

Kenji Sonomoto

List of Publications by Year in descending order

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208
papers

10,237
citations

36691

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211
times ranked

8626
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary Metabolites of Actinomycetales as Potent Quorum Sensing Inhibitors Targeting Gram-Positive Pathogens: In Vitro and In Silico Study. <i>Metabolites</i> , 2022, 12, 246.	1.3	9
2	Molecular characterization of the possible regulation of multiple bacteriocin production through a three-component regulatory system in <i>Enterococcus faecium</i> NKR-5-3. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 131-138.	1.1	3
3	The association between gut microbiota development and maturation of intestinal bile acid metabolism in the first 3 y of healthy Japanese infants. <i>Cut Microbes</i> , 2020, 11, 205-216.	4.3	25
4	Kunkecin A, a New Nisin Variant Bacteriocin Produced by the Fructophilic Lactic Acid Bacterium, <i>Apilactobacillus kunkeei</i> FF30-6 Isolated From Honey Bees. <i>Frontiers in Microbiology</i> , 2020, 11, 571903.	1.5	32
5	Processing and secretion of non-cognate bacteriocins by EnkT, an ABC transporter from a multiple-bacteriocin producer, <i>Enterococcus faecium</i> NKR-5-3. <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 596-603.	1.1	2
6	Dynamic simulation of continuous mixed sugar fermentation with increasing cell retention time for lactic acid production using <i>Enterococcus mundtii</i> QU 25. <i>Biotechnology for Biofuels</i> , 2020, 13, 112.	6.2	4
7	Mosaic Cooperativity in Slow Polypeptide Topological Isomerization Revealed by Residue-Specific NMR Thermodynamic Analysis. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1934-1939.	2.1	8
8	Carboxylated-cellulose nanofibers from oil palm empty fruit bunches enhanced extractive fermentation in microbial biobutanol production. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 415, 012019.	0.2	1
9	Non-carbon loss long-term continuous lactic acid production from mixed sugars using thermophilic <i>Enterococcus faecium</i> QU 50. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1673-1683.	1.7	10
10	Lowering effect of viable <i>Pediococcus pentosaceus</i> QU 19 on the rise in postprandial glucose. <i>Bioscience of Microbiota, Food and Health</i> , 2020, 39, 57-64.	0.8	6
11	Transcriptome profile of carbon catabolite repression in an efficient l-(+)-lactic acid-producing bacterium <i>Enterococcus mundtii</i> QU25 grown in media with combinations of cellobiose, xylose, and glucose. <i>PLoS ONE</i> , 2020, 15, e0242070.	1.1	3
12	Critical fermentation factors that influence the production of multiple bacteriocins of <i>Enterococcus faecium</i> NKR-5-3. <i>Annals of Tropical Research</i> , 2020, , 71-84.	0.1	1
13	Constitutive expression of phosphoketolase, a key enzyme for metabolic shift from homo- to heterolactic fermentation in <i>Enterococcus mundtii</i> QU 25. <i>Bioscience of Microbiota, Food and Health</i> , 2019, 38, 111-114.	0.8	1
14	Smart fermentation engineering for butanol production: designed biomass and consolidated bioprocessing systems. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9359-9371.	1.7	32
15	Relation between cell-bound exopolysaccharide production via plasmid-encoded genes and rugose colony morphology in the probiotic <i>Lactobacillus brevis</i> KB290. <i>Animal Science Journal</i> , 2019, 90, 1575-1580.	0.6	3
16	Complete Genome Sequence of <i>Enterococcus faecium</i> QU50, a Thermophilic Lactic Acid Bacterium Capable of Metabolizing Xylose. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	0
17	Plasmid-encoded glycosyltransferase operon is responsible for exopolysaccharide production, cell aggregation, and bile resistance in a probiotic strain, <i>Lactobacillus brevis</i> KB290. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 391-397.	1.1	24
18	Highly efficient continuous acetone-butanol-ethanol production from mixed sugars without carbon catabolite repression. <i>Bioresource Technology Reports</i> , 2019, 7, 100185.	1.5	11

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19	Functional analysis of biosynthetic genes for bacteriocins. Japanese Journal of Lactic Acid Bacteria, 2019, 30, 18-26.	0.1	0
20	Semi-hydrolysate of paper pulp without pretreatment enables a consolidated fermentation system with in situ product recovery for the production of butanol. Bioresource Technology, 2019, 278, 57-65.	4.8	16
21	Evaluation of leader peptides that affect the secretory ability of a multiple bacteriocin transporter, EnkT. Journal of Bioscience and Bioengineering, 2018, 126, 23-29.	1.1	16
22	Metabolic dependent and independent pH-drop shuts down VirSR quorum sensing in Clostridium perfringens. Journal of Bioscience and Bioengineering, 2018, 125, 525-531.	1.1	11
23	Diversified transporters and pathways for bacteriocin secretion in gram-positive bacteria. Applied Microbiology and Biotechnology, 2018, 102, 4243-4253.	1.7	31
24	ATPase activity regulation by leader peptide processing of ABC transporter maturation and secretion protein, NukT, for lantibiotic nukacin ISK-1. Applied Microbiology and Biotechnology, 2018, 102, 763-772.	1.7	8
25	The lantibiotic nukacin ISK-1 exists in an equilibrium between active and inactive lipid-II binding states. Communications Biology, 2018, 1, 150.	2.0	24
26	Recognizability of heterologous co-chaperones with <i>Streptococcus intermedius</i> DnaK and <i>Escherichia coli</i> DnaK. Microbiology and Immunology, 2018, 62, 681-693.	0.7	2
27	Circular and Leaderless Bacteriocins: Biosynthesis, Mode of Action, Applications, and Prospects. Frontiers in Microbiology, 2018, 9, 2085.	1.5	109
28	Greener L-lactic acid production through in situ extractive fermentation by an acid-tolerant Lactobacillus strain. Applied Microbiology and Biotechnology, 2018, 102, 6425-6435.	1.7	15
29	Semi-hydrolysis with low enzyme loading leads to highly effective butanol fermentation. Bioresource Technology, 2018, 264, 335-342.	4.8	24
30	Free lactic acid production under acidic conditions by lactic acid bacteria strains: challenges and future prospects. Applied Microbiology and Biotechnology, 2018, 102, 5911-5924.	1.7	73
31	Urban Diets Linked to Gut Microbiome and Metabolome Alterations in Children: A Comparative Cross-Sectional Study in Thailand. Frontiers in Microbiology, 2018, 9, 1345.	1.5	55
32	Novel biobutanol fermentation at a large extractant volume ratio using immobilized Clostridium saccharoperbutylacetonicum N1-4. Journal of Bioscience and Bioengineering, 2018, 126, 750-757.	1.1	15
33	Characterisation of the action mechanism of a Lactococcus-specific bacteriocin, lactococcin Z. Journal of Bioscience and Bioengineering, 2018, 126, 603-610.	1.1	23
34	LiaRS reporter assay: A simple tool to identify lipid II binding moieties in lantibiotic nukacin ISK-1. Journal of Bioscience and Bioengineering, 2017, 123, 398-401.	1.1	7
35	Thermophilic Enterococcus faecium QU 50 enabled open repeated batch fermentation for <i>scp</i> -lactic acid production from mixed sugars without carbon catabolite repression. RSC Advances, 2017, 7, 24233-24241.	1.7	16
36	Enhancement of acetone-butanol-ethanol fermentation from eucalyptus hydrolysate with optimized nutrient supplementation through statistical experimental designs. Renewable Energy, 2017, 113, 580-586.	4.3	9

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37	Functional analysis of the biosynthetic gene cluster required for immunity and secretion of a novel <i>Lactococcus</i> -specific bacteriocin, lactococcin Z. <i>Journal of Applied Microbiology</i> , 2017, 123, 1124-1132.	1.4	19
38	Stimulation of d- and l-lactate dehydrogenases transcriptional levels in presence of diammonium hydrogen phosphate resulting to enhanced lactic acid production by <i>Lactobacillus</i> strain. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 674-679.	1.1	12
39	Signatures in the gut microbiota of Japanese infants who developed food allergies in early childhood. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	35
40	Biorefinery-Based Lactic Acid Fermentation: Microbial Production of Pure Monomer Product. <i>Advances in Polymer Science</i> , 2017, , 27-66.	0.4	21
41	Impact of Westernized Diet on Gut Microbiota in Children on Leyte Island. <i>Frontiers in Microbiology</i> , 2017, 8, 197.	1.5	132
42	<i>In vitro&/i> synergistic activities of cefazolin and nisin A against mastitis pathogens. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1472-1479.	0.3	20
43	Mutations near the cleavage site of enterocin NKR-5-3B prepeptide reveal new insights into its biosynthesis. <i>Microbiology (United Kingdom)</i> , 2017, 163, 431-441.	0.7	18
44	Cationic Lipid Content in Liposome-Encapsulated Nisin Improves Sustainable Bactericidal Activity against <i>Streptococcus mutans</i> . <i>Open Dentistry Journal</i> , 2016, 10, 360-366.	0.2	9
45	Nutrition-adaptive control of multiple-bacteriocin production by <i>Weissella hellenica</i> QU 13. <i>Journal of Applied Microbiology</i> , 2016, 120, 70-79.	1.4	9
46	Two-Component Systems Involved in Susceptibility to Nisin A in <i>Streptococcus pyogenes</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 5930-5939.	1.4	9
47	Opportunities to overcome the current limitations and challenges for efficient microbial production of optically pure lactic acid. <i>Journal of Biotechnology</i> , 2016, 236, 176-192.	1.9	175
48	LnqR, a TetR-family transcriptional regulator, positively regulates lacticin Q production in <i>Lactococcus lactis</i> QU 5. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw200.	0.7	16
49	Alleviation of harmful effect in stillage reflux in food waste ethanol fermentation based on metabolic and side-product accumulation regulation. <i>Bioresource Technology</i> , 2016, 218, 463-468.	4.8	5
50	Highly efficient <i>L</i> -lactic acid production from xylose in cell recycle continuous fermentation using <i>Enterococcus mundtii</i> QU 25. <i>RSC Advances</i> , 2016, 6, 17659-17668.	1.7	40
51	Functional Analysis of Genes Involved in the Biosynthesis of Enterocin NKR-5-3B, a Novel Circular Bacteriocin. <i>Journal of Bacteriology</i> , 2016, 198, 291-300.	1.0	33
52	High acetone-“butanol” ethanol production in pH-stat co-feeding of acetate and glucose. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 176-182.	1.1	23
53	Stillage reflux in food waste ethanol fermentation and its by-product accumulation. <i>Bioresource Technology</i> , 2016, 209, 254-258.	4.8	23
54	l-Lactic acid production from glycerol coupled with acetic acid metabolism by <i>Enterococcus faecalis</i> without carbon loss. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 89-95.	1.1	43

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55	Effects of Japanese pepper and red pepper on the microbial community during nukadoko fermentation. <i>Bioscience of Microbiota, Food and Health</i> , 2015, 34, 1-9.	0.8	11
56	Diversity in gut bacterial community of school-age children in Asia. <i>Scientific Reports</i> , 2015, 5, 8397.	1.6	221
57	<i>Enterococcus faecium</i> QU 50: a novel thermophilic lactic acid bacterium for high-yield l-lactic acid production from xylose. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-7.	0.7	40
58	Cyclodepsipeptides produced by actinomycetes inhibit cyclic-peptide-mediated quorum sensing in Gram-positive bacteria. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv109.	0.7	33
59	Identification of Lactococcus-Specific Bacteriocins Produced by Lactococcal Isolates, and the Discovery of a Novel Bacteriocin, Lactococcin Z. <i>Probiotics and Antimicrobial Proteins</i> , 2015, 7, 222-231.	1.9	12
60	Identification, Characterization, and Three-Dimensional Structure of the Novel Circular Bacteriocin, Enterocin NKR-5-3B, from <i>Enterococcus faecium</i> . <i>Biochemistry</i> , 2015, 54, 4863-4876.	1.2	62
61	Purification and characterization of a novel plantaricin, KL-1Y, from <i>Lactobacillus plantarum</i> KL-1. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 983-994.	1.7	29
62	Enterocin F4-9, a Novel α -Linked Glycosylated Bacteriocin. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4819-4826.	1.4	57
63	In vitro catalytic activity of N-terminal and C-terminal domains in NukM, the post-translational modification enzyme of nukacin ISK-1. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 624-629.	1.1	17
64	Transcriptional regulation of xylose utilization in <i>Enterococcus mundtii</i> QU 25. <i>RSC Advances</i> , 2015, 5, 93283-93292.	1.7	4
65	Rationale design of quorum-quenching peptides that target the VirSR system of <i>Clostridium perfringens</i> . <i>FEMS Microbiology Letters</i> , 2015, 362, fnv188.	0.7	11
66	Enhanced Productions and Recoveries of Ethanol and Methane from Food Waste by a Three-Stage Process. <i>Energy & Fuels</i> , 2015, 29, 6494-6500.	2.5	22
67	Metabolic analysis of butanol production from acetate in <i>Clostridium saccharoperbutylacetonicum</i> N1-4 using ^{13}C tracer experiments. <i>RSC Advances</i> , 2015, 5, 8486-8495.	1.7	30
68	Feasibility of acetone to butanol ethanol fermentation from eucalyptus hydrolysate without nutrients supplementation. <i>Applied Energy</i> , 2015, 140, 113-119.	5.1	46
69	Fermentative production of lactic acid from renewable materials: Recent achievements, prospects, and limits. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 10-18.	1.1	234
70	Fed-batch fermentation for enhanced lactic acid production from glucose/xylose mixture without carbon catabolite repression. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 153-158.	1.1	66
71	Recent advances to improve fermentative butanol production: Genetic engineering and fermentation technology. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 1-9.	1.1	175
72	Molecular characterization of the genes involved in the secretion and immunity of lactococcin Q, a two-peptide bacteriocin produced by <i>Lactococcus lactis</i> QU 4. <i>Microbiology (United Kingdom)</i> , 2015, 161, 2069-2078.	0.7	10

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73	Bactericidal activity of nukacin ISK-1: an alternative mode of action. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 1270-1273.	0.6	13
74	Novel bacteriocins from lactic acid bacteria (LAB): various structures and applications. <i>Microbial Cell Factories</i> , 2014, 13, S3.	1.9	363
75	Biological function of a DUF95 superfamily protein involved in the biosynthesis of a circular bacteriocin, leucocyclicin Q. <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 158-164.	1.1	22
76	L-(+)-Lactic acid production by co-fermentation of cellobiose and xylose without carbon catabolite repression using <i>Enterococcus mundtii</i> QU 25. <i>RSC Advances</i> , 2014, 4, 22013-22021.	1.7	29
77	Complete Genome Sequence of <i>Enterococcus mundtii</i> QU 25, an Efficient L-(+)-Lactic Acid-Producing Bacterium. <i>DNA Research</i> , 2014, 21, 369-377.	1.5	22
78	Gene Cluster Responsible for Secretion of and Immunity to Multiple Bacteriocins, the NKR-5-3 Enterocins. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6647-6655.	1.4	23
79	Structural elucidation of an asparagine-linked oligosaccharide from the hyperthermophilic archaeon, <i>Pyrococcus furiosus</i> . <i>Carbohydrate Research</i> , 2014, 387, 30-36.	1.1	19
80	Monitoring of the microbiota profile in nukadoko, a naturally fermented rice bran bed for pickling vegetables. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 520-525.	1.1	27
81	Innovative studies on lactic acid bacteria for the new industries. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2014, 25, 155-165.	0.1	0
82	Screening and applications of bacteriocins from lactic acid bacteria. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2014, 25, 24-33.	0.1	1
83	Immuno-Electron Microscopy of Primary Cell Cultures from Genetically Modified Animals in Liquid by Atmospheric Scanning Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 469-483.	0.2	25
84	Recent advances and future prospects for increased butanol production by acetone-butanol-ethanol fermentation. <i>Engineering in Life Sciences</i> , 2013, 13, 432-445.	2.0	71
85	Improved lactic acid productivity by an open repeated batch fermentation system using <i>Enterococcus mundtii</i> QU 25. <i>RSC Advances</i> , 2013, 3, 8437.	1.7	54
86	Chemically defined media and auxotrophy of the prolific l-lactic acid producer <i>Lactococcus lactis</i> IO-1. <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 481-484.	1.1	8
87	Efficient butanol production without carbon catabolite repression from mixed sugars with <i>Clostridium saccharoperbutylacetonicum</i> N1-4. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 716-721.	1.1	45
88	Continuous butanol fermentation from xylose with high cell density by cell recycling system. <i>Bioresource Technology</i> , 2013, 129, 360-365.	4.8	69
89	Identification and characterization of novel multiple bacteriocins produced by <i>Lactobacillus sakei</i> D98. <i>Journal of Applied Microbiology</i> , 2013, 115, 61-69.	1.4	36
90	Recent advances in lactic acid production by microbial fermentation processes. <i>Biotechnology Advances</i> , 2013, 31, 877-902.	6.0	758

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91	Involvement of the Novel Two-Component NsrRS and LcrRS Systems in Distinct Resistance Pathways against Nisin A and Nukacin ISK-1 in <i>Streptococcus mutans</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 4751-4755.	1.4	32
92	Up to Species-level Community Analysis of Human Gut Microbiota by 16S rRNA Amplicon Pyrosequencing. <i>Bioscience of Microbiota, Food and Health</i> , 2013, 32, 69-76.	0.8	15
93	Three Distinct Two-Component Systems Are Involved in Resistance to the Class I Bacteriocins, Nukacin ISK-1 and Nisin A, in <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2013, 8, e69455.	1.1	54
94	Production of Acetone, Butanol and Ethanol as Bioenergy Source Materials by <i>Clostridium saccharoperbutylacetonicum</i> N1-4 (ATCC 13564) using Different Substrates. <i>Microbiology Indonesia</i> , 2013, 7, 113-123.	0.2	1
95	Complete Genome Sequence of <i>Lactococcus lactis</i> IO-1, a Lactic Acid Bacterium That Utilizes Xylose and Produces High Levels of γ -Lactic Acid. <i>Journal of Bacteriology</i> , 2012, 194, 2102-2103.	1.0	49
96	Identification of the genes involved in the secretion and self-immunity of lacticin Q, an unmodified leaderless bacteriocin from <i>Lactococcus lactis</i> QU 5. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2927-2935.	0.7	25
97	Isolation and Characterization of Enterocin W, a Novel Two-Peptide Lantibiotic Produced by <i>Enterococcus faecalis</i> NKR-4-1. <i>Applied and Environmental Microbiology</i> , 2012, 78, 900-903.	1.4	45
98	Identification of Enterocin NKR-5-3C, a Novel Class IIa Bacteriocin Produced by a Multiple Bacteriocin Producer, <i>Enterococcus faecium</i> NKR-5-3. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1245-1247.	0.6	27
99	Garvieacin Q, a Novel Class II Bacteriocin from <i>Lactococcus garvieae</i> BCC 43578. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1619-1623.	1.4	59
100	New type non-lantibiotic bacteriocins: circular and leaderless bacteriocins. <i>Beneficial Microbes</i> , 2012, 3, 3-12.	1.0	42
101	Cholesterol-lowering Effects of <i>Lactobacillus brevis</i> Isolated from Turnip "Tsuda Kabu". <i>Food Science and Technology Research</i> , 2012, 18, 825-834.	0.3	6
102	Antibacterial Peptides "Bacteriocins": An Overview of Their Diverse Characteristics and Applications. <i>Biocontrol Science</i> , 2012, 17, 1-16.	0.2	137
103	Antimicrobial mechanism of lantibiotics. <i>Biochemical Society Transactions</i> , 2012, 40, 1528-1533.	1.6	95
104	Novel high butanol production from lactic acid and pentose by <i>Clostridium saccharoperbutylacetonicum</i> . <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 526-530.	1.1	30
105	Monitoring of the multiple bacteriocin production by <i>Enterococcus faecium</i> NKR-5-3 through a developed liquid chromatography and mass spectrometry-based quantification system. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 490-496.	1.1	33
106	Development of high-speed and highly efficient butanol production systems from butyric acid with high density of living cells of <i>Clostridium saccharoperbutylacetonicum</i> . <i>Journal of Biotechnology</i> , 2012, 157, 605-612.	1.9	34
107	Purification and Characterization of Multiple Bacteriocins and an Inducing Peptide Produced by <i>Enterococcus faecium</i> NKR-5-3 from Thai Fermented Fish. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 947-953.	0.6	65
108	Ring A of Nukacin ISK-1: A Lipid II-Binding Motif for Type-A(II) Lantibiotic. <i>Journal of the American Chemical Society</i> , 2012, 134, 3687-3690.	6.6	67

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109	Single Step Lactic Acid Production from Cassava Starch by <i>Lactobacillus plantarum</i> SW14 in Conventional Continuous and Continuous with High Cell Density. <i>APCBEE Procedia</i> , 2012, 2, 97-103.	0.5	18
110	Characterization and identification of weissellicin Y and weissellicin M, novel bacteriocins produced by <i>Weissella hellenica</i> QU 13. <i>Journal of Applied Microbiology</i> , 2012, 112, 99-108.	1.4	59
111	Role of <i>Streptococcus intermedius</i> DnaK chaperone system in stress tolerance and pathogenicity. <i>Cell Stress and Chaperones</i> , 2012, 17, 41-55.	1.2	29
112	Enhanced production of nukacin D13E in <i>Lactococcus lactis</i> NZ9000 by the additional expression of immunity genes. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 671-678.	1.7	4
113	Efficient Homofermentative <i>Lactobacillus</i> (+)-Lactic Acid Production from Xylose by a Novel Lactic Acid Bacterium, <i>Enterococcus mundtii</i> QU 25. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1892-1895.	1.4	75
114	Engineering Unusual Amino Acids into Peptides Using Lantibiotic Synthetase. <i>Methods in Molecular Biology</i> , 2011, 705, 225-236.	0.4	8
115	Lactic acid production from lignocellulose-derived sugars using lactic acid bacteria: Overview and limits. <i>Journal of Biotechnology</i> , 2011, 156, 286-301.	1.9	447
116	Structural and Functional Diversity of Lantibiotic Immunity Proteins. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1231-1239.	0.9	10
117	16S rRNA pyrosequencing-based investigation of the bacterial community in nukadoko, a pickling bed of fermented rice bran. <i>International Journal of Food Microbiology</i> , 2011, 144, 352-359.	2.1	86
118	Purification, characterization and in vitro cytotoxicity of the bacteriocin from <i>Pediococcus acidilactici</i> K2a2-3 against human colon adenocarcinoma (HT29) and human cervical carcinoma (HeLa) cells. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 975-980.	1.7	72
119	Isolation and characterisation of lactic acid bacterium for effective fermentation of cellobiose into optically pure homo l-(+)-lactic acid. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1039-1049.	1.7	61
120	Continuous d-lactic acid production by a novel thermotolerant <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> QU 41. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1741-1750.	1.7	102
121	Methodologies and Strategies for the Bioengineering of Lantibiotics. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1221-1230.	0.9	8
122	Lantibiotic Transporter Requires Cooperative Functioning of the Peptidase Domain and the ATP Binding Domain. <i>Journal of Biological Chemistry</i> , 2011, 286, 11163-11169.	1.6	27
123	Identification and Characterization of Leucocyclicin Q, a Novel Cyclic Bacteriocin Produced by <i>Leuconostoc mesenteroides</i> TK41401. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8164-8170.	1.4	90
124	<i>Fructobacillus tropaeoli</i> sp. nov., a fructophilic lactic acid bacterium isolated from a flower. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 898-902.	0.8	70
125	LAB bacteriocins: screening, discovery and applications.. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2011, 22, 38-48.	0.1	1
126	Characterization of modification enzyme NukM and engineering of a novel thioether bridge in lantibiotic nukacin ISK-1. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 891-899.	1.7	13

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145	Kinetic study of substrate dependency for higher butanol production in acetone-butanol-ethanol fermentation. <i>Process Biochemistry</i> , 2008, 43, 1452-1461.	1.8	78
146	Description of durancin TW-49M, a novel enterocin B-homologous bacteriocin in carrot-isolated <i>Enterococcus durans</i> QU 49. <i>Journal of Applied Microbiology</i> , 2008, 105, 681-690.	1.4	27
147	Biosynthetic characterization and biochemical features of the third natural nisin variant, nisin Q, produced by <i>Lactococcus lactis</i> 61-14. <i>Journal of Applied Microbiology</i> , 2008, 105, 1982-1990.	1.4	36
148	Construction of <i>Escherichia coli</i> dnaK-deletion mutant infected by λ DE3 for overexpression and purification of recombinant GrpE proteins. <i>Protein Expression and Purification</i> , 2008, 60, 31-36.	0.6	8
149	Molecular Chaperones in Lactic Acid Bacteria: Physiological Consequences and Biochemical Properties. <i>Journal of Bioscience and Bioengineering</i> , 2008, 106, 324-336.	1.1	57
150	<i>In Vivo</i> and <i>In Vitro</i> Complementation Study Comparing the Function of DnaK Chaperone Systems from Halophilic Lactic Acid Bacterium <i>Tetragenococcus halophilus</i> and <i>Escherichia coli</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 811-822.	0.6	13
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