

Carola Parolin

List of Publications by Year in descending order

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59
papers

2,085
citations

257101

24
h-index

243296

44
g-index

60
all docs

60
docs citations

60
times ranked

2647
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Breast Milk: A Source of Potential Probiotic Candidates. <i>Microorganisms</i> , 2022, 10, 1279.	1.6	2
2	<i>Lactobacillus crispatus</i> BC1 Biosurfactant Delivered by Hyalurosomes: An Advanced Strategy to Counteract <i>Candida</i> Biofilm. <i>Antibiotics</i> , 2021, 10, 33.	1.5	19
3	<i>Lactobacillus crispatus</i> BC1 Biosurfactant Counteracts the Infectivity of <i>Chlamydia trachomatis</i> Elementary Bodies. <i>Microorganisms</i> , 2021, 9, 975.	1.6	6
4	Probiotic and Metabolic Characterization of Vaginal <i>Lactobacilli</i> for a Potential Use in Functional Foods. <i>Microorganisms</i> , 2021, 9, 833.	1.6	10
5	Anti- <i>Candida</i> Activity of Hyaluronic Acid Combined with <i>Lactobacillus crispatus</i> Lyophilised Supernatant: A New Antifungal Strategy. <i>Antibiotics</i> , 2021, 10, 628.	1.5	9
6	Influence of <i>Lactobacillus</i> Biosurfactants on Skin Permeation of Hydrocortisone. <i>Pharmaceutics</i> , 2021, 13, 820.	2.0	4
7	Insight into phenotypic and genotypic differences between vaginal <i>Lactobacillus crispatus</i> BC5 and <i>Lactobacillus gasseri</i> BC12 to unravel nutritional and stress factors influencing their metabolic activity. <i>Microbial Genomics</i> , 2021, 7, .	1.0	5
8	Unravelling the functional and technological potential of soy milk based microencapsulated <i>Lactobacillus crispatus</i> and <i>Lactobacillus gasseri</i> . <i>Journal of Functional Foods</i> , 2021, 87, 104745.	1.6	5
9	<i>Lactobacillus</i> Biofilms Influence Anti- <i>Candida</i> Activity. <i>Frontiers in Microbiology</i> , 2021, 12, 750368.	1.5	18
10	<i>Lactobacilli</i> as Anti-biofilm Strategy in Oral Infectious Diseases: A Mini-Review. <i>Frontiers in Medical Technology</i> , 2021, 3, 769172.	1.3	13
11	Editorial: Metabolomics of Human Microbiome Studies: Recent Advances in Methods and Applications. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 800337.	1.6	1
12	New Spanish Broom dressings based on Vitamin E and <i>Lactobacillus plantarum</i> for superficial skin wounds. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101499.	1.4	14
13	Evaluation of the fate of <i>Lactobacillus crispatus</i> BC4, carried in Squacquerone cheese, throughout the simulator of the human intestinal microbial ecosystem (SHIME). <i>Food Research International</i> , 2020, 137, 109580.	2.9	8
14	Metabolic profiling of <i>Candida</i> clinical isolates of different species and infection sources. <i>Scientific Reports</i> , 2020, 10, 16716.	1.6	22
15	Biosurfactant from vaginal <i>Lactobacillus crispatus</i> BC1 as a promising agent to interfere with <i>Candida</i> adhesion. <i>Microbial Cell Factories</i> , 2020, 19, 133.	1.9	43
16	Mucoadhesive Buccal Films for Local Delivery of <i>Lactobacillus brevis</i> . <i>Pharmaceutics</i> , 2020, 12, 241.	2.0	20
17	Freeze-Dried Matrices Based on Polyanion Polymers for Chlorhexidine Local Release in the Buccal and Vaginal Cavities. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2447-2457.	1.6	13
18	In-vitro effect of vaginal <i>lactobacilli</i> against group B <i>Streptococcus</i> . <i>Microbial Pathogenesis</i> , 2019, 136, 103692.	1.3	28

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19	Measurement of Bacterial Concentration Using a Portable Sensor System With a Combined Electrical-Optical Approach. <i>IEEE Sensors Journal</i> , 2019, 19, 10693-10700.	2.4	9
20	Diversity of vaginal microbiome and metabolome during genital infections. <i>Scientific Reports</i> , 2019, 9, 14095.	1.6	210
21	Univariate Statistical Analysis as a Guide to ¹ H-NMR Spectra Signal Assignment by Visual Inspection. <i>Metabolites</i> , 2019, 9, 15.	1.3	11
22	Redox Signaling via Lipid Peroxidation Regulates Retinal Progenitor Cell Differentiation. <i>Developmental Cell</i> , 2019, 50, 73-89.e6.	3.1	35
23	Liposomes containing biosurfactants isolated from <i>Lactobacillus gasseri</i> exert antibiofilm activity against methicillin resistant <i>Staphylococcus aureus</i> strains. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 246-252.	2.0	48
24	Extracellular vesicles from symbiotic vaginal lactobacilli inhibit HIV-1 infection of human tissues. <i>Nature Communications</i> , 2019, 10, 5656.	5.8	81
25	Computer Vision Approach for the Determination of Microbial Concentration and Growth Kinetics Using a Low Cost Sensor System. <i>Sensors</i> , 2019, 19, 5367.	2.1	3
26	Electrical Impedance Spectroscopy (EIS) characterization of saline solutions with a low-cost portable measurement system. <i>Engineering Science and Technology, an International Journal</i> , 2019, 22, 102-108.	2.0	23
27	Use of <i>Lactobacillus crispatus</i> to produce a probiotic cheese as potential gender food for preventing gynaecological infections. <i>PLoS ONE</i> , 2019, 14, e0208906.	1.1	34
28	Novel mixed vesicles containing lactobacilli biosurfactant for vaginal delivery of an anti- <i>Candida</i> agent. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 112, 95-101.	1.9	24
29	<i>Lactobacillus crispatus</i> BC5 Interferes With <i>Chlamydia trachomatis</i> Infectivity Through Integrin Modulation in Cervical Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 2630.	1.5	48
30	Vaginal <i>Bifidobacterium breve</i> for preventing urogenital infections: Development of delayed release mucoadhesive oral tablets. <i>International Journal of Pharmaceutics</i> , 2018, 550, 455-462.	2.6	13
31	Insights Into Vaginal Bacterial Communities and Metabolic Profiles of <i>Chlamydia trachomatis</i> Infection: Positioning Between Eubiosis and Dysbiosis. <i>Frontiers in Microbiology</i> , 2018, 9, 600.	1.5	50
32	A portable sensor system for bacterial concentration monitoring in metalworking fluids. <i>Journal of Sensors and Sensor Systems</i> , 2018, 7, 349-357.	0.6	7
33	Interaction of vaginal <i>Lactobacillus</i> strains with HeLa cells plasma membrane. <i>Beneficial Microbes</i> , 2017, 8, 625-633.	1.0	25
34	Design and validation of a DNA-microarray for phylogenetic analysis of bacterial communities in different oral samples and dental implants. <i>Scientific Reports</i> , 2017, 7, 6280.	1.6	17
35	Bacterial concentration detection using a portable embedded sensor system for environmental monitoring. , 2017, , .		7
36	P1.12â€¦Role of vaginal lactobacilli in counteracting <i>Chlamydia trachomatis</i> infectivity in an in vitro model. , 2017, , .		0

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37	Metabolic Variability of a Multispecies Probiotic Preparation Impacts on the Anti-inflammatory Activity. <i>Frontiers in Pharmacology</i> , 2017, 8, 505.	1.6	49
38	Vaginal Lactobacilli Reduce <i>Neisseria gonorrhoeae</i> Viability through Multiple Strategies: An in Vitro Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 502.	1.8	70
39	Efficacy and Safety of a Multistrain Probiotic Formulation Depends from Manufacturing. <i>Frontiers in Immunology</i> , 2017, 8, 1474.	2.2	40
40	Determination of Antibacterial and Technological Properties of Vaginal Lactobacilli for Their Potential Application in Dairy Products. <i>Frontiers in Microbiology</i> , 2017, 8, 166.	1.5	45
41	Novel approaches for the taxonomic and metabolic characterization of lactobacilli: Integration of 16S rRNA gene sequencing with MALDI-TOF MS and 1H-NMR. <i>PLoS ONE</i> , 2017, 12, e0172483.	1.1	46
42	P1.13...Vaginal microbiome signatures in chlamydia trachomatis-infected women. , 2017, , .		0
43	<i>Lactobacillus crispatus</i> inhibits the infectivity of <i>Chlamydia trachomatis</i> elementary bodies, in vitro study. <i>Scientific Reports</i> , 2016, 6, 29024.	1.6	98
44	Microparticles based on chitosan/carboxymethylcellulose polyelectrolyte complexes for colon delivery of vancomycin. <i>Carbohydrate Polymers</i> , 2016, 143, 124-130.	5.1	88
45	Association of <i>Lactobacillus crispatus</i> with fructo-oligosaccharides and ascorbic acid in hydroxypropyl methylcellulose vaginal insert. <i>Carbohydrate Polymers</i> , 2016, 136, 1161-1169.	5.1	26
46	Isolation of Vaginal Lactobacilli and Characterization of Anti-Candida Activity. <i>PLoS ONE</i> , 2015, 10, e0131220.	1.1	163
47	Chitosan based micro- and nanoparticles for colon-targeted delivery of vancomycin prepared by alternative processing methods. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 92, 112-119.	2.0	94
48	Vaginal microbiome and metabolome highlight specific signatures of bacterial vaginosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 2367-2376.	1.3	116
49	A peptidic hydrogel that may behave as a "Trojan Horse". <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 417-424.	1.3	17
50	Mechanism and stereoselectivity of HDAC I inhibition by (R)-9-hydroxystearic acid in colon cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1334-1340.	1.2	30
51	Histone post-translational modifications by HPLC-ESI-MS after HT29 cell treatment with histone deacetylase inhibitors. <i>Proteomics</i> , 2009, 9, 5437-5445.	1.3	25
52	Analysis of human histone H4 by capillary electrophoresis in a pullulan-coated capillary, LC-ESI-MS and MALDI-TOF-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1881-1888.	1.9	12
53	Myocardial Induction of Nucleostemin in Response to Postnatal Growth and Pathological Challenge. <i>Circulation Research</i> , 2008, 103, 89-97.	2.0	40
54	Formation of large coronary arteries by cardiac progenitor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1668-1673.	3.3	162

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55	Modulation of apoptotic signalling by 9-hydroxystearic acid in osteosarcoma cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 139-146.	1.2	17
56	A new EGFR inhibitor induces apoptosis in colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 409-413.	1.0	22
57	9-Hydroxystearic acid interferes with EGF signalling in a human colon adenocarcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 585-588.	1.0	13
58	Histone proteins determined in a human colon cancer by high-performance liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1129, 73-81.	1.8	25
59	Heterologous production of five Hepatitis C virus-derived antigens in three <i>Saccharomyces cerevisiae</i> host strains. <i>Journal of Biotechnology</i> , 2005, 120, 46-58.	1.9	2