

# Diana Di Gioia

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,810  
citations

236833

25  
h-index

214721

47  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kombucha Beverage from Green, Black and Rooibos Teas: A Comparative Study Looking at Microbiology, Chemistry and Antioxidant Activity. <i>Nutrients</i> , 2019, 11, 1.	1.7	656
2	Characterization of probiotic strains: An application as feed additives in poultry against <i>Campylobacter jejuni</i> . <i>International Journal of Food Microbiology</i> , 2010, 141, S98-S108.	2.1	174
3	Bifidobacteria: their impact on gut microbiota composition and their applications as probiotics in infants. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 563-577.	1.7	165
4	The role of protective and probiotic cultures in food and feed and their impact in food safety. <i>Trends in Food Science and Technology</i> , 2011, 22, S58-S66.	7.8	117
5	Administration of <i>Bifidobacterium breve</i> Decreases the Production of TNF- $\alpha$ in Children with Celiac Disease. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3386-3392.	1.1	115
6	Effect of <i>Bifidobacterium breve</i> on the Intestinal Microbiota of Coeliac Children on a Gluten Free Diet: A Pilot Study. <i>Nutrients</i> , 2016, 8, 660.	1.7	106
7	Influence of intrapartum antibiotic prophylaxis against group B <i>Streptococcus</i> on the early newborn gut composition and evaluation of the anti- <i>Streptococcus</i> activity of <i>Bifidobacterium</i> strains. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6051-60.	1.7	93
8	Antagonistic effect of <i>Lactobacillus</i> strains against gas-producing coliforms isolated from colicky infants. <i>BMC Microbiology</i> , 2011, 11, 157.	1.3	91
9	A <i>Bifidobacterium</i> -based synbiotic product to reduce the transmission of <i>C. jejuni</i> along the poultry food chain. <i>International Journal of Food Microbiology</i> , 2012, 157, 156-161.	2.1	87
10	Evaluation of the effects of intrapartum antibiotic prophylaxis on newborn intestinal microbiota using a sequencing approach targeted to multi hypervariable 16S rDNA regions. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5537-5546.	1.7	84
11	Early Gut Microbiota Perturbations Following Intrapartum Antibiotic Prophylaxis to Prevent Group B <i>Streptococcal</i> Disease. <i>PLoS ONE</i> , 2016, 11, e0157527.	1.1	81
12	Clinical intervention using <i>Bifidobacterium</i> strains in celiac disease children reveals novel microbial modulators of TNF- $\alpha$ and short-chain fatty acids. <i>Clinical Nutrition</i> , 2019, 38, 1373-1381.	2.3	79
13	A prospective longitudinal study on the microbiota composition in amyotrophic lateral sclerosis. <i>BMC Medicine</i> , 2020, 18, 153.	2.3	78
14	Beneficial microorganisms for honey bees: problems and progresses. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9469-9482.	1.7	77
15	Microbial inoculants for the biocontrol of <i>Fusarium</i> spp. in durum wheat. <i>BMC Microbiology</i> , 2015, 15, 242.	1.3	73
16	Therapeutic Microbiology: The Role of <i>Bifidobacterium breve</i> as Food Supplement for the Prevention/Treatment of Paediatric Diseases. <i>Nutrients</i> , 2018, 10, 1723.	1.7	71
17	Characterization of <i>Bifidobacterium</i> spp. strains for the treatment of enteric disorders in newborns. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1561-1576.	1.7	54
18	Lactic acid bacteria as protective cultures in fermented pork meat to prevent <i>Clostridium</i> spp. growth. <i>International Journal of Food Microbiology</i> , 2016, 235, 53-59.	2.1	45

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19	Bifidobacterium xylocopae sp. nov. and Bifidobacterium aemilianum sp. nov., from the carpenter bee ( <i>Xylocopa violacea</i> ) digestive tract. <i>Systematic and Applied Microbiology</i> , 2019, 42, 205-216.	1.2	45
20	Supplementation with <i>Bifidobacterium breve</i> BR03 and B632 strains improved insulin sensitivity in children and adolescents with obesity in a cross-over, randomized double-blind placebo-controlled trial. <i>Clinical Nutrition</i> , 2021, 40, 4585-4594.	2.3	43
21	Polysaccharides from by-products of the Wonderful and Laffan pomegranate varieties: New insight into extraction and characterization. <i>Food Chemistry</i> , 2017, 235, 58-66.	4.2	39
22	Bactericidal Activity of Aqueous Acrylic Paint Dispersion for Wooden Substrates Based on TiO <sub>2</sub> Nanoparticles Activated by Fluorescent Light. <i>Materials</i> , 2013, 6, 3270-3283.	1.3	34
23	Evidence of <i>Campylobacter jejuni</i> reduction in broilers with early synbiotic administration. <i>International Journal of Food Microbiology</i> , 2017, 251, 41-47.	2.1	34
24	The Probiotic <i>Bifidobacterium breve</i> B632 Inhibited the Growth of <i>Enterobacteriaceae</i> within Colicky Infant Microbiota Cultures. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	31
25	Nonylphenol polyethoxylate degradation in aqueous waste by the use of batch and continuous biofilm bioreactors. <i>Water Research</i> , 2009, 43, 2977-2988.	5.3	27
26	Three-Month Feeding Integration With <i>Bifidobacterium</i> Strains Prevents Gastrointestinal Symptoms in Healthy Newborns. <i>Frontiers in Nutrition</i> , 2018, 5, 39.	1.6	25
27	Protective cultures against foodborne pathogens in a nitrite reduced fermented meat product. <i>LWT - Food Science and Technology</i> , 2019, 101, 293-299.	2.5	24
28	Production of vanillin from wheat bran hydrolyzates via microbial bioconversion. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1441-1448.	1.6	22
29	Soil CO <sub>2</sub> emission partitioning, bacterial community profile and gene expression of <i>Nitrosomonas</i> spp. and <i>Nitrobacter</i> spp. of a sandy soil amended with biochar and compost. <i>Applied Soil Ecology</i> , 2017, 112, 79-89.	2.1	21
30	Dual chain extension effect and antibacterial properties of biomolecules interleaved within LDH dispersed into PBS by <i>in situ</i> polymerization. <i>Dalton Transactions</i> , 2018, 47, 3155-3165.	1.6	21
31	Organo-modified LDH fillers endowing multi-functionality to bio-based poly(butylene succinate): An extended study from the laboratory to possible market. <i>Applied Clay Science</i> , 2020, 188, 105502.	2.6	21
32	Synthesis and characterization of imidazolium telechelic poly(butylene terephthalate) for antimicrobial applications. <i>Reactive and Functional Polymers</i> , 2012, 72, 133-141.	2.0	20
33	Imidazolium poly(butylene terephthalate) ionomers with long-term antimicrobial activity. <i>Polymer</i> , 2012, 53, 1823-1830.	1.8	18
34	TiO <sub>2</sub> deposition on the surface of activated fluoropolymer substrate. <i>Thin Solid Films</i> , 2012, 520, 2824-2828.	0.8	15
35	Development of a synbiotic product for newborns and infants. <i>LWT - Food Science and Technology</i> , 2015, 64, 727-734.	2.5	15
36	Antibacterial coatings on poly(fluoroethylene propylene) films via grafting of 3-hexadecyl-1-vinylimidazolium bromide. <i>Progress in Organic Coatings</i> , 2012, 73, 257-263.	1.9	14

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37	Screening of Dietary Ingredients against the Honey Bee Parasite <i>Nosema ceranae</i> . <i>Pathogens</i> , 2021, 10, 1117.	1.2	14
38	Honeybee Exposure to Veterinary Drugs: How Is the Gut Microbiota Affected?. <i>Microbiology Spectrum</i> , 2021, 9, e0017621.	1.2	14
39	Study on a Fermented Whole Wheat: Phenolic Content, Activity on PTP1B Enzyme and In Vitro Prebiotic Properties. <i>Molecules</i> , 2019, 24, 1120.	1.7	11
40	Honeybees Exposure to Natural Feed Additives: How Is the Gut Microbiota Affected?. <i>Microorganisms</i> , 2021, 9, 1009.	1.6	11
41	Olive Mill Wastewater Valorization in Multifunctional Biopolymer Composites for Antibacterial Packaging Application. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2376.	1.8	10
42	Electrospun Fibers Containing Bio-Based Ricinoleic Acid: Effect of Amount and Distribution of Ricinoleic Acid Unit on Antibacterial Properties. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 1085-1095.	1.7	8
43	Study protocol on the safety and feasibility of a normocaloric ketogenic diet in people with amyotrophic lateral sclerosis. <i>Nutrition</i> , 2022, 94, 111525.	1.1	7
44	Durability of biopolymeric composites formulated with fillers from a by-product of coffee roasting. <i>Polymer Composites</i> , 2022, 43, 1485-1493.	2.3	7
45	Alterations in the Microbiota of Caged Honeybees in the Presence of <i>Nosema ceranae</i> Infection and Related Changes in Functionality. <i>Microbial Ecology</i> , 2023, 86, 601-616.	1.4	7
46	Antibiotic Exposure, Common Morbidities and Main Intestinal Microbial Groups in Very Preterm Neonates: A Pilot Study. <i>Antibiotics</i> , 2022, 11, 237.	1.5	2
47	Biodegradation of low-ethoxylated nonylphenols in a bioreactor packed with a new ceramic support (Vukopor Å® S10). <i>Environmental Science and Pollution Research</i> , 2014, 21, 3241-3253.	2.7	1