

# Chang-Ho Kang

## List of Publications by Year in descending order

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62  
papers

2,046  
citations

394421  
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254184  
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63  
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times ranked

2011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactobacillus gasseri MG4247 and Lactocaseibacillus paracasei MG4272 and MG4577 Modulate Allergic Inflammatory Response in RAW 264.7 and RBL-2H3 cells. Probiotics and Antimicrobial Proteins, 2023, 15, 1092-1101.	3.9	6
2	Effects of Lactobacillus curvatus MG5246 on inflammatory markers in Porphyromonas gingivalis lipopolysaccharide-sensitized human gingival fibroblasts and periodontitis rat model. Food Science and Biotechnology, 2022, 31, 111-120.	2.6	6
3	Limosilactobacillus fermentum MG4295 Improves Hyperglycemia in High-Fat Diet-Induced Mice. Foods, 2022, 11, 231.	4.3	6
4	Antioxidant Activity and Probiotic Properties of Lactic Acid Bacteria. Fermentation, 2022, 8, 29.	3.0	37
5	Antioxidant Effect via Bioconversion of Isoflavonoid in Astragalus membranaceus Fermented by Lactiplantibacillus plantarum MG5276 In Vitro and In Vivo. Fermentation, 2022, 8, 34.	3.0	3
6	Probiotics Alleviate Oxidative Stress in H <sub>2</sub> O <sub>2</sub> -Exposed Hepatocytes and t-BHP-Induced C57BL/6 Mice. Microorganisms, 2022, 10, 234.	3.6	18
7	Lactobacilli Strain Mixture Alleviates Bacterial Vaginosis through Antibacterial and Antagonistic Activity in Gardnerella vaginalis-Infected C57BL/6 Mice. Microorganisms, 2022, 10, 471.	3.6	9
8	Anti-Tumor Effects of Heat-Killed L. reuteri MG5346 and L. casei MG4584 against Human Colorectal Carcinoma through Caspase-9-Dependent Apoptosis in Xenograft Model. Microorganisms, 2022, 10, 533.	3.6	15
9	Bifidobacterium animalis ssp. lactis MG741 Reduces Body Weight and Ameliorates Nonalcoholic Fatty Liver Disease via Improving the Gut Permeability and Amelioration of Inflammatory Cytokines. Nutrients, 2022, 14, 1965.	4.1	12
10	Improvements in Human Keratinocytes and Antimicrobial Effect Mediated by Cell-Free Supernatants Derived from Probiotics. Fermentation, 2022, 8, 332.	3.0	8
11	Effects of Probiotic Culture Supernatant on Cariogenic Biofilm Formation and RANKL-Induced Osteoclastogenesis in RAW 264.7 Macrophages. Molecules, 2021, 26, 733.	3.8	22
12	Antioxidant activity and short-chain fatty acid production of lactic acid bacteria isolated from Korean individuals and fermented foods. 3 Biotech, 2021, 11, 217.	2.2	47
13	Heat-Killed Lactic Acid Bacteria Inhibit Nitric Oxide Production via Inducible Nitric Oxide Synthase and Cyclooxygenase-2 in RAW 264.7 Cells. Probiotics and Antimicrobial Proteins, 2021, 13, 1530-1538.	3.9	16
14	Lactiplantibacillus plantarum MG4296 and Lactocaseibacillus paracasei MG5012 Ameliorates Insulin Resistance in Palmitic Acid-Induced HepG2 Cells and High Fat Diet-Induced Mice. Microorganisms, 2021, 9, 1139.	3.6	9
15	In Vitro Antidiabetic, Antioxidant Activity, and Probiotic Activities of Lactiplantibacillus plantarum and Lactocaseibacillus paracasei Strains. Current Microbiology, 2021, 78, 3181-3191.	2.2	20
16	The Antioxidant, Anti-Diabetic, and Anti-Adipogenesis Potential and Probiotic Properties of Lactic Acid Bacteria Isolated from Human and Fermented Foods. Fermentation, 2021, 7, 123.	3.0	22
17	Lactic Acid Bacteria Exert a Hepatoprotective Effect against Ethanol-Induced Liver Injury in HepG2 Cells. Microorganisms, 2021, 9, 1844.	3.6	21
18	In Vivo Confirmation of the Antimicrobial Effect of Probiotic Candidates against Gardnerella vaginalis. Microorganisms, 2021, 9, 1690.	3.6	12

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19	Anti-obesity Potential of <i>Lactobacillus</i> spp. Isolated from Infant Feces. <i>Biotechnology and Bioprocess Engineering</i> , 2021, 26, 575-585.	2.6	11
20	Survivability of Collagen-Peptide Microencapsulated Lactic Acid Bacteria during Storage and Simulated Gastrointestinal Conditions. <i>Fermentation</i> , 2021, 7, 177.	3.0	7
21	Antioxidant and Anti-Inflammatory Effect and Probiotic Properties of Lactic Acid Bacteria Isolated from Canine and Feline Feces. <i>Microorganisms</i> , 2021, 9, 1971.	3.6	21
22	Anti-Oxidative and Anti-Inflammatory Activities of <i>Astragalus membranaceus</i> Fermented by <i>Lactiplantibacillus plantarum</i> on LPS-Induced RAW 264.7 Cells. <i>Fermentation</i> , 2021, 7, 252.	3.0	4
23	Anti-adipogenic effect of <i>Lactobacillus fermentum</i> MG4231 and MG4244 through AMPK pathway in 3T3-L1 preadipocytes. <i>Food Science and Biotechnology</i> , 2020, 29, 1541-1551.	2.6	17
24	Antioxidant and Probiotic Properties of <i>Lactobacilli</i> and <i>Bifidobacteria</i> of Human Origins. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 421-430.	2.6	61
25	Evaluating the Cryoprotective Encapsulation of the Lactic Acid Bacteria in Simulated Gastrointestinal Conditions. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 287-292.	2.6	22
26	Inhibition of Nitric Oxide Production, Oxidative Stress Prevention, and Probiotic Activity of Lactic Acid Bacteria Isolated from the Human Vagina and Fermented Food. <i>Microorganisms</i> , 2019, 7, 109.	3.6	11
27	Heat Adaptation Improved Cell Viability of Probiotic <i>Enterococcus faecium</i> HL7 upon Various Environmental Stresses. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 618-626.	3.9	22
28	Probiotic Properties of <i>Bifidobacteria</i> Isolated from Feces of Infants. <i>Journal of Milk Science and Biotechnology</i> , 2019, 37, 40-48.	0.3	1
29	Improved Cell Viability and Anti-Candida Activity of Probiotic <i>Lactobacillus salivarius</i> MG242 by Heat Adaptation. <i>Journal of Milk Science and Biotechnology</i> , 2019, 37, 49-56.	0.3	0
30	In Vitro Probiotic Properties of <i>Lactobacillus salivarius</i> MG242 Isolated from Human Vagina. <i>Probiotics and Antimicrobial Proteins</i> , 2018, 10, 343-349.	3.9	27
31	Possible Probiotic Lactic Acid Bacteria Isolated from Oysters ( <i>Crassostrea gigas</i> ). <i>Probiotics and Antimicrobial Proteins</i> , 2018, 10, 728-739.	3.9	8
32	Antibiotic and heavy-metal resistance of <i>Vibrio parahaemolyticus</i> isolated from oysters in Korea. <i>Marine Pollution Bulletin</i> , 2018, 135, 69-74.	5.0	22
33	In vitro probiotic properties of vaginal <i>Lactobacillus fermentum</i> MG901 and <i>Lactobacillus plantarum</i> MG989 against <i>Candida albicans</i> . <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 228, 232-237.	1.1	27
34	Impact of inland pollution sources on the bacteriological water quality of the Southern Ganghwa Bay Area, South Korea. <i>Urban Water Journal</i> , 2017, 14, 69-73.	2.1	3
35	Characterization of <i>Vibrio parahaemolyticus</i> isolated from oysters in Korea: Resistance to various antibiotics and prevalence of virulence genes. <i>Marine Pollution Bulletin</i> , 2017, 118, 261-266.	5.0	58
36	Biocementation of Concrete Pavements Using Microbially Induced Calcite Precipitation. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1331-1335.	2.1	14

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37	Antibacterial Activity and Probiotic Properties of Lactic Acid Bacteria from Korean Intestine Origin. KSBB Journal, 2017, 32, 153-159.	0.2	3
38	Antibacterial Activity and Probiotic Properties of Lactic Acid Bacteria Isolated from Traditional Fermented Foods. KSBB Journal, 2017, 32, 199-205.	0.2	8
39	Effect of Pumpkin Powder as Cryoprotectant to Improve the Viability of Freeze Dried Lactic Acid Bacteria. KSBB Journal, 2017, 32, 251-255.	0.2	4
40	Biosequestration of copper by bacteria isolated from an abandoned mine by using microbially induced calcite precipitation. Journal of General and Applied Microbiology, 2016, 62, 206-212.	0.7	18
41	Formations of calcium carbonate minerals by bacteria and its multiple applications. SpringerPlus, 2016, 5, 250.	1.2	425
42	Isolation of Lactobacillus strains from shellfish for their potential use as probiotics. Biotechnology and Bioprocess Engineering, 2016, 21, 46-52.	2.6	8
43	Heavy metal and antibiotic resistance of ureolytic bacteria and their immobilization of heavy metals. Ecological Engineering, 2016, 97, 304-312.	3.6	63
44	Antibiotic and heavy metal resistance in Shewanella putrefaciens strains isolated from shellfishes collected from West Sea, Korea. Marine Pollution Bulletin, 2016, 112, 111-116.	5.0	15
45	Antimicrobial susceptibility of Vibrio alginolyticus isolated from oyster in Korea. Environmental Science and Pollution Research, 2016, 23, 21106-21112.	5.3	35
46	Prevalence and antimicrobial susceptibility of Vibrio parahaemolyticus isolated from oysters in Korea. Environmental Science and Pollution Research, 2016, 23, 918-926.	5.3	58
47	Bioremediation of heavy metals by using bacterial mixtures. Ecological Engineering, 2016, 89, 64-69.	3.6	240
48	Soil Bioconsolidation Through Microbially Induced Calcite Precipitation by <i>Lysinibacillus sphaericus</i> WJ-8. Geomicrobiology Journal, 2016, 33, 473-478.	2.0	17
49	Characterization and Inhibitory Activity of Lactobacillus plantarum MG989 and Lactobacillus fermentum MG901 Isolated from Vaginal Microbiota of Korean Women against Gardnerella vaginalis and Candida albicans. KSBB Journal, 2016, 31, 40-45.	0.2	4
50	Heat adaptation improves viability of Lactococcus lactis subsp. lactis HE-1 after heat stress. Food Science and Biotechnology, 2015, 24, 1823-1827.	2.6	10
51	Bioremediation of lead by ureolytic bacteria isolated from soil at abandoned metal mines in South Korea. Ecological Engineering, 2015, 74, 402-407.	3.6	134
52	Microbially Induced Calcite Precipitation-based Sequestration of Strontium by Sporosarcina pasteurii WJ-2. Applied Biochemistry and Biotechnology, 2014, 174, 2482-2491.	2.9	53
53	Bioremediation of Cd by Microbially Induced Calcite Precipitation. Applied Biochemistry and Biotechnology, 2014, 172, 1929-1937.	2.9	44
54	Bioremediation of Cd by Microbially Induced Calcite Precipitation. Applied Biochemistry and Biotechnology, 2014, 172, 2907-2915.	2.9	73

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55	Antibiotic resistance of <i>Vibrio harveyi</i> isolated from seawater in Korea. <i>Marine Pollution Bulletin</i> , 2014, 86, 261-265.	5.0	34
56	Anti-adipogenic effects of Corni fructus in 3T3-L1 preadipocytes. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 52-57.	2.6	9
57	<i>Chrysanthemum zawadskii</i> var. <i>latilobum</i> extract inhibits the production of nitric oxide and PGE2 through inducible nitric oxide synthase (iNOS) and cyclooxygenase-2(COX-2) in RAW 264. 7 cells. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 501-506.	2.6	4
58	Antibiotic resistance of <i>Shewanella putrefaciens</i> isolated from shellfish collected from the West Sea in Korea. <i>Marine Pollution Bulletin</i> , 2013, 76, 85-88.	5.0	15
59	Effects of different calcium salts on calcium carbonate crystal formation by <i>Sporosarcina pasteurii</i> KCTC 3558. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 903-908.	2.6	125
60	Antibacterial Characteristics of Lotus-Type Porous Copper. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-4.	1.8	11
61	Expression of the sweet-tasting protein brazzein in <i>Lactobacillus</i> spp.. <i>Food Science and Biotechnology</i> , 2012, 21, 895-898.	2.6	6
62	Inhibitory Effects of <i>Aralia cordata</i> Thunb Extracts on Nitric Oxide Synthesis in RAW 264.7 Macrophage Cells. <i>Korean Journal of Food Science and Technology</i> , 2012, 44, 621-627.	0.3	3