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Antibacterial mechanism of lactic acid on physiological and morphological properties of Salmonella Enteritidis, Escherichia coli and Listeria monocytogenes

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#	Paper	IF	Citations
187	Preparation, characterization and antibacterial activity of octenyl succinic anhydride modified inulin. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 78, 79-86	7.9	18
186	In vitro antibacterial activities and mechanism of sugar fatty acid esters against five food-related bacteria. <b>2015</b> , 187, 370-7		108
185	The antibiotic activity and mechanisms of sugarcane (Saccharum officinarum L.) bagasse extract against food-borne pathogens. <b>2015</b> , 185, 112-8		94
184	Transforming linoleic acid into a nanoemulsion for enhanced activity against methicillin susceptible and resistant Staphylococcus aureus. <b>2015</b> , 5, 90482-90492		14
183	Synthesis and Research of Modified Carbon Sorbents with Hydroxy Acids. <b>2016</b> , 152, 639-646		4
182	Chemical composition, antibacterial activity and related mechanism of the essential oil from the leaves of Juniperus rigida Sieb. et Zucc against Klebsiella pneumoniae. <b>2016</b> , 194, 698-705		52
181	Disinfection of water by pulsed power technique: a mechanistic perspective. <b>2016</b> , 6, 11980-11990		20
180	Microbial load reduction of sweet basil using acidic electrolyzed water and lactic acid in combination with mild heat. <i>Food Control</i> , <b>2016</b> , 64, 29-36	6.2	16
179	Disinfection efficacy and mechanism of slightly acidic electrolyzed water on Staphylococcus aureus in pure culture. <i>Food Control</i> , <b>2016</b> , 60, 505-510	6.2	55
178	Antibacterial activity of phenyllactic acid against Listeria monocytogenes and Escherichia coli by dual mechanisms. <b>2017</b> , 228, 533-540		74
177	Effects of sanitizing treatments with atmospheric cold plasma, SDS and lactic acid on verotoxin-producing Escherichia coli and Listeria monocytogenes in red chicory (radicchio). <i>Food Control</i> , <b>78</b> , 138-143	6.2	28
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174	Antibacterial effects of Lactobacillus isolates of curd and human milk origin against food-borne and human pathogens. <i>3 Biotech</i> , <b>2017</b> , 7, 31	2.8	29
173	The antibiotic activity and mechanisms of sugar beet (Beta vulgaris) molasses polyphenols against selected food-borne pathogens. <i>LWT - Food Science and Technology</i> , <b>2017</b> , 82, 354-360	5.4	42
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167	Biotechnological advances in lactic acid production by lactic acid bacteria: lignocellulose as novel substrate. <b>2018</b> , 12, 290-303		82
166	Antimicrobial action of flavonoids from Sedum aizoon L. against lactic acid bacteria in vitro and in refrigerated fresh pork meat. <b>2018</b> , 40, 744-750		16
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161	Inhibitory Effects and Killing Kinetics of Lactic Acid Rice Gel Against Pathogenic Bacteria Causing Bovine Mastitis. <b>2018</b> , 86,		9
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	Bovine Mastitis. 2018, 86,  Effect of thyme essential oil against Bacillus cereus planktonic growth and biofilm formation.	5.7	
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148	Action mechanism of pulsed magnetic field against E. coli O157:H7 and its application in vegetable juice. <i>Food Control</i> , <b>2019</b> , 95, 150-156	6.2	11
147	Isolation and identification of anti-periodontitis ingredients in Lactobacillus paracasei subsp. paracasei NTU 101-fermented skim milk in vitro. <b>2019</b> , 60, 103449		1
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144	Disinfection of lettuce using organic acids: an ecological analysis using 16S rRNA sequencing <b>2019</b> , 9, 17514-17520		14
143	Potential of lactic acid bacteria from asam durian as a probiotic candidate for chicken. <b>2019</b> , 546, 062019	)	O
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139	Antimicrobial activity of flavonoids from L. against in culture medium and in frozen pork. <b>2019</b> , 7, 3224-3	232	7
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136	Reduction of O157:H7 and naturally present microbes on fresh-cut lettuce using lactic acid and aqueous ozone <b>2019</b> , 9, 22636-22643		22
135	Reduction of and Typhimurium on Blueberries through Brief Exposure to Antimicrobial Solutions Coupled with Freezing. <b>2019</b> , 82, 926-930		3

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126	Potential growth of Listeria monocytogenes in Italian mozzarella cheese as affected by microbiological and chemical-physical environment. <b>2019</b> , 102, 4913-4924		12
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122	Antifungal activity and mechanism of citral, limonene and eugenol against Zygosaccharomyces rouxii. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 106, 50-56	5.4	40
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119	In vitro activity and In vivo efficacy of Isoliquiritigenin against Staphylococcus xylosus ATCC 700404 by IGPD target. <b>2019</b> , 14, e0226260		4
118	Antibacterial activity of essential oil and its mechanism against <b>2019</b> , 9, 28987-28995		18
117	Antibacterial activity and mechanism of lactobionic acid against Pseudomonas fluorescens and Methicillin-resistant Staphylococcus aureus and its application on whole milk. <i>Food Control</i> , <b>2020</b> , 108, 106876	6.2	30

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106	Selection of Potential Probiotic Bacteria from Exclusively Breastfed Infant Faeces with Antagonistic Activity Against Multidrug-Resistant ESKAPE Pathogens. <b>2021</b> , 13, 739-750		3
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95	Evaluation of viability of E. coli O157: H7 on chlorine and lactic acid treated spinach leaves using combined propidium monoazide staining and real-time PCR. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 125, 109259	5.4	2
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83	Comparative Studies of Inhibitory and Antioxidant Activities, and Organic Acids Compositions of Postbiotics Produced by Probiotic Strains Isolated From Malaysian Foods. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 602280	3.1	8
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78	Antimicrobial and anti-biofilm activity of thymoquinone against Shigella flexneri. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 4709-4718	5.7	5
77	Antibacterial effect of Blumea balsamifera (L.) DC. essential oil against Staphylococcus aureus. <i>Archives of Microbiology</i> , <b>2021</b> , 203, 3981-3988	3	4
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67	Microencapsulation and antimicrobial activity of extract acetone-methanol of Hibiscus sabdariffa L. using a blend modified starch and pectin as a wall material. <i>Industrial Crops and Products</i> , <b>2021</b> , 170, 11	3 <del>7</del> 25	4
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61	Organic acids and hydrogen peroxide can replace chlorinated compounds as sanitizers on strawberries, cucumbers and rocket leaves. <i>Food Science and Technology</i> , <b>2020</b> , 40, 242-249	2	12
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56	Inhibitory effects of lactobionic acid on Vibrio parahaemolyticus planktonic cells and biofilms <i>Food Microbiology</i> , <b>2022</b> , 103, 103963	6	5
55	The Prebiotic Effect of Triple Biotic Technology on Skin Health. <i>Journal of Cosmetics Dermatological Sciences and Applications</i> , <b>2021</b> , 11, 304-319	0.2	
54	Antibacterial effect of citral on yersinia enterocolitica and its mechanism. Food Control, 2022, 135, 108	77652	4
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51	Potential Ophthalmological Application of Extracts Obtained from Tuna Vitreous Humor Using Lactic Acid-Based Deep Eutectic Systems <i>Foods</i> , <b>2022</b> , 11,	4.9	O
50	Inhibition Activity of Plantaricin Q7 Produced by Lactobacillus plantarum Q7 against Listeria monocytogenes and Its Biofilm. <i>Fermentation</i> , <b>2022</b> , 8, 75	4.7	1
49	Antimicrobial Activity and Action Mechanism of Thymoquinone against and Its Spores <i>Foods</i> , <b>2021</b> , 10,	4.9	2
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47	Streptococcus mutans and Candida albicans Biofilm Inhibitors Produced by Lactiplantibacillus plantarum CCFM8724 <i>Current Microbiology</i> , <b>2022</b> , 79, 143	2.4	2
46	Pre-Growth Environmental Stresses Affect Foodborne Pathogens Response to Subsequent Chemical Treatments <i>Microorganisms</i> , <b>2022</b> , 10,	4.9	О
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27	Efficacy of Acidified Oils against Salmonella in Low-Moisture Environments. <b>2022</b> , 88,		1

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25	Juglone Inhibits Listeria monocytogenes ATCC 19115 by Targeting Cell Membrane and Protein. <b>2022</b> , 11, 2558	O
24	Ultrasound-assisted probiotics fermentation suspension treatment under mild heat to improve the storage quality of freshly cut lotus root. <b>2022</b> , 397, 133823	
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19	Biocompatible Self-Assembled Hydrogen-Bonded Gels Based on Natural Deep Eutectic Solvents and Hydroxypropyl Cellulose with Strong Antimicrobial Activity. <b>2022</b> , 8, 666	O
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16	Sterilising effect of high power pulse microwave on Listeria monocytogenes. 2022, 29, 1168-1178	О
15	Impact of a novel synthetic nanofibre matrix to treat hard-to-heal wounds. <b>2022</b> , 31, 962-968	O
14	Inactivation of Clostridium perfringens C1 Spores by the Combination of Mild Heat and Lactic Acid. <b>2022</b> , 11, 3771	O
13	New Insights into the Lactic Acid Resistance Determinants of Listeria monocytogenes Based on Transposon Sequencing and Transcriptome Sequencing Analyses.	O
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11	Susceptibility of Salmonella serotypes isolated from meat and meat contact surfaces to thermal, acidic, and alkaline treatments and disinfectants.	O
10	Olive Mill Wastewater Fermented with Microbial Pools as a New Potential Functional Beverage. <b>2023</b> , 28, 646	О
9	Probiotics-Fermented Grifola frondosa Total Active Components: Better Antioxidation and Microflora Regulation for Alleviating Alcoholic Liver Damage in Mice. <b>2023</b> , 24, 1406	O

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4	Antibacterial mechanism of rose essential oil against Pseudomonas putida isolated from white Hypsizygus marmoreus at cellular and metabolic levels. <b>2023</b> , 196, 116523	O
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2	Application of Encapsulated and Dry-plated Food Acidulants to Control Salmonella enterica in Raw Meat-based Diets for Dogs. <b>2023</b> , 86, 100077	0
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