

Christian U Riedel

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,800
citations

201575

27
h-index

182361

51
g-index

66
all docs

66
docs citations

66
times ranked

3834
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteriocin production as a mechanism for the antiinfective activity of <i>Lactobacillus salivarius</i> UCC118. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7617-7621.	3.3	690
2	Resistance of <i>Listeria monocytogenes</i> to Stress Conditions Encountered in Food and Food Processing Environments. <i>Frontiers in Microbiology</i> , 2018, 9, 2700.	1.5	183
3	Anti-inflammatory effects of bifidobacteria by inhibition of LPS-induced NF- κ B activation. <i>World Journal of Gastroenterology</i> , 2006, 12, 3729.	1.4	159
4	AgrD-dependent quorum sensing affects biofilm formation, invasion, virulence and global gene expression profiles in <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2009, 71, 1177-1189.	1.2	158
5	Improved Luciferase Tagging System for <i>Listeria monocytogenes</i> Allows Real-Time Monitoring In Vivo and In Vitro. <i>Applied and Environmental Microbiology</i> , 2007, 73, 3091-3094.	1.4	101
6	Construction of p16S <i>lux</i> , a Novel Vector for Improved Bioluminescent Labeling of Gram-Negative Bacteria. <i>Applied and Environmental Microbiology</i> , 2007, 73, 7092-7095.	1.4	84
7	Selection of Bifidobacteria Based on Adhesion and Anti-Inflammatory Capacity <i>In Vitro</i> for Amelioration of Murine Colitis. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3048-3051.	1.4	70
8	The Association of the Skin Microbiota With Health, Immunity, and Disease. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 62-69.	2.3	69
9	Treatment with <i>Bifidobacterium bifidum</i> 17 partially protects mice from Th1-driven inflammation in a chemically induced model of colitis. <i>International Journal of Food Microbiology</i> , 2011, 149, 45-49.	2.1	66
10	Bifidobacteria Exhibit LuxS-Dependent Autoinducer 2 Activity and Biofilm Formation. <i>PLoS ONE</i> , 2014, 9, e88260.	1.1	63
11	RNA-Based Stable Isotope Probing Suggests <i>Allobaculum</i> spp. as Particularly Active Glucose Assimilators in a Complex Murine Microbiota Cultured In Vitro. <i>BioMed Research International</i> , 2017, 2017, 1-13.	0.9	56
12	Interaction of bifidobacteria with Caco-2 cells' adhesion and impact on expression profiles. <i>International Journal of Food Microbiology</i> , 2006, 110, 62-68.	2.1	54
13	Bacterial luciferase reporters: The Swiss army knife of molecular biology. <i>Bioengineered Bugs</i> , 2011, 2, 8-16.	2.0	51
14	A Critical Evaluation of Bifidobacterial Adhesion to the Host Tissue. <i>Frontiers in Microbiology</i> , 2016, 7, 1220.	1.5	49
15	Improved adhesive properties of recombinant bifidobacteria expressing the <i>Bifidobacterium bifidum</i> -specific lipoprotein BopA. <i>Microbial Cell Factories</i> , 2012, 11, 80.	1.9	46
16	Bifidobacteria-Host Interactions' An Update on Colonisation Factors. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	45
17	CD14-Dependent Monocyte Isolation Enhances Phagocytosis of <i>Listeria monocytogenes</i> by Proinflammatory, GM-CSF-Derived Macrophages. <i>PLoS ONE</i> , 2013, 8, e66898.	1.1	41
18	Colonization of C57BL/6 Mice by a Potential Probiotic <i>Bifidobacterium bifidum</i> Strain under Germ-Free and Specific Pathogen-Free Conditions and during Experimental Colitis. <i>PLoS ONE</i> , 2015, 10, e0139935.	1.1	41

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19	Proteomic analysis of the interaction of <i>Bifidobacterium longum</i> NCC2705 with the intestine cells Caco-2 and identification of plasminogen receptors. <i>Journal of Proteomics</i> , 2014, 108, 89-98.	1.2	40
20	DNase-Sensitive and -Resistant Modes of Biofilm Formation by <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1428.	1.5	38
21	Determination of Resistant Starch Assimilating Bacteria in Fecal Samples of Mice by In vitro RNA-Based Stable Isotope Probing. <i>Frontiers in Microbiology</i> , 2017, 8, 1331.	1.5	38
22	Identification of the agr Peptide of <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 989.	1.5	36
23	Complete Genome Sequence of <i>Bifidobacterium bifidum</i> S17. <i>Journal of Bacteriology</i> , 2011, 193, 301-302.	1.0	35
24	Proteomics analysis of <i>Bifidobacterium longum</i> NCC2705 growing on glucose, fructose, mannose, xylose, ribose, and galactose. <i>Proteomics</i> , 2011, 11, 2628-2638.	1.3	31
25	Expression of Fluorescent Proteins in <i>Bifidobacteria</i> for Analysis of Host-Microbe Interactions. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2842-2850.	1.4	31
26	Accessing the Inaccessible: Molecular Tools for <i>Bifidobacteria</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 5035-5042.	1.4	30
27	Storage-Dependent Generation of Potent Anti-ZIKV Activity in Human Breast Milk. <i>Viruses</i> , 2019, 11, 591.	1.5	30
28	Induction of apoptosis in ovarian cancer cells by miR-493-3p directly targeting AKT2, STK38L, HMGA2, ETS1 and E2F5. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 539-559.	2.4	28
29	In Vivo Assessment of Resistant Starch Degradation by the Caecal Microbiota of Mice Using RNA-Based Stable Isotope Probing—A Proof-of-Principle Study. <i>Nutrients</i> , 2018, 10, 179.	1.7	27
30	Tough nuts to crack. <i>Bioengineered</i> , 2013, 4, 197-202.	1.4	23
31	Surface adhesins and exopolymers of selected foodborne pathogens. <i>Microbiology (United Kingdom)</i> , 2014, 160, 2561-2582.	0.7	23
32	Experimental determination and characterization of the promoter of <i>Bifidobacterium bifidum</i> S17. <i>Bioengineered</i> , 2014, 5, 371-377.	1.4	22
33	Investigation on tissue specific effects of pro-apoptotic micro RNAs revealed miR-147b as a potential biomarker in ovarian cancer prognosis. <i>Oncotarget</i> , 2017, 8, 18773-18791.	0.8	22
34	Three-dimensional tumor spheroids for in vitro analysis of bacteria as gene delivery vectors in tumor therapy. <i>Microbial Cell Factories</i> , 2015, 14, 199.	1.9	21
35	Characterization of the biofilm phenotype of a <i>Listeria monocytogenes</i> mutant deficient in agr peptide sensing. <i>MicrobiologyOpen</i> , 2019, 8, e00826.	1.2	20
36	Fructose Uptake in <i>Bifidobacterium longum</i> NCC2705 Is Mediated by an ATP-binding Cassette Transporter. <i>Journal of Biological Chemistry</i> , 2012, 287, 357-367.	1.6	19

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37	High-pressure processing-induced transcriptome response during recovery of <i>Listeria monocytogenes</i> . <i>BMC Genomics</i> , 2021, 22, 117.	1.2	18
38	A Phytase-Based Reporter System for Identification of Functional Secretion Signals in <i>Bifidobacteria</i> . <i>PLoS ONE</i> , 2015, 10, e0128802.	1.1	18
39	Epithelial GPR35 protects from <i>Citrobacter rodentium</i> infection by preserving goblet cells and mucosal barrier integrity. <i>Mucosal Immunology</i> , 2022, 15, 443-458.	2.7	18
40	AI-2 to the rescue against antibiotic-induced intestinal dysbiosis?. <i>Trends in Microbiology</i> , 2015, 23, 327-328.	3.5	15
41	Establishing recombinant production of pediocin PA-1 in <i>Corynebacterium glutamicum</i> . <i>Metabolic Engineering</i> , 2021, 68, 34-45.	3.6	15
42	Exploring the genome sequence of <i>Bifidobacterium bifidum</i> S17 for potential players in host-microbe interactions. <i>Symbiosis</i> , 2012, 58, 191-200.	1.2	14
43	Proteomic Profiling of <i>Bifidobacterium bifidum</i> S17 Cultivated Under In Vitro Conditions. <i>Frontiers in Microbiology</i> , 2016, 7, 97.	1.5	14
44	Manipulation of the Microbiota Using Probiotics. <i>Advances in Experimental Medicine and Biology</i> , 2016, 902, 109-117.	0.8	14
45	Intracellular pHluorin as Sensor for Easy Assessment of Bacteriocin-Induced Membrane-Damage in <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3038.	1.5	14
46	mir-124-5p Regulates Phagocytosis of Human Macrophages by Targeting the Actin Cytoskeleton via the ARP2/3 Complex. <i>Frontiers in Immunology</i> , 2019, 10, 2210.	2.2	14
47	Genomic characterization of the most barotolerant <i>Listeria monocytogenes</i> RO15 strain compared to reference strains used to evaluate food high pressure processing. <i>BMC Genomics</i> , 2020, 21, 455.	1.2	14
48	Identification of Potential Probiotics Producing Bacteriocins Active against <i>Listeria monocytogenes</i> by a Combination of Screening Tools. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8615.	1.8	14
49	Recombinant production of the lantibiotic nisin using <i>Corynebacterium glutamicum</i> in a two-step process. <i>Microbial Cell Factories</i> , 2022, 21, 11.	1.9	13
50	Ubericin K, a New Pore-Forming Bacteriocin Targeting mannose-PTS. <i>Microbiology Spectrum</i> , 2021, 9, e0029921.	1.2	11
51	Adaptation of the lactic acid bacterium <i>Carnobacterium maltaromaticum</i> LMA 28 to the mammalian gastrointestinal tract: From survival in mice to interaction with human cells. <i>International Dairy Journal</i> , 2014, 34, 93-99.	1.5	10
52	Effect of rotor type on the separation of isotope-labeled and unlabeled <i>Escherichia coli</i> RNA by isopycnic density ultracentrifugation. <i>Canadian Journal of Microbiology</i> , 2017, 63, 83-87.	0.8	8
53	High-Quality Draft Genome Sequence of <i>Bifidobacterium longum</i> E18, Isolated from a Healthy Adult. <i>Genome Announcements</i> , 2013, 1, .	0.8	7
54	In Silico Prediction and Analysis of Unusual Lantibiotic Resistance Operons in the Genus <i>Corynebacterium</i> . <i>Microorganisms</i> , 2021, 9, 646.	1.6	6

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55	Analysis of temporal gene regulation of <i>Listeria monocytogenes</i> revealed distinct regulatory response modes after exposure to high pressure processing. <i>BMC Genomics</i> , 2021, 22, 266.	1.2	5
56	A Diffusion Model to Quantify Membrane Repair Process in <i>Listeria monocytogenes</i> Exposed to High Pressure Processing Based on Fluorescence Microscopy Data. <i>Frontiers in Microbiology</i> , 2021, 12, 598739.	1.5	5
57	Improved fluorescent <i>Listeria</i> spp. biosensors for analysis of antimicrobials by flow cytometry. <i>MicrobiologyOpen</i> , 2022, 11, .	1.2	5
58	Clinical Significance of Bifidobacteria. , 2018, , 221-234.		1
59	The complete genome sequence of <i>Listeria monocytogenes</i> strain S2542 and expression of selected genes under high-pressure processing. <i>BMC Research Notes</i> , 2021, 14, 137.	0.6	1
60	Accessing the Inaccessible: Molecular Tools for Bifidobacteria. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1807-1807.	1.4	0
61	Development of an Antigen-driven Colitis Model to Study Presentation of Antigens by Antigen Presenting Cells to T Cells. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	0