

Loredana Baccigalupi

List of Publications by Citations

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45
papers

1,213
citations

19
h-index

34
g-index

50
ext. papers

1,457
ext. citations

4.7
avg, IF

3.9
L-index

#	Paper	IF	Citations
45	Characterization of <i>Bacillus</i> species used for oral bacteriotherapy and bacterioprophylaxis of gastrointestinal disorders. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 5241-7	4.8	168
44	Fate and dissemination of <i>Bacillus subtilis</i> spores in a murine model. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 3819-23	4.8	120
43	Rescue of Fructose-Induced Metabolic Syndrome by Antibiotics or Faecal Transplantation in a Rat Model of Obesity. <i>PLoS ONE</i> , 2015 , 10, e0134893	3.7	104
42	Characterization of two <i>Bacillus</i> probiotics. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 4288-91	4.8	97
41	Defining the natural habitat of <i>Bacillus</i> spore-formers. <i>Research in Microbiology</i> , 2009 , 160, 375-9	4	89
40	Carotenoids found in <i>Bacillus</i> . <i>Journal of Applied Microbiology</i> , 2010 , 108, 1889-902	4.7	64
39	Characterization of spore forming <i>Bacilli</i> isolated from the human gastrointestinal tract. <i>Journal of Applied Microbiology</i> , 2008 , 105, 2178-86	4.7	56
38	Oral vaccine delivery by recombinant spore probiotics. <i>International Reviews of Immunology</i> , 2009 , 28, 487-505	4.6	54
37	Dietary fructose causes defective insulin signalling and ceramide accumulation in the liver that can be reversed by gut microbiota modulation. <i>Food and Nutrition Research</i> , 2017 , 61, 1331657	3.1	34
36	Small surface-associated factors mediate adhesion of a food-isolated strain of <i>Lactobacillus fermentum</i> to Caco-2 cells. <i>Research in Microbiology</i> , 2005 , 156, 830-6	4	34
35	Characterization of intestinal bacteria tightly bound to the human ileal epithelium. <i>Research in Microbiology</i> , 2009 , 160, 817-23	4	31
34	CotC-CotU heterodimerization during assembly of the <i>Bacillus subtilis</i> spore coat. <i>Journal of Bacteriology</i> , 2008 , 190, 1267-75	3.5	30
33	A Marine Isolate of <i>Secretes</i> a Pumilacidin Active against. <i>Marine Drugs</i> , 2018 , 16,	6	25
32	The <i>sps</i> Gene Products Affect the Germination, Hydrophobicity, and Protein Adsorption of <i>Bacillus subtilis</i> Spores. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 7293-302	4.8	23
31	<i>Lactobacillus gasseri</i> SF1183 protects the intestinal epithelium and prevents colitis symptoms in vivo. <i>Journal of Functional Foods</i> , 2018 , 42, 195-202	5.1	22
30	Direct and indirect control of late sporulation genes by GerR of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2010 , 192, 3406-13	3.5	21
29	Beneficial effects of carotenoid-producing cells of <i>Bacillus indicus</i> HU16 in a rat model of diet-induced metabolic syndrome. <i>Beneficial Microbes</i> , 2017 , 8, 823-831	4.9	20

28	Mucosal vaccine delivery by non-recombinant spores of <i>Bacillus subtilis</i> . <i>Microbial Cell Factories</i> , 2014 , 13, 115	6.4	19
27	Flexibility of the programme of spore coat formation in <i>Bacillus subtilis</i> : bypass of CotE requirement by over-production of CotH. <i>PLoS ONE</i> , 2013 , 8, e74949	3.7	19
26	<i>Lactobacillus gasseri</i> SF1183 affects intestinal epithelial cell survival and growth. <i>PLoS ONE</i> , 2013 , 8, e69102	3.7	16
25	<i>Bacillus subtilis</i> builds structurally and functionally different spores in response to the temperature of growth. <i>Environmental Microbiology</i> , 2020 , 22, 170-182	5.2	16
24	Organization and evolution of the cotG and cotH genes of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 6664-73	3.5	15
23	GerE-independent expression of cotH leads to CotC accumulation in the mother cell compartment during <i>Bacillus subtilis</i> sporulation. <i>Microbiology (United Kingdom)</i> , 2004 , 150, 3441-9	2.9	14
22	Efficient insertional mutagenesis in <i>Streptococcus thermophilus</i> . <i>Gene</i> , 2000 , 258, 9-14	3.8	13
21	Transcriptional analysis of the recA gene of <i>Streptococcus thermophilus</i> . <i>Microbial Cell Factories</i> , 2006 , 5, 29	6.4	12
20	Antagonistic role of CotG and CotH on spore germination and coat formation in <i>Bacillus subtilis</i> . <i>PLoS ONE</i> , 2014 , 9, e104900	3.7	12
19	A probiotic treatment increases the immune response induced by the nasal delivery of spore-adsorbed TTFC. <i>Microbial Cell Factories</i> , 2020 , 19, 42	6.4	10
18	The Exosporium of QM B1551 Is Permeable to the Red Fluorescence Protein of the Coral sp. <i>Frontiers in Microbiology</i> , 2016 , 7, 1752	5.7	9
17	Control of ilvH transcription during amino acid downshift in stringent and relaxed strains of <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1995 , 131, 95-8	2.9	7
16	Spore Adsorption as a Nonrecombinant Display System for Enzymes and Antigens. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	6
15	The spore surface of intestinal isolates of <i>Bacillus subtilis</i> . <i>FEMS Microbiology Letters</i> , 2014 , 358, 194-201	2.9	6
14	The Direct Interaction between Two Morphogenetic Proteins Is Essential for Spore Coat Formation in <i>Bacillus subtilis</i> . <i>PLoS ONE</i> , 2015 , 10, e0141040	3.7	6
13	A protein phosphorylation module patterns the <i>Bacillus subtilis</i> spore outer coat. <i>Molecular Microbiology</i> , 2020 , 114, 934-951	4.1	5
12	Spore coat differentiation in <i>Bacillus subtilis</i> . <i>Research in Microbiology</i> , 1997 , 148, 5-9	4	5
11	Non-LAB Probiotics: Spore Formers 2015 , 93-104		5

10	Induction of a Specific Humoral Immune Response by Nasal Delivery of Bcl2 of. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
9	The DINGGG thermoprotein is membrane bound in the Crenarchaeon Sulfolobus solfataricus. <i>Chemical and Biological Technologies in Agriculture</i> , 2016 , 3,	4.4	4
8	Matrix Production, Pigment Synthesis, and Sporulation in a Marine Isolated Strain of Bacillus pumilus. <i>Marine Drugs</i> , 2015 , 13, 6472-88	6	4
7	The temperature of growth and sporulation modulates the efficiency of spore-display in Bacillus subtilis. <i>Microbial Cell Factories</i> , 2020 , 19, 185	6.4	4
6	Spore-adsorption: Mechanism and applications of a non-recombinant display system. <i>Biotechnology Advances</i> , 2021 , 47, 107693	17.8	2
5	CotG-Like Modular Proteins Are Common among Spore-Forming Bacilli. <i>Journal of Bacteriology</i> , 2016 , 198, 1513-20	3.5	2
4	Micellar Antibiotics of. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
3	Nasal Immunization with the C-Terminal Domain of Bcl3 Induced Specific IgG Production and Attenuated Disease Symptoms in Mice Infected with Spores. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
2	An antimicrobial peptide specifically active against Listeria monocytogenes is secreted by Bacillus pumilus SF214.. <i>BMC Microbiology</i> , 2022 , 22, 3	4.5	0
1	Spore Formers as Beneficial Microbes for Humans and Animals. <i>Applied Microbiology</i> , 2021 , 1, 498-509		0