening of Regulated Promoter Activity in Viridans Group Streptococci: Isolation of a pH-Regulated Promoter. <i>Applied and Environmental Microbiology</i> , 2000, 66, 535-542.	3.1	11
83	Proteinase genes of cheese starter cultures. <i>Biochemical Society Transactions</i> , 1991, 19, 670-674.	3.4	10
84	Production of secreted guar β -galactosidase by <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1995, 44, 75-80.	3.6	10
85	Localization and accessibility of antigenic sites of the extracellular serine proteinase of <i>Lactococcus lactis</i> . <i>FEBS Journal</i> , 1992, 204, 815-820.	0.2	8
86	Proteins of the lactococcin A secretion system: <i>lcnD</i> encodes two in-frame proteins. <i>FEMS Microbiology Letters</i> , 2001, 204, 259-263.	1.8	7
87	Enhanced production of pediocin PA-1 in wild nisin- and non-nisin-producing <i>Lactococcus lactis</i> strains of dairy origin. <i>International Dairy Journal</i> , 2007, 17, 574-577.	3.0	7
88	Lactococcins: Mode of action, immunity and secretion. <i>International Dairy Journal</i> , 1995, 5, 815-832.	3.0	6
89	Heterologous Processing and Export of the Bacteriocins Pediocin PA-1 and Lactococcin A in <i>Lactococcus Lactis</i> : A Study with Leader Exchange. <i>Probiotics and Antimicrobial Proteins</i> , 2010, 2, 66-76.	3.9	4
90	Lactococcal Bacteriocins: Genetics and Mode of Action. , 1992, , 59-69.		1

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91	Analysis of lactococcin secretion and immunity in <i>Lactococcus lactis</i> . <i>Developments in Biological Standardization</i> , 1995, 85, 653-9.	0.2	0
92	Production of secreted guar β -galactosidase by <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1995, 44, 75-80.	3.6	0