

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	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
2	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
3	Improved fluorescent <i>Listeria</i> spp. biosensors for analysis of antimicrobials by flow cytometry. <i>MicrobiologyOpen</i> , 2022, 11, .	1.2	5
4	High-pressure processing-induced transcriptome response during recovery of <i>Listeria monocytogenes</i> . <i>BMC Genomics</i> , 2021, 22, 117.	1.2	18
5	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
6	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
7	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
8	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
9	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
10	Establishing recombinant production of pediocin PA-1 in <i>Corynebacterium glutamicum</i> . <i>Metabolic Engineering</i> , 2021, 68, 34-45.	3.6	15
11	Ubericin K, a New Pore-Forming Bacteriocin Targeting mannose-PTS. <i>Microbiology Spectrum</i> , 2021, 9, e0029921.	1.2	11
12	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
13	Storage-Dependent Generation of Potent Anti-ZIKV Activity in Human Breast Milk. <i>Viruses</i> , 2019, 11, 591.	1.5	30
14	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
15	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
16	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
17	Clinical Significance of Bifidobacteria. , 2018, , 221-234.		1
18	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

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19	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
20	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
21	The Association of the Skin Microbiota With Health, Immunity, and Disease. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 62-69.	2.3	69
22	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
23	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
24	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, 1-13.	0.9	56
25	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
26	Proteomic Profiling of <i>Bifidobacterium bifidum</i> S17 Cultivated Under In Vitro Conditions. <i>Frontiers in Microbiology</i> , 2016, 7, 97.	1.5	14
27	Identification of the agr Peptide of <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 989.	1.5	36
28	A Critical Evaluation of Bifidobacterial Adhesion to the Host Tissue. <i>Frontiers in Microbiology</i> , 2016, 7, 1220.	1.5	49
29	Manipulation of the Microbiota Using Probiotics. <i>Advances in Experimental Medicine and Biology</i> , 2016, 902, 109-117.	0.8	14
30	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
31	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
32	DNase-Sensitive and -Resistant Modes of Biofilm Formation by <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1428.	1.5	38
33	AI-2 to the rescue against antibiotic-induced intestinal dysbiosis?. <i>Trends in Microbiology</i> , 2015, 23, 327-328.	3.5	15
34	A Phytase-Based Reporter System for Identification of Functional Secretion Signals in Bifidobacteria. <i>PLoS ONE</i> , 2015, 10, e0128802.	1.1	18
35	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
36	Experimental determination and characterization of the gap promoter of <i>Bifidobacterium bifidum</i> S17. <i>Bioengineered</i> , 2014, 5, 371-377.	1.4	22

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37	Accessing the Inaccessible: Molecular Tools for Bifidobacteria. Applied and Environmental Microbiology, 2014, 80, 1807-1807.	1.4	0
38	Bifidobacteria-Host Interactions—An Update on Colonisation Factors. BioMed Research International, 2014, 2014, 1-10.	0.9	45
39	Proteomic analysis of the interaction of Bifidobacterium longum NCC2705 with the intestine cells Caco-2 and identification of plasminogen receptors. Journal of Proteomics, 2014, 108, 89-98.	1.2	40
40	Expression of Fluorescent Proteins in Bifidobacteria for Analysis of Host-Microbe Interactions. Applied and Environmental Microbiology, 2014, 80, 2842-2850.	1.4	31
41	Surface adhesins and exopolymers of selected foodborne pathogens. Microbiology (United Kingdom), 2014, 160, 2561-2582.	0.7	23
42	Adaptation of the lactic acid bacterium Carnobacterium maltaromaticum LMA 28 to the mammalian gastrointestinal tract: From survival in mice to interaction with human cells. International Dairy Journal, 2014, 34, 93-99.	1.5	10
43	Bifidobacteria Exhibit LuxS-Dependent Autoinducer 2 Activity and Biofilm Formation. PLoS ONE, 2014, 9, e88260.	1.1	63
44	Tough nuts to crack. Bioengineered, 2013, 4, 197-202.	1.4	23
45	High-Quality Draft Genome Sequence of Bifidobacterium longum E18, Isolated from a Healthy Adult. Genome Announcements, 2013, 1, .	0.8	7
46	CD14-Dependent Monocyte Isolation Enhances Phagocytosis of Listeria monocytogenes by Proinflammatory, GM-CSF-Derived Macrophages. PLoS ONE, 2013, 8, e66898.	1.1	41
47	Fructose Uptake in Bifidobacterium longum NCC2705 Is Mediated by an ATP-binding Cassette Transporter. Journal of Biological Chemistry, 2012, 287, 357-367.	1.6	19
48	Exploring the genome sequence of Bifidobacterium bifidum S17 for potential players in host-microbe interactions. Symbiosis, 2012, 58, 191-200.	1.2	14
49	Accessing the Inaccessible: Molecular Tools for Bifidobacteria. Applied and Environmental Microbiology, 2012, 78, 5035-5042.	1.4	30
50	Improved adhesive properties of recombinant bifidobacteria expressing the Bifidobacterium bifidum-specific lipoprotein BopA. Microbial Cell Factories, 2012, 11, 80.	1.9	46
51	Treatment with Bifidobacterium bifidum 17 partially protects mice from Th1-driven inflammation in a chemically induced model of colitis. International Journal of Food Microbiology, 2011, 149, 45-49.	2.1	66
52	Proteomics analysis of <i>Bifidobacterium longum</i> NCC2705 growing on glucose, fructose, mannose, xylose, ribose, and galactose. Proteomics, 2011, 11, 2628-2638.	1.3	31
53	Bacterial luciferase reporters: The Swiss army knife of molecular biology. Bioengineered Bugs, 2011, 2, 8-16.	2.0	51
54	Complete Genome Sequence of Bifidobacterium bifidum S17. Journal of Bacteriology, 2011, 193, 301-302.	1.0	35

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55	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
56	Agr-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
57	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
58	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
59	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
60	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
61	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