

Jörg Bernhardt

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,983
citations

279798

23
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

3354
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lichensâ€™ Microbiota, Still a Mystery?. <i>Frontiers in Microbiology</i> , 2021, 12, 623839.	3.5	85
2	Influenza A H1N1 Induced Disturbance of the Respiratory and Fecal Microbiome of German Landrace Pigs â€“ a Multi-Omics Characterization. <i>Microbiology Spectrum</i> , 2021, 9, e0018221.	3.0	14
3	The Effect of Allicin on the Proteome of SARS-CoV-2 Infected Calu-3 Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 746795.	3.5	24
4	High productivity in hybrid-poplar plantations without isoprene emission to the atmosphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1596-1605.	7.1	31
5	A Multi-Omics Protocol for Swine Feces to Elucidate Longitudinal Dynamics in Microbiome Structure and Function. <i>Microorganisms</i> , 2020, 8, 1887.	3.6	15
6	The plant-derived naphthoquinone lapachol causes an oxidative stress response in <i>Staphylococcus aureus</i> . <i>Free Radical Biology and Medicine</i> , 2020, 158, 126-136.	2.9	26
7	An optimized metaproteomics protocol for a holistic taxonomic and functional characterization of microbial communities from marine particles. <i>Environmental Microbiology Reports</i> , 2020, 12, 367-376.	2.4	18
8	The MarR-Type Repressor MhqR Confers Quinone and Antimicrobial Resistance in <i>Staphylococcus aureus</i> . <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1235-1252.	5.4	31
9	<i>Staphylococcus aureus</i> responds to allicin by global S-thioallylation â€“ Role of the Brx/BSH/YpdA pathway and the disulfide reductase MerA to overcome allicin stress. <i>Free Radical Biology and Medicine</i> , 2019, 139, 55-69.	2.9	65
10	Improved Wound Healing of Airway Epithelial Cells Is Mediated by Cold Atmospheric Plasma: A Time Course-Related Proteome Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-21.	4.0	9
11	The Disulfide Stress Response and Protein S-thioallylation Caused by Allicin and Diallyl Polysulfanes in <i>Bacillus subtilis</i> as Revealed by Transcriptomics and Proteomics. <i>Antioxidants</i> , 2019, 8, 605.	5.1	23
12	The human allicin-proteome: S-thioallylation of proteins by the garlic defence substance allicin and its biological effects. <i>Free Radical Biology and Medicine</i> , 2019, 131, 144-153.	2.9	61
13	Protein S-Bacillithiolation Functions in Thiol Protection and Redox Regulation of the Glyceraldehyde-3-Phosphate Dehydrogenase Gap in <i>Staphylococcus aureus</i> Under Hypochlorite Stress. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 410-430.	5.4	58
14	Redox-Sensing Under Hypochlorite Stress and Infection Conditions by the Rrf2-Family Repressor HypR in <i>Staphylococcus aureus</i> . <i>Antioxidants and Redox Signaling</i> , 2018, 29, 615-636.	5.4	51
15	The AGXXÂ® Antimicrobial Coating Causes a Thiol-Specific Oxidative Stress Response and Protein S-bacillithiolation in <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3037.	3.5	33
16	<i>Candida albicans</i> biofilmâ€“induced vesicles confer drug resistance through matrix biogenesis. <i>PLoS Biology</i> , 2018, 16, e2006872.	5.6	173
17	Comparative Secretome Analyses of Human and Zoonotic <i>Staphylococcus aureus</i> Isolates CC8, CC22, and CC398. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2412-2433.	3.8	29
18	Mapping the HLA Ligandome of Colorectal Cancer Reveals an Imprint of Malignant Cell Transformation. <i>Cancer Research</i> , 2018, 78, 4627-4641.	0.9	56

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19	Holistic Assessment of Rumen Microbiome Dynamics through Quantitative Metatranscriptomics Reveals Multifunctional Redundancy during Key Steps of Anaerobic Feed Degradation. <i>MSystems</i> , 2018, 3, .	3.8	74
20	Fungal volatile compounds induce production of the secondary metabolite Sodorifen in <i>Serratia plymuthica</i> PRI-2C. <i>Scientific Reports</i> , 2017, 7, 862.	3.3	115
21	Monitoring global protein thiol-oxidation and protein S-mycothiolation in <i>Mycobacterium smegmatis</i> under hypochlorite stress. <i>Scientific Reports</i> , 2017, 7, 1195.	3.3	47
22	Symbiotic Interplay of Fungi, Algae, and Bacteria within the Lung Lichen <i>Lobaria pulmonaria</i> L. Hoffm. as Assessed by State-of-the-Art Metaproteomics. <i>Journal of Proteome Research</i> , 2017, 16, 2160-2173.	3.7	43
23	Nitric Oxide Modulates Histone Acetylation at Stress Genes by Inhibition of Histone Deacetylases. <i>Plant Physiology</i> , 2017, 173, 1434-1452.	4.8	114
24	Impact of Dietary Resistant Starch on the Human Gut Microbiome, Metaproteome, and Metabolome. <i>MBio</i> , 2017, 8, .	4.1	219
25	The glyceraldehyde-3-phosphate dehydrogenase GapDH of <i>Corynebacterium diphtheriae</i> is redox-controlled by protein S-mycothiolation under oxidative stress. <i>Scientific Reports</i> , 2017, 7, 5020.	3.3	24
26	An essential regulatory function of the DnaK chaperone dictates the decision between proliferation and maintenance in <i>Caulobacter crescentus</i> . <i>PLoS Genetics</i> , 2017, 13, e1007148.	3.5	28
27	A proteomic approach for the identification of immunotoxic properties of Tulipalin A. <i>Proteomics</i> , 2016, 16, 2997-3008.	2.2	3
28	Costs of life - Dynamics of the protein inventory of <i>Staphylococcus aureus</i> during anaerobiosis. <i>Scientific Reports</i> , 2016, 6, 28172.	3.3	38
29	Modulation of Protein S-Nitrosylation by Isoprene Emission in Poplar. <i>Plant Physiology</i> , 2016, 170, 1945-1961.	4.8	39
30	A Metaproteomics Approach to Elucidate Host and Pathogen Protein Expression during Catheter-Associated Urinary Tract Infections (CAUTIs). <i>Molecular and Cellular Proteomics</i> , 2015, 14, 989-1008.	3.8	63
31	Visual account of protein investment in cellular functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8488-8493.	7.1	304
32	Highly Precise Quantification of Protein Molecules per Cell During Stress and Starvation Responses in <i>Bacillus subtilis</i> . <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2260-2276.	3.8	44
33	Data visualization in environmental proteomics. <i>Proteomics</i> , 2013, 13, 2805-2821.	2.2	21