

Sae-Hun Kim

List of Publications by Year in descending order

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46
papers

1,367
citations

331538

21
h-index

360920

35
g-index

46
all docs

46
docs citations

46
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of microencapsulation on viability and other characteristics in <i>Lactobacillus acidophilus</i> ATCC 43121. <i>LWT - Food Science and Technology</i> , 2008, 41, 493-500.	2.5	159
2	Evaluation of probiotic characteristics of newly isolated <i>Lactobacillus</i> spp.: Immune modulation and longevity. <i>International Journal of Food Microbiology</i> , 2011, 148, 80-86.	2.1	143
3	Cancer-protective effect of a synbiotic combination between <i>Lactobacillus gasseri</i> 505 and a <i>Cudrania tricuspidata</i> leaf extract on colitis-associated colorectal cancer. <i>Gut Microbes</i> , 2020, 12, 1785803.	4.3	85
4	Effect of dietary inclusion of <i>Lactobacillus acidophilus</i> ATCC 43121 on cholesterol metabolism in rats. <i>Journal of Microbiology and Biotechnology</i> , 2007, 17, 655-62.	0.9	71
5	Probiotic <i>Lactobacillus fermentum</i> strain JDFM216 stimulates the longevity and immune response of <i>Caenorhabditis elegans</i> through a nuclear hormone receptor. <i>Scientific Reports</i> , 2018, 8, 7441.	1.6	59
6	Enhanced Microbial, Functional and Sensory Properties of Herbal Yogurt Fermented with Korean Traditional Plant Extracts. <i>Korean Journal for Food Science of Animal Resources</i> , 2016, 36, 90-99.	1.5	56
7	Effects of a <i>Lactobacillus casei</i> 393 fermented milk product on bone metabolism in ovariectomised rats. <i>International Dairy Journal</i> , 2009, 19, 690-695.	1.5	54
8	Anti-inflammatory and Anti-osteoporotic Potential of <i>Lactobacillus plantarum</i> A41 and <i>L. fermentum</i> SRK414 as Probiotics. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 623-634.	1.9	51
9	Laxative effect of probiotic chocolate on loperamide-induced constipation in rats. <i>Food Research International</i> , 2019, 116, 1173-1182.	2.9	50
10	Characterization of the Cholesterol-Reducing Activity in a Cell-Free Supernatant of <i>Lactobacillus acidophilus</i> ATCC 43121. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 1483-1490.	0.6	46
11	Probiotics Ameliorate Stool Consistency in Patients with Chronic Constipation: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Digestive Diseases and Sciences</i> , 2018, 63, 2754-2764.	1.1	46
12	<i>Bacillus licheniformis</i> Isolated from Traditional Korean Food Resources Enhances the Longevity of <i>Caenorhabditis elegans</i> through Serotonin Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10227-10233.	2.4	43
13	Bone-protective effects of <i>Lactobacillus plantarum</i> B719 fermented milk product. <i>International Journal of Dairy Technology</i> , 2020, 73, 706-717.	1.3	43
14	Chemical characteristics and enhanced hepatoprotective activities of Maillard reaction products derived from milk protein-sugar system. <i>Journal of Dairy Science</i> , 2016, 99, 947-958.	1.4	34
15	Microbiological characterization and functionality of set-type yogurt fermented with potential prebiotic substrates <i>Cudrania tricuspidata</i> and <i>Morus alba</i> L. leaf extracts. <i>Journal of Dairy Science</i> , 2016, 99, 6014-6025.	1.4	31
16	Probiotic Properties of <i>Lactobacillus Plantarum</i> LRCC5193, a Plant-Origin Lactic Acid Bacterium Isolated from Kimchi and Its Use in Chocolates. <i>Journal of Food Science</i> , 2018, 83, 2802-2811.	1.5	29
17	Glycated milk protein fermented with <i>Lactobacillus rhamnosus</i> ameliorates the cognitive health of mice under mild-stress condition. <i>Gut Microbes</i> , 2020, 11, 1643-1661.	4.3	29
18	Improved functionality of fermented milk is mediated by the synbiotic interaction between <i>Cudrania tricuspidata</i> leaf extract and <i>Lactobacillus gasseri</i> strains. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5919-5932.	1.7	28

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19	Milk products fermented by <i>Lactobacillus</i> strains modulate the gut–bone axis in an ovariectomised murine model. <i>International Journal of Dairy Technology</i> , 2020, 73, 743-756.	1.3	28
20	Association between the body weight of growing pigs and the functional capacity of their gut microbiota. <i>Animal Science Journal</i> , 2020, 91, e13418.	0.6	27
21	Characterization of the Microbial Diversity and Chemical Composition of Gouda Cheese Made by Potential Probiotic Strains as an Adjunct Starter Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7357-7366.	2.4	23
22	Enhancement of Antioxidative and Intestinal Anti-inflammatory Activities of Glycated Milk Casein after Fermentation with <i>Lactobacillus rhamnosus</i> 4B15. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4744-4754.	2.4	21
23	<i>Lactobacillus</i> fermented milk products attenuate bone loss in an experimental rat model of ovariectomy-induced postmenopausal primary osteoporosis. <i>Journal of Applied Microbiology</i> , 2021, 130, 2041-2062.	1.4	18
24	Protective Effect of LA12 in an Alcohol-Induced Rat Model of Alcoholic Steatohepatitis. <i>Korean Journal for Food Science of Animal Resources</i> , 2017, 37, 931-939.	1.5	18
25	<i>Sandaracinobacter neustonicus</i> sp. nov., isolated from the sea surface microlayer in the Southwestern Pacific Ocean, and emended description of the genus <i>Sandaracinobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4698-4703.	0.8	15
26	Gut microbiota modulation by both <i>Lactobacillus fermentum</i> MSK 408 and ketogenic diet in a murine model of pentylenetetrazole-induced acute seizure. <i>Epilepsy Research</i> , 2021, 169, 106506.	0.8	14
27	Antiobesity Effect of Novel Probiotic Strains in a Mouse Model of High-Fat Diet-Induced Obesity. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1054-1067.	1.9	14
28	Prophylactic use of probiotic chocolate modulates intestinal physiological functions in constipated rats. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3045-3056.	1.7	13
29	A synbiotic combination of <i>Lactobacillus gasseri</i> 505 and <i>Cudrania tricuspidata</i> leaf extract prevents hepatic toxicity induced by colorectal cancer in mice. <i>Journal of Dairy Science</i> , 2020, 103, 2947-2955.	1.4	12
30	Anticancer activity of lactoferrin isolated from caprine colostrum on human cancer cell lines. <i>International Journal of Dairy Technology</i> , 2009, 62, 277-281.	1.3	11
31	Neuroprotective effect of both synbiotics and ketogenic diet in a pentylenetetrazol-induced acute seizure murine model. <i>Epilepsy Research</i> , 2021, 174, 106668.	0.8	11
32	Isolation of <i>Lactococcus lactis</i> ssp. <i>cremoris</i> LRCC5306 and Optimization of Diacetyl Production Conditions for Manufacturing Sour Cream. <i>Food Science of Animal Resources</i> , 2021, 41, 373-385.	1.7	10
33	Isolation of the Cholesterol-Assimilating Strain <i>Pediococcus acidilactici</i> LRCC5307 and Production of Low-Cholesterol Butter. <i>Food Science of Animal Resources</i> , 2021, 41, 300-311.	1.7	8
34	Selection and Characterization of Probiotic Bacteria Exhibiting Antiadipogenic Potential in 3T3-L1 Preadipocytes. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 72-86.	1.9	8
35	Dietary cholesterol affects expression of prostatic acid phosphatase in reproductive organs of male rats. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 421-427.	1.0	7
36	Short communication: Hypolipidemic and antiinflammatory effects of fermented Maillard reaction products by <i>Lactobacillus fermentum</i> H9 in an animal model. <i>Journal of Dairy Science</i> , 2016, 99, 9415-9423.	1.4	7

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37	Prevention of bone loss by using Lactobacillus-fermented milk products in a rat model of glucocorticoid-induced secondary osteoporosis. <i>International Dairy Journal</i> , 2020, 109, 104788.	1.5	6
38	The anti-inflammatory and anti-oxidative potential of synbiotics in two independent cell lines. <i>International Journal of Dairy Technology</i> , 2021, 74, 518-527.	1.3	6
39	Probiotics Inhibit Lipopolysaccharide-Induced Interleukin-8 Secretion from Intestinal Epithelial Cells. <i>Korean Journal for Food Science of Animal Resources</i> , 2012, 32, 434-440.	1.5	6
40	Prevention of Cholesterol Gallstone Formation by Lactobacillus acidophilus ATCC 43121 and Lactobacillus fermentum MF27 in Lithogenic Diet-Induced Mice. <i>Food Science of Animal Resources</i> , 2021, 41, 343-352.	1.7	5
41	Identification of Spices Promoting the Growth of Lactic Acid Bacteria and Modulation of Tight Junction Protein at mRNA Level by the Fermented Product of Red Pepper (<i>Capsicum annuum</i> L.) in HT-29 Cell. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 16-28.	0.2	5
42	Establishment of quality criteria and estimate of shelf-life for yogurt beverage and stirred-type yogurt in Korea. <i>Food Science and Biotechnology</i> , 2013, 22, 477-483.	1.2	4
43	Fermented Maillard reaction products attenuate stress-induced testicular dysfunction in mice. <i>Journal of Dairy Science</i> , 2021, 104, 1384-1393.	1.4	4
44	A Non-yeast Kefir-like Fermented Milk Development with Lactobacillus acidophilus KCNU and Lactobacillus brevis Bmb6. <i>Food Science of Animal Resources</i> , 2020, 40, 541-550.	1.7	4
45	A Synbiotic Combination of Lactobacillus gasseri 505 and Cudrania tricuspidata Leaf Extract Prevents Stress-Induced Testicular Dysfunction in Mice. <i>Frontiers in Endocrinology</i> , 2022, 13, 835033.	1.5	4
46	Therapeutic Effects of Gleditsia sinensis Thorn Extract Fermented by Lactobacillus casei 3260 in a Type II Collagen-Induced Rheumatoid Arthritis Mouse Model. <i>Food Science of Animal Resources</i> , 2021, 41, 497-508.	1.7	1