

Natasa Golic

List of Publications by Year in descending order

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56
papers

2,629
citations

236833

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189801

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56
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times ranked

4783
citing authors

#	ARTICLE	IF	CITATIONS
1	Exopolysaccharide Produced by Probiotic Strain <i>Lactobacillus paraplantarum</i> BCGG11 Reduces Inflammatory Hyperalgesia in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 1.	1.6	607
2	Intestinal Microbiota And Diet in IBS: Causes, Consequences, or Epiphenomena?. <i>American Journal of Gastroenterology</i> , 2015, 110, 278-287.	0.2	283
3	Characterisation of the exopolysaccharide (EPS)-producing <i>Lactobacillus paraplantarum</i> BCGG11 and its non-EPS producing derivative strains as potential probiotics. <i>International Journal of Food Microbiology</i> , 2012, 158, 155-162.	2.1	113
4	Functional Analysis of Three Plasmids from <i>Lactobacillus plantarum</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 1223-1230.	1.4	100
5	Potential of lactic acid bacteria isolated from specific natural niches in food production and preservation. <i>International Journal of Food Microbiology</i> , 2006, 112, 230-235.	2.1	100
6	Gut Microbiota Dysbiosis Associated With Altered Production of Short Chain Fatty Acids in Children With Neurodevelopmental Disorders. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 223.	1.8	98
7	EPS-SJ Exopolisaccharide Produced by the Strain <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> BGSJ2-8 Is Involved in Adhesion to Epithelial Intestinal Cells and Decrease on <i>E. coli</i> Association to Caco-2 Cells. <i>Frontiers in Microbiology</i> , 2016, 7, 286.	1.5	88
8	Characterization of lactic acid bacteria isolated from Bukuljac, a homemade goat's milk cheese. <i>International Journal of Food Microbiology</i> , 2008, 122, 162-170.	2.1	68
9	Evaluation of lactic acid bacteria and yeast diversity in traditional white pickled and fresh soft cheeses from the mountain regions of Serbia and lowland regions of Croatia. <i>International Journal of Food Microbiology</i> , 2013, 166, 294-300.	2.1	63
10	GABA-Producing Natural Dairy Isolate From Artisanal Zlatar Cheese Attenuates Gut Inflammation and Strengthens Gut Epithelial Barrier in vitro. <i>Frontiers in Microbiology</i> , 2019, 10, 527.	1.5	61
11	<i>Lactobacillus fermentum</i> Postbiotic-induced Autophagy as Potential Approach for Treatment of Acetaminophen Hepatotoxicity. <i>Frontiers in Microbiology</i> , 2017, 8, 594.	1.5	58
12	Identification and Genetic Characterization of a Novel Proteinase, PrtR, from the Human Isolate <i>Lactobacillus rhamnosus</i> BGT10. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5802-5811.	1.4	56
13	Exopolysaccharide-producing <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strains and their polymers elicit different responses on immune cells from blood and gut associated lymphoid tissue. <i>Anaerobe</i> , 2014, 26, 24-30.	1.0	53
14	New Insight into Biofilm Formation Ability, the Presence of Virulence Genes and Probiotic Potential of <i>Enterococcus</i> sp. Dairy Isolates. <i>Frontiers in Microbiology</i> , 2018, 9, 78.	1.5	51
15	Diversity of non-starter lactic acid bacteria in autochthonous dairy products from Western Balkan Countries - Technological and probiotic properties. <i>Food Research International</i> , 2020, 136, 109494.	2.9	48
16	Correlation of Gut Microbiota Composition with Resistance to Experimental Autoimmune Encephalomyelitis in Rats. <i>Frontiers in Microbiology</i> , 2016, 7, 2005.	1.5	46
17	Interaction of <i>Lactobacillus fermentum</i> BGHI14 with Rat Colonic Mucosa: Implications for Colitis Induction. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5735-5744.	1.4	41
18	The Influence of Heat-Killed <i>Enterococcus faecium</i> BGPAS1-3 on the Tight Junction Protein Expression and Immune Function in Differentiated Caco-2 Cells Infected With <i>Listeria monocytogenes</i> ATCC 19111. <i>Frontiers in Microbiology</i> , 2019, 10, 412.	1.5	40

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19	AggLb Is the Largest Cell-Aggregation Factor from <i>Lactobacillus paracasei</i> Subsp. <i>paracasei</i> BGNJ1-64, Functions in Collagen Adhesion, and Pathogen Exclusion In Vitro. <i>PLoS ONE</i> , 2015, 10, e0126387.	1.1	37
20	GABA potentiate the immunoregulatory effects of <i>Lactobacillus brevis</i> BGZLS10-17 via ATG5-dependent autophagy in vitro. <i>Scientific Reports</i> , 2020, 10, 1347.	1.6	37
21	Diversity and antibiotic susceptibility of autochthonous dairy enterococci isolates: are they safe candidates for autochthonous starter cultures?. <i>Frontiers in Microbiology</i> , 2015, 6, 954.	1.5	35
22	Molecular characterization of the CmbR activator-binding site in the <i>metC</i> – <i>cysK</i> promoter region in <i>Lactococcus lactis</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 439-446.	0.7	31
23	Evaluation of probiotic potential of yeasts isolated from traditional cheeses manufactured in Serbia and Croatia. <i>Journal of Intercultural Ethnopharmacology</i> , 2015, 4, 12.	0.9	31
24	Capability of exopolysaccharide-producing <i>Lactobacillus paraplantarum</i> BGCG11 and its non-producing isogenic strain NB1, to counteract the effect of enteropathogens upon the epithelial cell line HT29-MTX. <i>Food Research International</i> , 2015, 74, 199-207.	2.9	31
25	Oral neonatal antibiotic treatment perturbs gut microbiota and aggravates central nervous system autoimmunity in Dark Agouti rats. <i>Scientific Reports</i> , 2019, 9, 918.	1.6	29
26	Proteomic profile of extracellular vesicles released by <i>Lactiplantibacillus plantarum</i> BGAN8 and their internalization by non-polarized HT29 cell line. <i>Scientific Reports</i> , 2020, 10, 21829.	1.6	29
27	Yogurt Produced by Novel Natural Starter Cultures Improves Gut Epithelial Barrier In Vitro. <i>Microorganisms</i> , 2020, 8, 1586.	1.6	28
28	In vitro and in vivo antagonistic activity of new probiotic culture against <i>Clostridium difficile</i> and <i>Clostridium perfringens</i> . <i>BMC Microbiology</i> , 2017, 17, 108.	1.3	27
29	Promotion of Early Gut Colonization by Probiotic Intervention on Microbiota Diversity in Pregnant Sows. <i>Frontiers in Microbiology</i> , 2017, 8, 2028.	1.5	26
30	The Role of Macrophage Migration Inhibitory Factor in the Function of Intestinal Barrier. <i>Scientific Reports</i> , 2018, 8, 6337.	1.6	26
31	Gut Microbiota Confers Resistance of Albino Oxford Rats to the Induction of Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2018, 9, 942.	2.2	25
32	Technological and probiotic potential of BGRA43 a natural isolate of <i>Lactobacillus helveticus</i> . <i>Frontiers in Microbiology</i> , 2013, 4, 2.	1.5	24
33	Oral administration of probiotic <i>Lactobacillus paraplantarum</i> BGCG11 attenuates diabetes-induced liver and kidney damage in rats. <i>Journal of Functional Foods</i> , 2017, 38, 427-437.	1.6	24
34	Strain differences in toxicity of oral cadmium intake in rats. <i>Food and Chemical Toxicology</i> , 2016, 96, 11-23.	1.8	21
35	Enterococci from Raw-Milk Cheeses: Current Knowledge on Safety, Technological, and Probiotic Concerns. <i>Foods</i> , 2021, 10, 2753.	1.9	19
36	Antioxidant and Antiproliferative Activity of <i>Allium ursinum</i> and Their Associated Microbiota During Simulated in vitro Digestion in the Presence of Food Matrix. <i>Frontiers in Microbiology</i> , 2020, 11, 601616.	1.5	18

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37	Host-commensal interaction promotes health and lifespan in <i>Caenorhabditis elegans</i> through the activation of HLH-30/TFEB-mediated autophagy. <i>Aging</i> , 2021, 13, 8040-8054.	1.4	15
38	Characterisation of the yeast and mould biota in traditional white pickled cheeses by culture-dependent and independent molecular techniques. <i>Folia Microbiologica</i> , 2016, 61, 455-463.	1.1	14
39	The effect of live and inert feed treatment with lactobacilli on weaning success in intensively reared pike-perch larvae. <i>Aquaculture</i> , 2020, 516, 734608.	1.7	14
40	Identification and characterization of lactic acid bacteria isolated from artisanal white brined Golija cows' milk cheeses. <i>Archives of Biological Sciences</i> , 2014, 66, 179-192.	0.2	13
41	Protective Effect of an Exopolysaccharide Produced by <i>Lactiplantibacillus plantarum</i> BGAN8 Against Cadmium-Induced Toxicity in Caco-2 Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 759378.	1.5	12
42	Pulmonary <i>Aspergillus fumigatus</i> infection in rats affects gastrointestinal homeostasis. <i>Immunobiology</i> , 2019, 224, 116-123.	0.8	11
43	The presence of <i>Listeria</i> spp. and <i>Listeria monocytogenes</i> in a chosen food processing establishment in Serbia. <i>Archives of Biological Sciences</i> , 2010, 62, 881-887.	0.2	11
44	Probiotic-mediated p38 MAPK immune signaling prolongs the survival of <i>Caenorhabditis elegans</i> exposed to pathogenic bacteria. <i>Scientific Reports</i> , 2021, 11, 21258.	1.6	11
45	Molecular diversity among natural populations of <i>Lactobacillus paracasei</i> and <i>Lactobacillus plantarum</i> /paraplantarum strains isolated from autochthonous dairy products. <i>European Food Research and Technology</i> , 2012, 234, 627-638.	1.6	10
46	The <i>cmbT</i> gene encodes a novel major facilitator multidrug resistance transporter in <i>Lactococcus lactis</i> . <i>Research in Microbiology</i> , 2013, 164, 46-54.	1.0	10
47	Anti- <i>Helicobacter Pylori</i> Activity of Four <i>Alchemilla</i> Species (Rosaceae). <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	9
48	Fecal microbiota composition associates with the capacity of human peripheral blood monocytes to differentiate into immunogenic dendritic cells <i>in vitro</i> . <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	9
49	<i>Lactobacillus brevis</i> BGZLS10-17 and <i>Lb. plantarum</i> BGPKM22 Exhibit Anti-Inflammatory Effect by Attenuation of NF- κ B and MAPK Signaling in Human Bronchial Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5547.	1.8	5
50	Improved sensitivity and reproducibility of the PCR method for detection of <i>Listeria</i> spp. and <i>L. monocytogenes</i> in milk. <i>Acta Veterinaria</i> , 2011, 61, 239-245.	0.2	4
51	Effect of methionine and cysteine deprivation on growth of different natural isolates of <i>Lactobacillus</i> spp. in chemically defined media. <i>Archives of Biological Sciences</i> , 2008, 60, 509-517.	0.2	4
52	<i>Lactobacillus salivarius</i> BGHO1 and <i>Lactobacillus reuteri</i> BGG06-55 modify nutritive profile of <i>Artemia franciscana</i> nauplii in a strain ratio, dose and application timing-dependent manner. <i>Animal Feed Science and Technology</i> , 2020, 259, 114356.	1.1	2
53	Over-expressed <i>CmbT</i> multidrug resistance transporter improves the fitness of <i>Lactococcus lactis</i> . <i>Genetika</i> , 2013, 45, 197-206.	0.1	1
54	Identifying the <i>CmbT</i> substrates specificity by using a quantitative structure-activity relationship (QSAR) study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 764-771.	2.7	1

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55	Resistance to antibiotics in Lacid acid bacteria - strain Lactococcus. Veterinarski Glasnik, 2015, 69, 271-282.	0.1	1
56	Enrichment of Larval Fish Feed with Free Amino Acids and Proteins by Coating with Lactobacillus paracasei subsp. paracasei BGHN14 Homogenate. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 21, 569-573.	0.4	0