Carola Parolin

List of Publications by Year
in descending order

59	2,085	257101 24	243296 44
papers	citations	h-index	g-index

60	60	60	2647
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diversity of vaginal microbiome and metabolome during genital infections. Scientific Reports, 2019, 9, 14095.	1.6	210
2	Isolation of Vaginal Lactobacilli and Characterization of Anti-Candida Activity. PLoS ONE, 2015, 10, e0131220.	1.1	163
3	Formation of large coronary arteries by cardiac progenitor cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1668-1673.	3.3	162
4	Vaginal microbiome and metabolome highlight specific signatures of bacterial vaginosis. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 2367-2376.	1.3	116
5	Lactobacillus crispatus inhibits the infectivity of Chlamydia trachomatis elementary bodies, in vitro study. Scientific Reports, 2016, 6, 29024.	1.6	98
6	Chitosan based micro- and nanoparticles for colon-targeted delivery of vancomycin prepared by alternative processing methods. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 92, 112-119.	2.0	94
7	Microparticles based on chitosan/carboxymethylcellulose polyelectrolyte complexes for colon delivery of vancomycin. Carbohydrate Polymers, 2016, 143, 124-130.	5.1	88
8	Extracellular vesicles from symbiotic vaginal lactobacilli inhibit HIV-1 infection of human tissues. Nature Communications, 2019, 10, 5656.	5.8	81
9	Vaginal Lactobacilli Reduce Neisseria gonorrhoeae Viability through Multiple Strategies: An in Vitro Study. Frontiers in Cellular and Infection Microbiology, 2017, 7, 502.	1.8	70
10	Insights Into Vaginal Bacterial Communities and Metabolic Profiles of Chlamydia trachomatis Infection: Positioning Between Eubiosis and Dysbiosis. Frontiers in Microbiology, 2018, 9, 600.	1.5	50
11	Metabolic Variability of a Multispecies Probiotic Preparation Impacts on the Anti-inflammatory Activity. Frontiers in Pharmacology, 2017, 8, 505.	1.6	49
12	Lactobacillus crispatus BC5 Interferes With Chlamydia trachomatis Infectivity Through Integrin Modulation in Cervical Cells. Frontiers in Microbiology, 2018, 9, 2630.	1.5	48
13	Liposomes containing biosurfactants isolated from Lactobacillus gasseri exert antibiofilm activity against methicillin resistant Staphylococcus aureus strains. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 246-252.	2.0	48
14	Novel approaches for the taxonomic and metabolic characterization of lactobacilli: Integration of 16S rRNA gene sequencing with MALDI-TOF MS and 1H-NMR. PLoS ONE, 2017, 12, e0172483.	1.1	46
15	Determination of Antibacterial and Technological Properties of Vaginal Lactobacilli for Their Potential Application in Dairy Products. Frontiers in Microbiology, 2017, 8, 166.	1.5	45
16	Biosurfactant from vaginal Lactobacillus crispatus BC1 as a promising agent to interfere with Candida adhesion. Microbial Cell Factories, 2020, 19, 133.	1.9	43
17	Myocardial Induction of Nucleostemin in Response to Postnatal Growth and Pathological Challenge. Circulation Research, 2008, 103, 89-97.	2.0	40
18	Efficacy and Safety of a Multistrain Probiotic Formulation Depends from Manufacturing. Frontiers in Immunology, 2017, 8, 1474.	2.2	40

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19	Redox Signaling via Lipid Peroxidation Regulates Retinal Progenitor Cell Differentiation. Developmental Cell, 2019, 50, 73-89.e6.	3.1	35
20	Use of Lactobacillus crispatus to produce a probiotic cheese as potential gender food for preventing gynaecological infections. PLoS ONE, 2019, 14, e0208906.	1.1	34
21	Mechanism and stereoselectivity of HDAC I inhibition by (R)-9-hydroxystearic acid in colon cancer. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1334-1340.	1.2	30
22	In-vitro effect of vaginal lactobacilli against group B Streptococcus. Microbial Pathogenesis, 2019, 136, 103692.	1.3	28
23	Association of Lactobacillus crispatus with fructo-oligosaccharides and ascorbic acid in hydroxypropyl methylcellulose vaginal insert. Carbohydrate Polymers, 2016, 136, 1161-1169.	5.1	26
24	Histone proteins determined in a human colon cancer by high-performance liquid chromatography and mass spectrometry. Journal of Chromatography A, 2006, 1129, 73-81.	1.8	25
25	Histone postâ€translational modifications by HPLCâ€ESIâ€MS after HT29 cell treatment with histone deacetylase inhibitors. Proteomics, 2009, 9, 5437-5445.	1.3	25
26	Interaction of vaginal Lactobacillus strains with HeLa cells plasma membrane. Beneficial Microbes, 2017, 8, 625-633.	1.0	25
27	Novel mixed vesicles containing lactobacilli biosurfactant for vaginal delivery of an anti- Candida agent. European Journal of Pharmaceutical Sciences, 2018, 112, 95-101.	1.9	24
28	Electrical Impedance Spectroscopy (EIS) characterization of saline solutions with a low-cost portable measurement system. Engineering Science and Technology, an International Journal, 2019, 22, 102-108.	2.0	23
29	A new EGFR inhibitor induces apoptosis in colon cancer cells. Biochemical and Biophysical Research Communications, 2007, 354, 409-413.	1.0	22
30	Metabolic profiling of Candida clinical isolates of different species and infection sources. Scientific Reports, 2020, 10, 16716.	1.6	22
31	Mucoadhesive Buccal Films for Local Delivery of Lactobacillus brevis. Pharmaceutics, 2020, 12, 241.	2.0	20
32	Lactobacillus crispatus BC1 Biosurfactant Delivered by Hyalurosomes: An Advanced Strategy to Counteract Candida Biofilm. Antibiotics, 2021, 10, 33.	1.5	19
33	Lactobacillus Biofilms Influence Anti-Candida Activity. Frontiers in Microbiology, 2021, 12, 750368.	1.5	18
34	Modulation of apoptotic signalling by 9-hydroxystearic acid in osteosarcoma cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 139-146.	1.2	17
35	A peptidic hydrogel that may behave as a â€œTrojan Horseâ€. Beilstein Journal of Organic Chemistry, 2013, 9, 417-424.	1.3	17
36	Design and validation of a DNA-microarray for phylogenetic analysis of bacterial communities in different oral samples and dental implants. Scientific Reports, 2017, 7, 6280.	1.6	17

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37	New Spanish Broom dressings based on Vitamin E and Lactobacillus plantarum for superficial skin wounds. Journal of Drug Delivery Science and Technology, 2020, 56, 101499.	1.4	14
38	9-Hydroxystearic acid interferes with EGF signalling in a human colon adenocarcinoma. Biochemical and Biophysical Research Communications, 2006, 342, 585-588.	1.0	13
39	Vaginal Bifidobacterium breve for preventing urogenital infections: Development of delayed release mucoadhesive oral tablets. International Journal of Pharmaceutics, 2018, 550, 455-462.	2.6	13
40	Freeze-Dried Matrices Based on Polyanion Polymers for Chlorhexidine Local Release in the Buccal and Vaginal Cavities. Journal of Pharmaceutical Sciences, 2019, 108, 2447-2457.	1.6	13
41	Lactobacilli as Anti-biofilm Strategy in Oral Infectious Diseases: A Mini-Review. Frontiers in Medical Technology, 2021, 3, 769172.	1.3	13
42	Analysis of human histone H4 by capillary electrophoresis in a pullulan-coated capillary, LC-ESI-MS and MALDI-TOF-MS. Analytical and Bioanalytical Chemistry, 2008, 390, 1881-1888.	1.9	12
43	Univariate Statistical Analysis as a Guide to 1H-NMR Spectra Signal Assignment by Visual Inspection. Metabolites, 2019, 9, 15.	1.3	11
44	Probiotic and Metabolic Characterization of Vaginal Lactobacilli for a Potential Use in Functional Foods. Microorganisms, 2021, 9, 833.	1.6	10
45	Measurement of Bacterial Concentration Using a Portable Sensor System With a Combined Electrical-Optical Approach. IEEE Sensors Journal, 2019, 19, 10693-10700.	2.4	9
46	Anti-Candida Activity of Hyaluronic Acid Combined with LactobacillusÂcrispatus Lyophilised Supernatant: A New Antifungal Strategy. Antibiotics, 2021, 10, 628.	1.5	9
47	Evaluation of the fate of Lactobacillus crispatus BC4, carried in Squacquerone cheese, throughout the simulator of the human intestinal microbial ecosystem (SHIME). Food Research International, 2020, 137, 109580.	2.9	8
48	Bacterial concentration detection using a portable embedded sensor system for environmental monitoring. , 2017, , .		7
49	A portable sensor system for bacterial concentration monitoring in metalworking fluids. Journal of Sensors and Sensor Systems, 2018, 7, 349-357.	0.6	7
50	Lactobacillus crispatus BC1 Biosurfactant Counteracts the Infectivity of Chlamydia trachomatis Elementary Bodies. Microorganisms, 2021, 9, 975.	1.6	6
51	Insight into phenotypic and genotypic differences between vaginal Lactobacillus crispatus BC5 and Lactobacillus gasseri BC12 to unravel nutritional and stress factors influencing their metabolic activity. Microbial Genomics, 2021, 7, .	1.0	5
52	Unravelling the functional and technological potential of soy milk based microencapsulated Lactobacillus crispatus and Lactobacillus gasseri. Journal of Functional Foods, 2021, 87, 104745.	1.6	5
53	Influence of Lactobacillus Biosurfactants on Skin Permeation of Hydrocortisone. Pharmaceutics, 2021, 13, 820.	2.0	4
54	Computer Vision Approach for the Determination of Microbial Concentration and Growth Kinetics Using a Low Cost Sensor System. Sensors, 2019, 19, 5367.	2.1	3

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55	Heterologous production of five Hepatitis C virus-derived antigens in three Saccharomyces cerevisiae host strains. Journal of Biotechnology, 2005, 120, 46-58.	1.9	2
56	Human Breast Milk: A Source of Potential Probiotic Candidates. Microorganisms, 2022, 10, 1279.	1.6	2
57	Editorial: Metabolomics of Human Microbiome Studies: Recent Advances in Methods and Applications. Frontiers in Molecular Biosciences, 2021, 8, 800337.	1.6	1
58	P1.12â€...Role of vaginal lactobacilli in counteractingchlamydia trachomatisinfectivity in an in vitro model. , 2017, , .		0
59	P1.13â€...Vaginal microbiome signatures inchlamydia trachomatisinfected women. , 2017, , .		0