Ingmar J J Claes

List of Publications by Year
in descending order

32 papers	2,019 citations	304368 22 h-index	433756 31 g-index
35 all docs	35 docs citations	35 times ranked	2218 citing authors

#	Article	IF	Citations
1	Functional Analysis of Lactobacillus rhamnosus GG Pili in Relation to Adhesion and Immunomodulatory Interactions with Intestinal Epithelial Cells. Applied and Environmental Microbiology, 2012, 78, 185-193.	1.4	274
2	Drying techniques of probiotic bacteria as an important step towards the development of novel pharmabiotics. International Journal of Pharmaceutics, 2016, 505, 303-318.	2.6	193
3	Exopolysaccharides of <i>Lactobacillus rhamnosus</i> GG form a protective shield against innate immune factors in the intestine. Microbial Biotechnology, 2011, 4, 368-374.	2.0	150
4	Adhesion and Nanomechanics of Pili from the Probiotic Lactobacillus rhamnosus GG. ACS Nano, 2013, 7, 3685-3697.	7.3	148
5	Impact of lipoteichoic acid modification on the performance of the probiotic <i>Lactobacillus rhamnosus</i> GG in experimental colitis. Clinical and Experimental Immunology, 2010, 162, 306-314.	1.1	92
6	Characterization of MabA, a modulator of<i>Lactobacillus rhamnosus</i>GG adhesion and biofilm formation. FEMS Immunology and Medical Microbiology, 2010, 59, 386-398.	2.7	82
7	Anti-inflammatory potential of probiotics: lipoteichoic acid makes a difference. Trends in Microbiology, 2012, 20, 5-10.	3.5	81
8	Genetic and Biochemical Characterization of the Cell Wall Hydrolase Activity of the Major Secreted Protein of Lactobacillus rhamnosus GG. PLoS ONE, 2012, 7, e31588.	1.1	77
9	The major secreted protein Msp1/p75 is O-glycosylated in Lactobacillus rhamnosus GG. Microbial Cell Factories, 2012, 11, 15.	1.9	72
10	Lipoteichoic acid is an important microbe-associated molecular pattern of Lactobacillus rhamnosus GG. Microbial Cell Factories, 2012, 11, 161.	1.9	70
11	Impact of <i>luxS</i> and Suppressor Mutations on the Gastrointestinal Transit of <i>Lactobacillus rhamnosus</i> GG. Applied and Environmental Microbiology, 2008, 74, 4711-4718.	1.4	68
12	Piliation of Lactobacillus rhamnosus GG Promotes Adhesion, Phagocytosis, and Cytokine Modulation in Macrophages. Applied and Environmental Microbiology, 2015, 81, 2050-2062.	1.4	66
13	Carrot Juice Fermentations as Man-Made Microbial Ecosystems Dominated by Lactic Acid Bacteria. Applied and Environmental Microbiology, 2018, 84, .	1.4	62
14	FUNCTIONAL MECHANISMS OF PROBIOTICS. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 4, 321-327.	0.4	59
15	Analysis of the Peptidoglycan Hydrolase Complement of Lactobacillus casei and Characterization of the Major Î³-D-Glutamyl-L-Lysyl-Endopeptidase. PLoS ONE, 2012, 7, e32301.	1.1	54
16	The Highly Autoaggregative and Adhesive Phenotype of the Vaginal Lactobacillus plantarum Strain CMPG5300 Is Sortase Dependent. Applied and Environmental Microbiology, 2013, 79, 4576-4585.	1.4	53
17	FISH analysis of Lactobacillus biofilms in the gastrointestinal tract of different hosts. Letters in Applied Microbiology, 2011, 52, 220-226.	1.0	48
18	Live Biotherapeutic Products, A Road Map for Safety Assessment. Frontiers in Medicine, 2020, 7, 237.	1.2	48

#	Article	IF	Citations
19	Deciphering the Nanometer-Scale Organization and Assembly of Lactobacillus rhamnosus GG Pili Using Atomic Force Microscopy. Langmuir, 2012, 28, 2211-2216.	1.6	47
20	Multifactorial inhibition of lactobacilli against the respiratory tract pathogen <i>Moraxella catarrhalis</i>. Beneficial Microbes, 2018, 9, 429-439.	1.0	43
21	Lessons from probioticâ€“host interaction studies in murine models of experimental colitis. Molecular Nutrition and Food Research, 2011, 55, 1441-1453.	1.5	38
22	Impact of sprayâ€drying on the pili of <i>Lactobacillus rhamnosus </i><scp>GG</scp>. Microbial Biotechnology, 2019, 12, 849-855.	2.0	32
23	Cotton and Surgical Face Masks in Community Settings: Bacterial Contamination and Face Mask Hygiene. Frontiers in Medicine, 2021, 8, 732047.	1.2	27
24	Impact of a lactobacilli-containing gel on vulvovaginal candidosis and the vaginal microbiome. Scientific Reports, 2020, 10, 7976.	1.6	25
25	The role of lactobacilli in inhibiting skin pathogens. Biochemical Society Transactions, 2021, 49, 617-627.	1.6	23
26	Selective targeting of skin pathobionts and inflammation with topically applied lactobacilli. Cell Reports Medicine, 2022, 3, 100521.	3.3	20
27	Novel opportunities for the exploitation of hostâ€“microbiome interactions in the intestine. Current Opinion in Biotechnology, 2015, 32, 28-34.	3.3	14
28	Biochemical characterization of the major N-acetylmuramidase from Lactobacillus buchneri. Microbiology (United Kingdom), 2014, 160, 1807-1819.	0.7	12
29	The use of 3 selected lactobacillary strains in vaginal probiotic gel for the treatment of acute Candida vaginitis: a proof-of-concept study. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 1551-1558.	1.3	9
30	Bioprospecting for Functionally-Proficient Potential Probiotics. Current Nutrition and Food Science, 2015, 10, 251-263.	0.3	8
31	Probiotic attributes of the newly isolated lactic acid bacteria from infantsâ€™ gut. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 05, 109-115.	0.4	4
32	Heat-pretreated <i>Lactobacillus rhamnosus</i> GG shows enhanced survival capacity after spray drying. Drying Technology, 2022, 40, 3602-3613.	1.7	1