

Mirjana Rajilic-Stojanovic

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

8,309
citations

186254

28
h-index

206102

48
g-index

54
all docs

54
docs citations

54
times ranked

11435
citing authors

#	ARTICLE	IF	CITATIONS
1	The first 1000 cultured species of the human gastrointestinal microbiota. <i>FEMS Microbiology Reviews</i> , 2014, 38, 996-1047.	8.6	923
2	Global and Deep Molecular Analysis of Microbiota Signatures in Fecal Samples From Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2011, 141, 1792-1801.	1.3	885
3	European consensus conference on faecal microbiota transplantation in clinical practice. <i>Gut</i> , 2017, 66, 569-580.	12.1	793
4	Irritable bowel syndrome. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16014.	30.5	674
5	High-throughput diversity and functionality analysis of the gastrointestinal tract microbiota. <i>Gut</i> , 2008, 57, 1605-1615.	12.1	528
6	Diversity of the human gastrointestinal tract microbiota revisited. <i>Environmental Microbiology</i> , 2007, 9, 2125-2136.	3.8	485
7	Comparative analysis of fecal DNA extraction methods with phylogenetic microarray: Effective recovery of bacterial and archaeal DNA using mechanical cell lysis. <i>Journal of Microbiological Methods</i> , 2010, 81, 127-134.	1.6	480
8	Development and application of the human intestinal tract chip, a phylogenetic microarray: analysis of universally conserved phylotypes in the abundant microbiota of young and elderly adults. <i>Environmental Microbiology</i> , 2009, 11, 1736-1751.	3.8	420
9	Clinical trial: multispecies probiotic supplementation alleviates the symptoms of irritable bowel syndrome and stabilizes intestinal microbiota. <i>Alimentary Pharmacology and Therapeutics</i> , 2008, 27, 48-57.	3.7	309
10	Phylogenetic Analysis of Dysbiosis in Ulcerative Colitis During Remission. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 481-488.	1.9	285
11	Intestinal Microbiota And Diet in IBS: Causes, Consequences, or Epiphenomena?. <i>American Journal of Gastroenterology</i> , 2015, 110, 278-287.	0.4	283
12	High temporal and inter-individual variation detected in the human ileal microbiota. <i>Environmental Microbiology</i> , 2010, 12, 3213-3227.	3.8	254
13	Colonic Microbiota Signatures across Five Northern European Countries. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4153-4155.	3.1	243
14	The microbial eukaryote <i>Blastocystis</i> is a prevalent and diverse member of the healthy human gut microbiota. <i>FEMS Microbiology Ecology</i> , 2014, 90, 326-330.	2.7	208
15	Long-term monitoring of the human intestinal microbiota composition. <i>Environmental Microbiology</i> , 2013, 15, 1146-1159.	3.8	195
16	Rome Foundation Working Team Report on Post-Infection Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2019, 156, 46-58.e7.	1.3	162
17	Linking phylogenetic identities of bacteria to starch fermentation in an <i>in vitro</i> model of the large intestine by RNA-based stable isotope probing. <i>Environmental Microbiology</i> , 2009, 11, 914-926.	3.8	157
18	Faecal Microbiota Composition in Adults Is Associated with the FUT2 Gene Determining the Secretor Status. <i>PLoS ONE</i> , 2014, 9, e94863.	2.5	129

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19	Microarray analysis reveals marked intestinal microbiota aberrancy in infants having eczema compared to healthy children in at-risk for atopic disease. <i>BMC Microbiology</i> , 2013, 13, 12.	3.3	127
20	Systematic review: gastric microbiota in health and disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 582-602.	3.7	113
21	Evaluating the microbial diversity of an in vitro model of the human large intestine by phylogenetic microarray analysis. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3270-3281.	1.8	84
22	Function of the microbiota. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2013, 27, 5-16.	2.4	81
23	Optimisation of microwave-assisted extraction parameters for antioxidants from waste <i>Achillea millefolium</i> dust. <i>Industrial Crops and Products</i> , 2015, 77, 333-341.	5.2	55
24	Improvement of mechanical properties and antibacterial activity of crosslinked electrospun chitosan/poly (ethylene oxide) nanofibers. <i>Composites Part B: Engineering</i> , 2017, 121, 58-67.	12.0	49
25	Cefazolin-loaded polycaprolactone fibers produced via different electrospinning methods: Characterization, drug release and antibacterial effect. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 124, 26-36.	4.0	45
26	Plant Extracts Rich in Polyphenols as Potent Modulators in the Growth of Probiotic and Pathogenic Intestinal Microorganisms. <i>Frontiers in Nutrition</i> , 2021, 8, 688843.	3.7	40
27	Microwave-assisted extraction for the recovery of antioxidants from waste <i>Equisetum arvense</i> . <i>Industrial Crops and Products</i> , 2014, 61, 388-397.	5.2	34
28	From Agricultural Waste to Biofuel: Enzymatic Potential of a Bacterial Isolate <i>Streptomyces fulvissimus</i> CKS7 for Bioethanol Production. <i>Waste and Biomass Valorization</i> , 2021, 12, 165-174.	3.4	34
29	Water Kefir grain as a source of potent dextran producing lactic acid bacteria. <i>Hemijaska Industrija</i> , 2015, 69, 595-604.	0.7	26
30	Molecular methods for the analysis of gut microbiota. <i>Microbial Ecology in Health and Disease</i> , 2004, 16, 71-85.	3.5	25
31	Lignocellulosic waste material as substrate for Avicelase production by a new strain of <i>Paenibacillus chitinolyticus</i> CKS1. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 426-434.	3.9	20
32	Biocontrol and plant stimulating potential of novel strain <i>Bacillus</i> sp. PPM3 isolated from marine sediment. <i>Microbial Pathogenesis</i> , 2018, 120, 71-78.	2.9	18
33	Considerations for the design and conduct of human gut microbiota intervention studies relating to foods. <i>European Journal of Nutrition</i> , 2020, 59, 3347-3368.	3.9	17
34	The Interrelationship Among Non-Alcoholic Fatty Liver Disease, Colonic Diverticulosis and Metabolic Syndrome. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2021, 30, 274-282.	0.9	17
35	<i>Helicobacter Pylori</i> Eradication Therapy is Not Associated with the Onset of Inflammatory Bowel Diseases. A Case-Control Study. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2019, 27, 119-125.	0.9	15
36	Enzymatic hydrolysis of waste bread by newly isolated <i>Hymenobacter</i> sp. CKS3: Statistical optimization and bioethanol production. <i>Renewable Energy</i> , 2020, 152, 627-633.	8.9	13

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37	Does Day-to-Day Variability in Stool Consistency Link to the Fecal Microbiota Composition?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639667.	3.9	11
38	Valorization of corn stover and molasses for enzyme synthesis, lignocellulosic hydrolysis and bioethanol production by <i>Hymenobacter</i> sp. CKS3. <i>Environmental Technology and Innovation</i> , 2021, 23, 101627.	6.1	9
39	Carboxymethyl cellulase production from a <i>Paenibacillus</i> sp.. <i>Hemijaska Industrija</i> , 2016, 70, 329-338.	0.7	9
40	Development of an Environmentally Acceptable Detergent Formulation for Fatty Soils Based on the Lipase from the Indigenous Extremophile <i>Pseudomonas aeruginosa</i> Strain. <i>Journal of Surfactants and Detergents</i> , 2015, 18, 383-395.	2.1	8
41	Sugar Beet Pulp as <i>Leuconostoc mesenteroides</i> T3 Support for Enhanced Dextranucrase Production on Molasses. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 1016-1027.	2.9	7
42	Multiscale characterization of antimicrobial poly(vinyl butyral)/titania nanofibrous composites. <i>Polymers for Advanced Technologies</i> , 2017, 28, 909-914.	3.2	7
43	Enhanced fertilization effect of a compost obtained from mixed herbs waste inoculated with novel strains of mesophilic bacteria. <i>Hemijaska Industrija</i> , 2017, 71, 503-513.	0.7	7
44	Vitamin B Complex and Experimental Autoimmune Encephalomyelitis – Attenuation of the Clinical Signs and Gut Microbiota Dysbiosis. <i>Nutrients</i> , 2022, 14, 1273.	4.1	7
45	Characterization of dextranucrase from <i>Leuconostoc mesenteroides</i> T3, water kefir grains isolate. <i>Hemijaska Industrija</i> , 2017, 71, 351-360.	0.7	5
46	Valorization of lignocellulosic wastes for extracellular enzyme production by novel Basidiomycetes: screening, hydrolysis, and bioethanol production. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	4
47	β -Amylase production from packaging-industry wastewater using a novel strain <i>Paenibacillus chitinolyticus</i> CKS 1. <i>RSC Advances</i> , 2015, 5, 90895-90903.	3.6	3
48	Recovery of bioactive molecules from <i>Hypericum perforatum</i> L. dust using microwave-assisted extraction. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 7111-7123.	4.6	3
49	Gut Microbiota and its Role in Human Health. <i>Psiholgijske Teme</i> , 2018, 27, 17-32.	0.2	1
50	Microbiota Changes Throughout Life - An Overview. , 2022, , 1-12.		1
51	The Human Intestinal Microbiota and Its Impact on Health. , 0, , 11-32.		1
52	Utilization of agro-industrial by-products as substrates for dextranucrase production by <i>Leuconostoc mesenteroides</i> T3: Process optimization using response surface methodology. <i>Hemijaska Industrija</i> , 2021, 75, 135-146.	0.7	0
53	Lactic Acid Bacteria in the Gut. , 2019, , 383-408.		0
54	Optimization of spray drying conditions for production of <i>Achillea millefolium</i> extract powder. <i>Hemijaska Industrija</i> , 2021, 75, 353-363.	0.7	0