

# Siegfried Scherer

## List of Publications by Year in descending order

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213  
papers

11,436  
citations

20797

60  
h-index

38368

95  
g-index

220  
all docs

220  
docs citations

220  
times ranked

7968  
citing authors

#	ARTICLE	IF	CITATIONS
1	UV-B-induced synthesis of photoprotective pigments and extracellular polysaccharides in the terrestrial cyanobacterium <i>Nostoc commune</i> . <i>Journal of Bacteriology</i> , 1997, 179, 1940-1945.	1.0	340
2	Emetic toxin formation of <i>Bacillus cereus</i> is restricted to a single evolutionary lineage of closely related strains. <i>Microbiology (United Kingdom)</i> , 2005, 151, 183-197.	0.7	324
3	C-terminal domains of <i>Listeria monocytogenes</i> bacteriophage murein hydrolases determine specific recognition and high-affinity binding to bacterial cell wall carbohydrates. <i>Molecular Microbiology</i> , 2002, 44, 335-349.	1.2	322
4	<i>Bacillus cereus</i> , the causative agent of an emetic type of food-borne illness. <i>Molecular Nutrition and Food Research</i> , 2004, 48, 479-487.	1.5	310
5	Identification and Partial Characterization of the Nonribosomal Peptide Synthetase Gene Responsible for Cereulide Production in Emetic <i>Bacillus cereus</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 105-113.	1.4	249
6	Diagnostic Real-Time PCR Assays for the Detection of Emetic <i>Bacillus cereus</i> Strains in Foods and Recent Food-Borne Outbreaks. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1892-1898.	1.4	230
7	Rapid and Reliable Identification of Food-Borne Yeasts by Fourier-Transform Infrared Spectroscopy. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2207-2214.	1.4	210
8	UV protection in cyanobacteria. <i>European Journal of Phycology</i> , 1999, 34, 329-338.	0.9	204
9	Cereulide synthetase gene cluster from emetic <i>Bacillus cereus</i> : structure and location on a mega virulence plasmid related to <i>Bacillus anthracis</i> toxin plasmid pXO1. <i>BMC Microbiology</i> , 2006, 6, 20.	1.3	199
10	High incidence of <i>Listeria monocytogenes</i> in European red smear cheese. <i>International Journal of Food Microbiology</i> , 2001, 63, 91-98.	2.1	184
11	Biodiversity of refrigerated raw milk microbiota and their enzymatic spoilage potential. <i>International Journal of Food Microbiology</i> , 2015, 211, 57-65.	2.1	176
12	Heterogeneous endolysins in <i>Listeria monocytogenes</i> bacteriophages: a new class of enzymes and evidence for conserved holin genes within the siphoviral lysis cassettes. <i>Molecular Microbiology</i> , 1995, 16, 1231-1241.	1.2	171
13	The Hemolytic Enterotoxin HBL Is Broadly Distributed among Species of the <i>Bacillus cereus</i> Group. <i>Applied and Environmental Microbiology</i> , 1999, 65, 5436-5442.	1.4	169
14	Rewetting of drought-resistant blue-green algae: Time course of water uptake and reappearance of respiration, photosynthesis, and nitrogen fixation. <i>Oecologia</i> , 1984, 62, 418-423.	0.9	167
15	Identification of emetic toxin producing <i>Bacillus cereus</i> strains by a novel molecular assay. <i>FEMS Microbiology Letters</i> , 2004, 232, 189-195.	0.7	167
16	Do photosynthetic and respiratory electron transport chains share redox proteins?. <i>Trends in Biochemical Sciences</i> , 1990, 15, 458-462.	3.7	164
17	Surface Microflora of Four Smear-Ripened Cheeses. <i>Applied and Environmental Microbiology</i> , 2005, 71, 6489-6500.	1.4	152
18	Structure of a Novel Oligosaccharide-Mycosporine-Amino Acid Ultraviolet A/B Sunscreen Pigment from the Terrestrial Cyanobacterium <i>Nostoc commune</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 8536-8539.	1.6	146

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19	Fourier-Transform Infrared Microspectroscopy, a Novel and Rapid Tool for Identification of Yeasts. Applied and Environmental Microbiology, 2002, 68, 4717-4721.	1.4	134
20	Interaction of photosynthesis, respiration and nitrogen fixation in cyanobacteria. Photosynthesis Research, 1988, 15, 95-114.	1.6	132
21	Identification of coryneform bacteria and related taxa by Fourier-transform infrared (FT-IR) spectroscopy.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 91-100.	0.8	124
22	Three Bacillus cereus bacteriophage endolysins are unrelated but reveal high homology to cell wall hydrolases from different bacilli. Journal of Bacteriology, 1997, 179, 2845-2851.	1.0	123
23	Identification of microorganisms by FTIR spectroscopy: perspectives and limitations of the method. Applied Microbiology and Biotechnology, 2013, 97, 7111-7120.	1.7	123
24	Gene Cloning and Expression and Secretion of Listeria monocytogenes Bacteriophage-Lytic Enzymes in Lactococcus lactis. Applied and Environmental Microbiology, 2000, 66, 2951-2958.	1.4	122
25	The Murein Hydrolase of the Bacteriophage $\phi$ 3626 Dual Lysis System Is Active against All Tested <i>Clostridium perfringens</i> Strains. Applied and Environmental Microbiology, 2002, 68, 5311-5317.	1.4	120
26	Bacteriophage receptors on Listeria monocytogenes cells are the N-acetylglucosamine and rhamnose substituents of teichoic acids or the peptidoglycan itself. Microbiology (United Kingdom), 1996, 142, 985-992.	0.7	119
27	Identification of yeasts and coryneform bacteria from the surface microflora of brick cheeses. International Journal of Food Microbiology, 1997, 34, 115-129.	2.1	118
28	Discrimination of Psychrotrophic and Mesophilic Strains of the <i>Bacillus cereus</i> Group by PCR Targeting of Major Cold Shock Protein Genes. Applied and Environmental Microbiology, 1998, 64, 3525-3529.	1.4	115
29	Sources of the adventitious microflora of a smear-ripened cheese. Journal of Applied Microbiology, 2006, 101, 668-681.	1.4	108
30	Reliable and Rapid Identification of Listeria monocytogenes and Listeria Species by Artificial Neural Network-Based Fourier Transform Infrared Spectroscopy. Applied and Environmental Microbiology, 2006, 72, 994-1000.	1.4	107
31	Temporal Stability and Biodiversity of Two Complex Antilisterial Cheese-Ripening Microbial Consortia. Applied and Environmental Microbiology, 2003, 69, 4012-4018.	1.4	104
32	UV Irradiation and Desiccation Modulate the Three-dimensional Extracellular Matrix of Nostoc commune (Cyanobacteria). Journal of Biological Chemistry, 2005, 280, 40271-40281.	1.6	103
33	Microbial biodiversity, quality and shelf life of microfiltered and pasteurized extended shelf life (ESL) milk from Germany, Austria and Switzerland. International Journal of Food Microbiology, 2012, 154, 1-9.	2.1	98
34	Massive horizontal gene transfer, strictly vertical inheritance and ancient duplications differentially shape the evolution of Bacillus cereus enterotoxin operons hbl, cytK and nhe. BMC Evolutionary Biology, 2015, 15, 246.	3.2	97
35	Listeria weihenstephanensis sp. nov., isolated from the water plant Lemna trisulca taken from a freshwater pond. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 641-647.	0.8	96
36	From genome to toxicity: a combinatory approach highlights the complexity of enterotoxin production in Bacillus cereus. Frontiers in Microbiology, 2015, 6, 560.	1.5	96

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37	Commercial Ripening Starter Microorganisms Inoculated into Cheese Milk Do Not Successfully Establish Themselves in the Resident Microbial Ripening Consortia of a South German Red Smear Cheese. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2210-2217.	1.4	95
38	Pathogenic potential of fifty <i>Bacillus weihenstephanensis</i> strains. <i>FEMS Microbiology Letters</i> , 2002, 215, 47-51.	0.7	91
39	The two-component lysis system of <i>Staphylococcus aureus</i> bacteriophage Twort: a large TTG-start holin and an associated amidase endolysin. <i>FEMS Microbiology Letters</i> , 1998, 162, 265-274.	0.7	90
40	Identification and purification of a family of dimeric major cold shock protein homologs from the psychrotrophic <i>Bacillus cereus</i> WSBC 10201. <i>Journal of Bacteriology</i> , 1996, 178, 2916-2925.	1.0	89
41	A Pediocin-Producing <i>Lactobacillus plantarum</i> Strain Inhibits <i>Listeria monocytogenes</i> in a Multispecies Cheese Surface Microbial Ripening Consortium. <i>Applied and Environmental Microbiology</i> , 2003, 69, 1854-1857.	1.4	88
42	The Macrocytic Peptide Antibiotic Micrococcin P 1 Is Secreted by the Food-Borne Bacterium <i>Staphylococcus equorum</i> WS 2733 and Inhibits <i>Listeria monocytogenes</i> on Soft Cheese. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2378-2384.	1.4	85
43	Pathogenomics of <i>Listeria</i> spp.. <i>International Journal of Medical Microbiology</i> , 2007, 297, 541-557.	1.5	84
44	Stability of the Biodiversity of the Surface Consortia of Gubbeen, a Red-Smear Cheese. <i>Journal of Dairy Science</i> , 2007, 90, 2200-2210.	1.4	82
45	Genomic Analysis of <i>Clostridium perfringens</i> Bacteriophage $\phi$ 3626, Which Integrates into <i>guaA</i> and Possibly Affects Sporulation. <i>Journal of Bacteriology</i> , 2002, 184, 4359-4368.	1.0	80
46	High Deleterious Genomic Mutation Rate in Stationary Phase of <i>Escherichia coli</i> . <i>Science</i> , 2003, 302, 1558-1560.	6.0	80
47	Surface microbial consortia from Livarot, a French smear-ripened cheese. <i>Canadian Journal of Microbiology</i> , 2011, 57, 651-660.	0.8	76
48	Differentiation of <i>Listeria monocytogenes</i> Serovars by Using Artificial Neural Network Analysis of Fourier-Transformed Infrared Spectra. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1036-1040.	1.4	75
49	Growth of <i>Pseudomonas weihenstephanensis</i> , <i>Pseudomonas proteolytica</i> and <i>Pseudomonas</i> sp. in raw milk: Impact of residual heat-stable enzyme activity on stability of UHT milk during shelf-life. <i>International Dairy Journal</i> , 2016, 59, 20-28.	1.5	75
50	Cereulide synthesis in emetic <i>Bacillus cereus</i> is controlled by the transition state regulator AbrB, but not by the virulence regulator PlcR. <i>Microbiology (United Kingdom)</i> , 2009, 155, 922-931.	0.7	74
51	CodY orchestrates the expression of virulence determinants in emetic <i>Bacillus cereus</i> by impacting key regulatory circuits. <i>Molecular Microbiology</i> , 2012, 85, 67-88.	1.2	70
52	Climatic influence on mesophilic <i>Bacillus cereus</i> and psychrotolerant <i>Bacillus weihenstephanensis</i> populations in tropical, temperate and alpine soil. <i>Environmental Microbiology</i> , 1999, 1, 503.	1.8	69
53	Identification and differentiation of food-related bacteria: A comparison of FTIR spectroscopy and MALDI-TOF mass spectrometry. <i>Journal of Microbiological Methods</i> , 2014, 103, 44-52.	0.7	68
54	Optimized Illumina PCR-free library preparation for bacterial whole genome sequencing and analysis of factors influencing de novo assembly. <i>BMC Research Notes</i> , 2016, 9, 269.	0.6	68

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55	Quantification of the proteolytic and lipolytic activity of microorganisms isolated from raw milk. <i>International Dairy Journal</i> , 2015, 49, 23-29.	1.5	67
56	The UV-B stimulon of the terrestrial cyanobacterium <i>Nostoc commune</i> comprises early shock proteins and late acclimation proteins. <i>Molecular Microbiology</i> , 2002, 46, 827-843.	1.2	66
57	Evidence for a Holin-Like Protein Gene Fully Embedded Out of Frame in the Endolysin Gene of <i>Staphylococcus aureus</i> Bacteriophage 187. <i>Journal of Bacteriology</i> , 1999, 181, 4452-4460.	1.0	66
58	Inhibition of <i>Listeria monocytogenes</i> by Food-Borne Yeasts. <i>Applied and Environmental Microbiology</i> , 2006, 72, 313-318.	1.4	65
59	Correlation of 16S Ribosomal DNA Signature Sequences with Temperature-Dependent Growth Rates of Mesophilic and Psychrotolerant Strains of the <i>Bacillus cereus</i> Group. <i>Journal of Bacteriology</i> , 1999, 181, 2624-2630.	1.0	64
60	Respiration of blue-green algae in the light. <i>Archives of Microbiology</i> , 1982, 132, 329-332.	1.0	61
61	Long-Chain Polyphosphate Causes Cell Lysis and Inhibits <i>Bacillus cereus</i> Septum Formation, Which Is Dependent on Divalent Cations. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3942-3949.	1.4	61
62	Low temperature-induced insecticidal activity of <i>Yersinia enterocolitica</i> . <i>Molecular Microbiology</i> , 2006, 59, 503-512.	1.2	59
63	Transcriptional Analysis of Long-Term Adaptation of <i>Yersinia enterocolitica</i> to Low-Temperature Growth. <i>Journal of Bacteriology</i> , 2006, 188, 2945-2958.	1.0	59
64	Insecticidal genes of <i>Yersinia</i> spp.: taxonomical distribution, contribution to toxicity towards <i>Manduca sexta</i> and <i>Galleria mellonella</i> , and evolution. <i>BMC Microbiology</i> , 2008, 8, 214.	1.3	58
65	Rapid discrimination of psychrotolerant and mesophilic strains of the <i>Bacillus cereus</i> group by PCR targeting of 16S rDNA. <i>Journal of Microbiological Methods</i> , 1998, 34, 99-106.	0.7	56
66	<i>Sphingobacterium lactis</i> sp. nov. and <i>Sphingobacterium alimentarium</i> sp. nov., isolated from raw milk and a dairy environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1506-1511.	0.8	56
67	Comparison of strand-specific transcriptomes of enterohemorrhagic <i>Escherichia coli</i> O157:H7 EDL933 (EHEC) under eleven different environmental conditions including radish sprouts and cattle feces. <i>BMC Genomics</i> , 2014, 15, 353.	1.2	56
68	Both Thiamine Uptake and Biosynthesis of Thiamine Precursors Are Required for Intracellular Replication of <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2009, 191, 2218-2227.	1.0	55
69	Identification of the Main Promoter Directing Cereulide Biosynthesis in Emetic <i>Bacillus cereus</i> and Its Application for Real-Time Monitoring of <i>ces</i> Gene Expression in Foods. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1232-1240.	1.4	55
70	Analysis of the bacterial surface ripening flora of German and French smeared cheeses with respect to their anti-listerial potential. <i>International Journal of Food Microbiology</i> , 1999, 47, 89-97.	2.1	53
71	Chemodiversity of cereulide, the emetic toxin of <i>Bacillus cereus</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2439-2453.	1.9	53
72	Restart of Exponential Growth of Cold-Shocked <i>Yersinia enterocolitica</i> Occurs after Down-Regulation of <i>cspA1/A2</i> mRNA. <i>Journal of Bacteriology</i> , 2000, 182, 3285-3288.	1.0	51

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73	Desiccation independence of terrestrial <i>Nostoc commune</i> ecotypes (cyanobacteria). <i>Microbial Ecology</i> , 1991, 22, 271-283.	1.4	48
74	Organization and transcriptional analysis of the <i>Listeria</i> phage A511 late gene region comprising the major capsid and tail sheath protein genes <i>cps</i> and <i>tsh</i> . <i>Journal of Bacteriology</i> , 1995, 177, 6601-6609.	1.0	48
75	Gene Expression Analysis of <i>Corynebacterium glutamicum</i> Subjected to Long-Term Lactic Acid Adaptation. <i>Journal of Bacteriology</i> , 2007, 189, 5582-5590.	1.0	48
76	<i>Pseudomonas lactis</i> sp. nov. and <i>Pseudomonas paralactis</i> sp. nov., isolated from bovine raw milk. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1656-1664.	0.8	47
77	Mass spectrometric profiling of <i>Bacillus cereus</i> strains and quantitation of the emetic toxin cereulide by means of stable isotope dilution analysis and HEp-2 bioassay. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 191-201.	1.9	46
78	Spoilage of Microfiltered and Pasteurized Extended Shelf Life Milk Is Mainly Induced by Psychrotolerant Spore-Forming Bacteria that often Originate from Recontamination. <i>Frontiers in Microbiology</i> , 2017, 8, 135.	1.5	46
79	Biodiversity of the Surface Microbial Consortia from Limburger, Reblochon, Livarot, Tilsit, and Gubbeen Cheeses. <i>Microbiology Spectrum</i> , 2014, 2, CM-0010-2012.	1.2	45
80	Intraspecific diversity of <i>Brevibacterium linens</i> , <i>Corynebacterium glutamicum</i> and <i>Rhodococcus erythropolis</i> based on partial 16S rDNA sequence analysis and Fourier-transform infrared (FT-IR) spectroscopy The GenBank accession numbers for the 16S rDNA gene sequences reported in this paper are AY017065 to AY017067, AY017069 to AY017087, and AF426135 to AF426143 for <i>Brevibacterium linens</i> ; AY017088 to AY017091, AY017093 to AY017104, AY017107 to AY017111, and AF426144 to AF426149 for <i>Corynebacterium glutamicum</i> ; an. <i>Microbiology (United Kingdom)</i> , 2002, 148, 1523-1532.	0.7	45
81	Transcriptional kinetic analyses of cereulide synthetase genes with respect to growth, sporulation and emetic toxin production in <i>Bacillus cereus</i> . <i>Food Microbiology</i> , 2011, 28, 284-290.	2.1	44
82	Phenotype of <i>htgA</i> ( <i>mbiA</i> ), a recently evolved orphan gene of <i>Escherichia coli</i> and <i>Shigella</i> , completely overlapping in antisense to <i>yaaW</i> . <i>FEMS Microbiology Letters</i> , 2014, 350, 57-64.	0.7	44
83	Rapid analysis of two food-borne microbial communities at the species level by Fourier-transform infrared microspectroscopy. <i>Environmental Microbiology</i> , 2006, 8, 848-857.	1.8	43
84	Identification of genes essential for anaerobic growth of <i>Listeria monocytogenes</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 752-765.	0.7	43
85	Evidence for the recent origin of a bacterial protein-coding, overlapping orphan gene by evolutionary overprinting. <i>BMC Evolutionary Biology</i> , 2015, 15, 283.	3.2	43
86	Differentiation of ncRNAs from small mRNAs in <i>Escherichia coli</i> O157:H7 EDL933 (EHEC) by combined RNAseq and RIBOseq <i>ryhB</i> encodes the regulatory RNA <i>RyhB</i> and a peptide, <i>RyhP</i> . <i>BMC Genomics</i> , 2017, 18, 216.	1.2	43
87	Interaction of respiratory and photosynthetic electron transport in <i>Anabaena variabilis</i> K <sub>12</sub> /tz.. <i>Archives of Microbiology</i> , 1982, 132, 333-337.	1.0	42
88	Long-Chain Polyphosphates Inhibit Growth of <i>Clostridium tyrobutyricum</i> in Processed Cheese Spreads. <i>Journal of Food Protection</i> , 1997, 60, 493-498.	0.8	42
89	Translatomics combined with transcriptomics and proteomics reveals novel functional, recently evolved orphan genes in <i>Escherichia coli</i> O157:H7 (EHEC). <i>BMC Genomics</i> , 2016, 17, 133.	1.2	42
90	Nature of the Light-Induced H <sup>+</sup> Efflux and Na <sup>+</sup> Uptake in Cyanobacteria. <i>Plant Physiology</i> , 1989, 89, 1220-1225.	2.3	41

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91	Ferredoxin-NADP+ oxidoreductase is the respiratory NADPH dehydrogenase of the cyanobacterium <i>Anabaena variabilis</i> . <i>Archives of Biochemistry and Biophysics</i> , 1988, 267, 228-235.	1.4	39
92	Identification of Yoghurt-spoiling Yeasts with 18S rRNA-targeted Oligonucleotide Probes. <i>Systematic and Applied Microbiology</i> , 1997, 20, 468-480.	1.2	38
93	Species and strain identification of lactic acid bacteria using FTIR spectroscopy and artificial neural networks. <i>Journal of Biophotonics</i> , 2010, 3, 493-505.	1.1	38
94	Discovery of numerous novel small genes in the intergenic regions of the <i>Escherichia coli</i> O157:H7 Sakai genome. <i>PLoS ONE</i> , 2017, 12, e0184119.	1.1	38
95	Recovery of adenine-nucleotide pools in terrestrial blue-green algae after prolonged drought periods. <i>Oecologia</i> , 1986, 68, 585-588.	0.9	37
96	Ces locus embedded proteins control the non-ribosomal synthesis of the cereulide toxin in emetic <i>Bacillus cereus</i> on multiple levels. <i>Frontiers in Microbiology</i> , 2015, 6, 1101.	1.5	37
97	Isolation and characterisation of a heat-resistant peptidase from <i>Pseudomonas panacis</i> withstanding general UHT processes. <i>International Dairy Journal</i> , 2015, 49, 46-55.	1.5	37
98	Cytochrome aa3 from heterocysts of the cyanobacterium <i>Anabaena variabilis</i> : Isolation and spectral characterization. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1988, 934, 186-190.	0.5	36
99	Predicting Statistical Properties of Open Reading Frames in Bacterial Genomes. <i>PLoS ONE</i> , 2012, 7, e45103.	1.1	36
100	<i>Domibacillus robiginosus</i> gen. nov., sp. nov., isolated from a pharmaceutical clean room. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2054-2061.	0.8	36
101	Thermostability of peptidases secreted by microorganisms associated with raw milk. <i>International Dairy Journal</i> , 2016, 56, 186-197.	1.5	36
102	Pyridinyl polythiazole class peptide antibiotic micrococcin P1, secreted by foodborne <i>Staphylococcus equorum</i> WS2733, is biosynthesized nonribosomally. <i>FEBS Journal</i> , 2001, 268, 6390-6401.	0.2	33
103	<i>Yersinia enterocolitica</i> Infection and tcaA-Dependent Killing of <i>Caenorhabditis elegans</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 6277-6285.	1.4	33
104	Hybridisierung und Verwandtschaftsgrade innerhalb der Anatidae – eine systematische und evolutionstheoretische Betrachtung. <i>Journal Fur Ornithologie</i> , 1982, 123, 357-380.	1.2	32
105	A novel short L-arginine responsive protein-coding gene (laoB) antiparallel overlapping to a CadC-like transcriptional regulator in <i>Escherichia coli</i> O157:H7 Sakai originated by overprinting. <i>BMC Evolutionary Biology</i> , 2018, 18, 21.	3.2	32
106	Simulating Intestinal Growth Conditions Enhances Toxin Production of Enteropathogenic <i>Bacillus cereus</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 627.	1.5	31
107	The novel EHEC gene asa overlaps the TEGT transporter gene in antisense and is regulated by NaCl and growth phase. <i>Scientific Reports</i> , 2018, 8, 17875.	1.6	31
108	Degradation of scrapie associated prion protein (PrPSc) by the gastrointestinal microbiota of cattle. <i>Veterinary Research</i> , 2006, 37, 695-703.	1.1	31

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109	The respiratory NADH dehydrogenase of the cyanobacterium <i>Anabaena variabilis</i> : purification and characterization. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1989, 973, 41-46.	0.5	30
110	Depsipeptide Intermediates Interrogate Proposed Biosynthesis of Cereulide, the Emetic Toxin of <i>Bacillus cereus</i> . <i>Scientific Reports</i> , 2015, 5, 10637.	1.6	30
111	<i>Vibrio casei</i> sp. nov., isolated from the surfaces of two French red smear soft cheeses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1745-1749.	0.8	29
112	Acid shock of <i>Listeria monocytogenes</i> at low environmental temperatures induces <i>prfA</i> , epithelial cell invasion, and lethality towards <i>Caenorhabditis elegans</i> . <i>BMC Genomics</i> , 2013, 14, 285.	1.2	29
113	Pathogenic <i>Yersinia</i> Species Carry a Novel, Cold-Inducible Major Cold Shock Protein Tandem Gene Duplication Producing both Bicistronic and Monocistronic mRNA. <i>Journal of Bacteriology</i> , 1999, 181, 6449-6455.	1.0	29
114	Evidence for multiple xenogenous origins of plastids: comparison of <i>psbA</i> -genes with a xanthophyte sequence. <i>Current Genetics</i> , 1991, 19, 503-507.	0.8	28
115	<i>Bacillus kochii</i> sp. nov., isolated from foods and a pharmaceuticals manufacturing site. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1092-1097.	0.8	28
116	Multiparametric Quantitation of the <i>Bacillus cereus</i> Toxins Cereulide and Isocereulides in Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8307-8313.	2.4	28
117	Increase of Nitrogenase Activity in the Blue-Green Alga <i>Nostoc muscorum</i> (Cyanobacterium). <i>Journal of Bacteriology</i> , 1980, 144, 1017-1023.	1.0	28
118	Arrhenius Plots Indicate Localization of Photosynthetic and Respiratory Electron Transport in Different Membrane Regions of <i>Anabaena</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1981, 36, 1036-1040.	0.6	27
119	Reconstitution of electron transport by cytochrome <i>c-553</i> in a cell-free system of <i>Nostoc muscorum</i> . <i>Photosynthesis Research</i> , 1982, 3, 191-201.	1.6	27
120	<i>Bavariicoccus seileri</i> gen. nov., sp. nov., isolated from the surface and smear water of German red smear soft cheese. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2437-2443.	0.8	27
121	The Novel Anaerobiosis-Responsive Overlapping Gene <i>ano</i> Is Overlapping Antisense to the Annotated Gene ECs2385 of <i>Escherichia coli</i> O157:H7 Sakai. <i>Frontiers in Microbiology</i> , 2018, 9, 931.	1.5	27
122	Sensitive In Situ Monitoring of a Recombinant Bioluminescent <i>Yersinia enterocolitica</i> Reporter Mutant in Real Time on Camembert Cheese. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5737-5740.	1.4	26
123	Stress Response of <i>Salmonella enterica</i> Serovar Typhimurium to Acidified Nitrite. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6373-6382.	1.4	26
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