

# J Kok

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12013234/publications.pdf>

Version: 2024-02-01

92  
papers

8,688  
citations

36691

53  
h-index

54771

88  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4070  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.4	15
2	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.	1.0	29
3	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.	1.9	4
4	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.	1.5	7
5	Immunogenicity of a malaria parasite antigen displayed by <i>Lactococcus lactis</i> in oral immunisations. <i>Vaccine</i> , 2006, 24, 3900-3908.	1.7	96
6	Overview on sugar metabolism and its control in "The input from in vivo NMR. <i>FEMS Microbiology Reviews</i> , 2005, 29, 531-554.	3.9	139
7	Proteins of the lactococcin A secretion system: lcnD encodes two in-frame proteins. <i>FEMS Microbiology Letters</i> , 2001, 204, 259-263.	0.7	7
8	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.	1.4	60
9	Requirement of Autolytic Activity for Bacteriocin-Induced Lysis. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3174-3179.	1.4	56
10	The Anaerobic (Class III) Ribonucleotide Reductase from <i>Lactococcus lactis</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 2463-2471.	1.6	44
11	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.	1.4	11
12	Lactic acid bacteria: the bugs of the new millennium. <i>Current Opinion in Microbiology</i> , 2000, 3, 276-282.	2.3	116
13	Current strategies for improving food bacteria. <i>Research in Microbiology</i> , 2000, 151, 815-822.	1.0	32
14	Bile Salt Hydrolase of <i>Bifidobacterium longum</i> "Biochemical and Genetic Characterization. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2502-2512.	1.4	226
15	Membrane Topology of the Lactococcal Bacteriocin ATP-binding Cassette Transporter Protein LcnC. <i>Journal of Biological Chemistry</i> , 1999, 274, 8484-8490.	1.6	41
16	Anchoring of proteins to lactic acid bacteria. <i>Antonie Van Leeuwenhoek</i> , 1999, 76, 367-76.	0.7	41
17	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
18	Construction of a food-grade multiple-copy integration system for <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1998, 49, 417-423.	1.7	91

#	ARTICLE	IF	CITATIONS
19	A chloride-inducible acid resistance mechanism in <i>Lactococcus lactis</i> and its regulation. <i>Molecular Microbiology</i> , 1998, 27, 299-310.	1.2	245
20	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.	1.4	26
21	Autolysis of <i>Lactococcus lactis</i> Is Influenced by Proteolysis. <i>Journal of Bacteriology</i> , 1998, 180, 5947-5953.	1.0	59
22	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.	1.0	30
23	Design of thermolabile bacteriophage repressor mutants by comparative molecular modeling. <i>Nature Biotechnology</i> , 1997, 15, 980-983.	9.4	39
24	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.	1.4	29
25	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.	1.4	58
26	Autolysis of <i>Lactococcus lactis</i> caused by induced overproduction of its major autolysin, <i>AcmA</i> . <i>Applied and Environmental Microbiology</i> , 1997, 63, 2722-2728.	1.4	79
27	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.	1.0	47
28	Multidrug resistance mediated by a bacterial homolog of the human multidrug transporter <i>MDR1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 10668-10672.	3.3	282
29	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.	1.0	116
30	A general system for generating unlabelled gene replacements in bacterial chromosomes. <i>Molecular Genetics and Genomics</i> , 1996, 253, 217-224.	2.4	309
31	Fate of peptides in peptidase mutants of <i>Lactococcus lactis</i> . <i>Molecular Microbiology</i> , 1996, 21, 123-131.	1.2	42
32	Inducible gene expression and environmentally regulated genes in lactic acid bacteria. <i>Antonie Van Leeuwenhoek</i> , 1996, 70, 129-145.	0.7	34
33	Inducible gene expression mediated by a repressor-operator system isolated from <i>Lactococcus lactis</i> bacteriophage <i>r1t</i> . <i>Molecular Microbiology</i> , 1996, 19, 1331-1341.	1.2	99
34	Sequence analysis and molecular characterization of the temperate lactococcal bacteriophage <i>r1t</i> . <i>Molecular Microbiology</i> , 1996, 19, 1343-1355.	1.2	182
35	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.	1.4	44
36	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.	1.0	318

#	ARTICLE	IF	CITATIONS
37	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.	1.0	254
38	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.	1.0	154
39	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.	1.2	153
40	Lactococcins: Mode of action, immunity and secretion. <i>International Dairy Journal</i> , 1995, 5, 815-832.	1.5	6
41	Expression of lactococcin A and pediocin PA-1 in heterologous hosts. <i>Letters in Applied Microbiology</i> , 1995, 21, 183-189.	1.0	73
42	Production of secreted guar $\beta$ -galactosidase by <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1995, 44, 75-80.	1.7	10
43	Lactococcal bacteriocins: mode of action and immunity. <i>Trends in Microbiology</i> , 1995, 3, 299-304.	3.5	72
44	Analysis of lactococcin secretion and immunity in <i>Lactococcus lactis</i> . <i>Developments in Biological Standardization</i> , 1995, 85, 653-9.	0.2	0
45	Production of secreted guar $\beta$ -galactosidase by <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 1995, 44, 75-80.	1.7	0
46	Tripeptidase gene (pepT) of <i>Lactococcus lactis</i> : molecular cloning and nucleotide sequencing of pepT and construction of a chromosomal deletion mutant. <i>Journal of Bacteriology</i> , 1994, 176, 2854-2861.	1.0	53
47	Effects on <i>Bacillus subtilis</i> of a conditional lethal mutation in the essential GTP-binding protein Obg. <i>Journal of Bacteriology</i> , 1994, 176, 7155-7160.	1.0	86
48	Mode of action of LciA, the lactococcin A immunity protein. <i>Molecular Microbiology</i> , 1994, 14, 521-532.	1.2	73
49	The proteolytic system of lactic acid bacteria. , 1994, , 169-210.		79
50	Genetic and biochemical characterization of the oligopeptide transport system of <i>Lactococcus lactis</i> . <i>Journal of Bacteriology</i> , 1993, 175, 7523-7532.	1.0	224
51	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.	1.0	93
52	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.	1.4	100
53	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.	1.4	112
54	Effect of X-Prolyl Dipeptidyl Aminopeptidase Deficiency on <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1993, 59, 2049-2055.	1.4	32

#	ARTICLE	IF	CITATIONS
55	Gene expression in. FEMS Microbiology Letters, 1992, 88, 73-92.	0.7	12
56	Protein export elements from Lactococcus lactis. Molecular Genetics and Genomics, 1992, 234, 401-411.	2.4	51
57	Lysozyme expression in Lactococcus lactis. Applied Microbiology and Biotechnology, 1992, 37, 216-224.	1.7	23
58	Gene expression in Lactococcus lactis. FEMS Microbiology Letters, 1992, 88, 73-92.	0.7	138
59	Localization and accessibility of antigenic sites of the extracellular serine proteinase of Lactococcus lactis. FEBS Journal, 1992, 204, 815-820.	0.2	8
60	Cloning, sequencing, and expression in Escherichia coli of lcnB, a third bacteriocin determinant from the lactococcal bacteriocin plasmid p9B4-6. Applied and Environmental Microbiology, 1992, 58, 572-577.	1.4	129
61	Molecular analyses of the lactococcin A gene cluster from Lactococcus lactis subsp. lactis biovar diacetylactis WM4. Applied and Environmental Microbiology, 1992, 58, 1952-1961.	1.4	159
62	Characterization of transcription initiation and termination signals of the proteinase genes of Lactococcus lactis Wg2 and enhancement of proteolysis in L. lactis. Applied and Environmental Microbiology, 1992, 58, 3142-3149.	1.4	18
63	Lactococcal Bacteriocins: Genetics and Mode of Action. , 1992, , 59-69.		1
64	Isolation, sequence and expression in Escherichia coli, Bacillus subtilis and Lactococcus lactis of the DNase (streptodornase)-encoding gene from Streptococcus equisimilis H46A. Gene, 1991, 106, 115-119.	1.0	24
65	Nucleotide sequence and characterization of the broad-host-range lactococcal plasmid pWVO1. Plasmid, 1991, 26, 55-66.	0.4	157
66	Lactococcal proteinase maturation protein PrtM is a lipoprotein. Journal of Bacteriology, 1991, 173, 4517-4525.	1.0	63
67	Replacement recombination in Lactococcus lactis. Journal of Bacteriology, 1991, 173, 4794-4798.	1.0	70
68	The bacteriocin lactococcin A specifically increases permeability of lactococcal cytoplasmic membranes in a voltage-independent, protein-mediated manner. Journal of Bacteriology, 1991, 173, 7934-7941.	1.0	185
69	Proteinase genes of cheese starter cultures. Biochemical Society Transactions, 1991, 19, 670-674.	1.6	10
70	A possible contribution of mRNA secondary structure to translation initiation efficiency in Lactococcus lactis. FEMS Microbiology Letters, 1991, 81, 201-208.	0.7	18
71	Distance-dependent translational coupling and interference in Lactococcus lactis. Molecular Genetics and Genomics, 1991, 227, 65-71.	2.4	72
72	Engineering of the Lactococcus lactis serine proteinase by construction of hybrid enzymes. Protein Engineering, Design and Selection, 1991, 4, 479-484.	1.0	83

#	ARTICLE	IF	CITATIONS
73	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.	1.4	120
74	Organization and nucleotide sequences of two lactococcal bacteriocin operons. <i>Applied and Environmental Microbiology</i> , 1991, 57, 492-498.	1.4	213
75	Processing of the lactococcal extracellular serine proteinase. <i>Applied and Environmental Microbiology</i> , 1991, 57, 1899-1904.	1.4	66
76	Lactococcal plasmid pWV01 as an integration vector for lactococci. <i>Applied and Environmental Microbiology</i> , 1991, 57, 2562-2567.	1.4	64
77	Chromosomal stabilization of the proteinase genes in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1991, 57, 2568-2575.	1.4	54
78	Genetics of the proteolytic system of lactic acid bacteria. <i>FEMS Microbiology Letters</i> , 1990, 87, 15-42.	0.7	189
79	Insertion elements on lactococcal proteinase plasmids. <i>Applied and Environmental Microbiology</i> , 1990, 56, 1890-1896.	1.4	61
80	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.	1.4	84
81	Stability of Integrated Plasmids in the Chromosome of <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 1990, 56, 2726-2735.	1.4	159
82	Identification of a gene required for maturation of an extracellular lactococcal serine proteinase. <i>Journal of Bacteriology</i> , 1989, 171, 2789-2794.	1.0	139
83	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.	1.4	286
84	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.	1.4	164
85	Cloning of two bacteriocin genes from a lactococcal bacteriocin plasmid. <i>Applied and Environmental Microbiology</i> , 1989, 55, 1187-1191.	1.4	122
86	Genetics of proteinases of lactic acid bacteria. <i>Biochimie</i> , 1988, 70, 475-488.	1.3	81
87	Nucleotide sequence of the cell wall proteinase gene of <i>Streptococcus cremoris</i> Wg2. <i>Applied and Environmental Microbiology</i> , 1988, 54, 231-238.	1.4	213
88	Deletion analysis of the proteinase gene of <i>Streptococcus cremoris</i> Wg2. <i>Applied and Environmental Microbiology</i> , 1988, 54, 239-244.	1.4	48
89	Cell Wall-Associated Proteases of <i>Streptococcus cremoris</i> Wg2. <i>Applied and Environmental Microbiology</i> , 1987, 53, 853-859.	1.4	62
90	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.	1.4	113

#	ARTICLE	IF	CITATIONS
91	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.	1.4	137
92	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.	1.4	414