

Oscar P Kuipers

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

496
papers

30,576
citations

86
h-index

157
g-index

524
ext. papers

35,513
ext. citations

6.1
avg, IF

7.14
L-index

#	Paper	IF	Citations
496	Diversity of bet-hedging strategies in microbial communities-Recent cases and insights.. <i>WIREs Mechanisms of Disease</i> , 2022 , 14, e1544	0.3	2
495	Biocontrol properties from phyllospheric bacteria isolated from <i>Solanum lycopersicum</i> and <i>Lactuca sativa</i> and genome mining of antimicrobial gene clusters.. <i>BMC Genomics</i> , 2022 , 23, 152	4.5	0
494	High-Resolution Chrono-Transcriptome of <i>Lactococcus lactis</i> Reveals That It Expresses Proteins with Adapted Size and pI upon Acidification and Nutrient Starvation.. <i>Applied and Environmental Microbiology</i> , 2022 , e0247621	4.8	
493	Mutational Studies of the Mersacidin Leader Reveal the Function of Its Unique Two-Step Leader Processing Mechanism.. <i>ACS Synthetic Biology</i> , 2022 , 11, 1949-1957	5.7	2
492	Analysis of cross-functionality within LanBTC synthetase complexes from different bacterial sources with respect to production of fully modified lanthipeptides. <i>Applied and Environmental Microbiology</i> , 2021 , AEM0161821	4.8	
491	BrevicidineB, a New Member of the Brevicidine Family, Displays an Extended Target Specificity. <i>Frontiers in Microbiology</i> , 2021 , 12, 693117	5.7	5
490	Isolation and Analysis of the Nisin Biosynthesis Complex NisBTC: further Insights into Their Cooperative Action. <i>MBio</i> , 2021 , 12, e0258521	7.8	1
489	Characterization of Leader Processing Shows That Partially Processed Mersacidin Is Activated by AprE After Export. <i>Frontiers in Microbiology</i> , 2021 , 12, 765659	5.7	2
488	Heterologous Expression of Mersacidin in Elucidates the Mode of Leader Processing. <i>ACS Synthetic Biology</i> , 2021 , 10, 600-608	5.7	6
487	Mechanism of Resistance Development in against TCAT, a Trimethoprim-Based Photoswitchable Antibiotic. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
486	Brevibacillin 2V, a Novel Antimicrobial Lipopeptide With an Exceptionally Low Hemolytic Activity. <i>Frontiers in Microbiology</i> , 2021 , 12, 693725	5.7	1
485	Nisin- and Ripcin-Derived Hybrid Lanthipeptides Display Selective Antimicrobial Activity against. <i>ACS Synthetic Biology</i> , 2021 , 10, 1703-1714	5.7	6
484	Microbial competition reduces metabolic interaction distances to the low μm -range. <i>ISME Journal</i> , 2021 , 15, 688-701	11.9	16
483	Rapid and Selective Chemical Editing of Ribosomally Synthesized and Post-Translationally Modified Peptides (RiPPs) via Cull-Catalyzed β -Orylation of Dehydroamino Acids. <i>Angewandte Chemie</i> , 2021 , 133, 3992-3996	3.6	0
482	Rapid and Selective Chemical Editing of Ribosomally Synthesized and Post-Translationally Modified Peptides (RiPPs) via Cu -Catalyzed β -Orylation of Dehydroamino Acids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3946-3950	16.4	8
481	New developments in RiPP discovery, enzymology and engineering. <i>Natural Product Reports</i> , 2021 , 38, 130-239	15.1	146
480	Draft Genome Sequences of a <i>Bacillus subtilis</i> Strain, a <i>Bacillus velezensis</i> Strain, a Strain, and an <i>Acinetobacter baumannii</i> Strain, All Isolated from the Phyllosphere of <i>Lactuca sativa</i> or <i>Solanum lycopersicum</i> . <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	1

479	Outer-membrane-acting peptides and lipid II-targeting antibiotics cooperatively kill Gram-negative pathogens. <i>Communications Biology</i> , 2021 , 4, 31	6.7	15
478	Antiviral activities and applications of ribosomally synthesized and post-translationally modified peptides (RiPPs). <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 3921-3940	10.3	6
477	Role of microbiota and related metabolites in gastrointestinal tract barrier function in NAFLD. <i>Tissue Barriers</i> , 2021 , 9, 1879719	4.3	0
476	Brevibacillin 2V Exerts Its Bactericidal Activity Binding to Lipid II and Permeabilizing Cellular Membranes. <i>Frontiers in Microbiology</i> , 2021 , 12, 694847	5.7	
475	BH5 Protects Tomato Plants Against by Production of Specific Antifungal Compounds. <i>Frontiers in Microbiology</i> , 2021 , 12, 707609	5.7	0
474	Semisynthetic Macrocyclic Lipo-lanthipeptides Display Antimicrobial Activity Against Bacterial Pathogens. <i>ACS Synthetic Biology</i> , 2021 , 10, 1980-1991	5.7	5
473	Unchaining mini Strain PG10: Relief of FlgM-Mediated Repression of Autolysin Genes. <i>Applied and Environmental Microbiology</i> , 2021 , 87, e0112321	4.8	2
472	Visualization and Analysis of the Dynamic Assembly of a Heterologous Lantibiotic Biosynthesis Complex in <i>Bacillus subtilis</i> . <i>MBio</i> , 2021 , 12, e0121921	7.8	3
471	The Rgg1518 transcriptional regulator is a necessary facet of sugar metabolism and virulence in <i>Streptococcus pneumoniae</i> . <i>Molecular Microbiology</i> , 2021 , 116, 996-1008	4.1	0
470	Identification, Isolation, and Characterization of Medipeptins, Antimicrobial Peptides From EDOX. <i>Frontiers in Microbiology</i> , 2021 , 12, 732771	5.7	0
469	The cathelicidin-derived close-to-nature peptide D-11 sensitises <i>Klebsiella pneumoniae</i> to a range of antibiotics in vitro, ex vivo and in vivo. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106434	14.3	1
468	Functional Expression and Characterization of the Highly Promiscuous Lanthipeptide Synthetase SyncM, Enabling the Production of Lanthipeptides with a Broad Range of Ring Topologies. <i>ACS Synthetic Biology</i> , 2021 , 10, 2579-2591	5.7	2
467	Glutamate Dehydrogenase (GdhA) of <i>Streptococcus pneumoniae</i> Is Required for High Temperature Adaptation. <i>Infection and Immunity</i> , 2021 , 89, e0040021	3.7	1
466	Elucidating the mechanism by which synthetic helper peptides sensitize <i>Pseudomonas aeruginosa</i> to multiple antibiotics. <i>PLoS Pathogens</i> , 2021 , 17, e1009909	7.6	3
465	The Minimal Genome Compendium. <i>ACS Synthetic Biology</i> , 2021 , 10, 2767-2771	5.7	2
464	Synthesis of silver-nisin nanoparticles with low cytotoxicity as antimicrobials against biofilm-forming pathogens. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 206, 111965	6	3
463	Combinatorial biosynthesis for the generation of new-to-nature peptide antimicrobials. <i>Biochemical Society Transactions</i> , 2021 , 49, 203-215	5.1	5
462	Antimicrobial activity screening of rhizosphere soil bacteria from tomato and genome-based analysis of their antimicrobial biosynthetic potential. <i>BMC Genomics</i> , 2021 , 22, 29	4.5	9

461	Lysis of a <i>Lactococcus lactis</i> Dipeptidase Mutant and Rescue by Mutation in the Pleiotropic Regulator CodY. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	4
460	High-Throughput Screening for Substrate Specificity-Adapted Mutants of the Nisin Dehydratase NisB. <i>ACS Synthetic Biology</i> , 2020 , 9, 1468-1478	5.7	15
459	Mini PG10 as a Convenient and Effective Production Host for Lantibiotics. <i>ACS Synthetic Biology</i> , 2020 , 9, 1833-1842	5.7	15
458	Development of Biosensors for Detection of Diacetyl. <i>Frontiers in Microbiology</i> , 2020 , 11, 1032	5.7	2
457	Enhancement of amino acid production and secretion by using a droplet-based biosensing and selection system. <i>Metabolic Engineering Communications</i> , 2020 , 11, e00133	6.5	8
456	A riboswitch gives rise to multi-generational phenotypic heterogeneity in an auxotrophic bacterium. <i>Nature Communications</i> , 2020 , 11, 1203	17.4	8
455	Characterization of two relacidines belonging to a novel class of circular lipopeptides that act against Gram-negative bacterial pathogens. <i>Environmental Microbiology</i> , 2020 , 22, 5125-5136	5.2	7
454	Endoribonuclease YbeY Is Essential for RNA Processing and Virulence in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2020 , 11,	7.8	8
453	Characterization of plant growth-promoting rhizobacteria from perennial ryegrass and genome mining of novel antimicrobial gene clusters. <i>BMC Genomics</i> , 2020 , 21, 157	4.5	14
452	Biofilm formation displays intrinsic offensive and defensive features of. <i>Npj Biofilms and Microbiomes</i> , 2020 , 6, 3	8.2	14
451	Analyses of competent and non-competent subpopulations of <i>Bacillus subtilis</i> reveal yhfW, yhxC and ncRNAs as novel players in competence. <i>Environmental Microbiology</i> , 2020 , 22, 2312-2328	5.2	5
450	An Engineered Double Lipid II Binding Motifs-Containing Lantibiotic Displays Potent and Selective Antimicrobial Activity against <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	20
449	Draft Genome Sequences of Three Amino Acid-Secreting <i>Lactococcus lactis</i> Strains. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	1
448	Complete Genome Sequences of 28 Lactococcal Bacteriophages Isolated from Failed Dairy Fermentation Processes. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	1
447	Microdroplet screening and selection for improved microbial production of extracellular compounds. <i>Current Opinion in Biotechnology</i> , 2020 , 61, 72-81	11.4	16
446	Conjugation of Synthetic Polyproline Moieties to Lipid II Binding Fragments of Nisin Yields Active and Stable Antimicrobials. <i>Frontiers in Microbiology</i> , 2020 , 11, 575334	5.7	3
445	Subcellular Localization and Assembly Process of the Nisin Biosynthesis Machinery in <i>Lactococcus lactis</i> . <i>MBio</i> , 2020 , 11,	7.8	7
444	Synthesis and Characterization of Heterodimers and Fluorescent Nisin Species by Incorporation of Methionine Analogues and Subsequent Click Chemistry. <i>ACS Synthetic Biology</i> , 2020 , 9, 2525-2536	5.7	4

443	Impact of spatial proximity on territoriality among human skin bacteria. <i>Npj Biofilms and Microbiomes</i> , 2020 , 6, 30	8.2	6
442	Development of Biosensors for Detection of Sulfur-Containing Amino Acids. <i>Frontiers in Microbiology</i> , 2020 , 11, 1654	5.7	1
441	Mimicry of a Non-ribosomally Produced Antimicrobial, Brevicidine, by Ribosomal Synthesis and Post-translational Modification. <i>Cell Chemical Biology</i> , 2020 , 27, 1262-1271.e4	8.2	11
440	Novel Modifications of Nonribosomal Peptides from <i>Brevibacillus laterosporus</i> MG64 and Investigation of Their Mode of Action. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	3
439	Employing lytic phage-mediated horizontal gene transfer in <i>Lactococcus lactis</i> . <i>PLoS ONE</i> , 2020 , 15, e0238988	3.7	3
438	YbeY controls the type III and type VI secretion systems and biofilm formation through RetS in. <i>Applied and Environmental Microbiology</i> , 2020 ,	4.8	4
437	TprA/PhrA Quorum Sensing System Has a Major Effect on Pneumococcal Survival in Respiratory Tract and Blood, and Its Activity Is Controlled by CcpA and GlnR. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 326	5.9	8
436	Design and Expression of Specific Hybrid Lantibiotics Active Against Pathogenic spp. <i>Frontiers in Microbiology</i> , 2019 , 10, 2154	5.7	11
435	Draft Genome Sequences of 10 <i>Paenibacillus</i> and <i>Bacillus</i> sp. Strains Isolated from Healthy Tomato Plants and Rhizosphere Soil. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	3
434	Heterologous biosynthesis and characterization of a glycoцин from a thermophilic bacterium. <i>Nature Communications</i> , 2019 , 10, 1115	17.4	21
433	Draft Genome Sequences of Six Strains and One Strain Isolated from the Rhizosphere of Perennial Ryegrass (<i>Lolium perenne</i>). <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	1
432	Engineering <i>Lactococcus lactis</i> for the production of unusual anthocyanins using tea as substrate. <i>Metabolic Engineering</i> , 2019 , 54, 160-169	9.7	18
431	Analysis of modular bioengineered antimicrobial lanthipeptides at nanoliter scale. <i>Nature Chemical Biology</i> , 2019 , 15, 437-443	11.7	55
430	A Specific Sugar Moiety in the <i>Lactococcus lactis</i> Cell Wall Pellicle Is Required for Infection by CHPC971, a Member of the Rare 1706 Phage Species. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	6
429	Ampicillin-treated <i>Lactococcus lactis</i> MG1363 populations contain persisters as well as viable but non-culturable cells. <i>Scientific Reports</i> , 2019 , 9, 9867	4.9	7
428	Feasibility of Introducing a Thioether Ring in Vasopressin by Co-expression in. <i>Frontiers in Microbiology</i> , 2019 , 10, 1508	5.7	4
427	Selective Modification of Ribosomally Synthesized and Post-Translationally Modified Peptides (RiPPs) through Diels-Alder Cycloadditions on Dehydroalanine Residues. <i>Chemistry - A European Journal</i> , 2019 , 25, 12698-12702	4.8	17
426	Construction and characterization of a double mutant of <i>Enterococcus faecalis</i> that does not produce biogenic amines. <i>Scientific Reports</i> , 2019 , 9, 16881	4.9	1

425	Metabolic engineering and synthetic biology employing <i>Lactococcus lactis</i> and <i>Bacillus subtilis</i> cell factories. <i>Current Opinion in Biotechnology</i> , 2019 , 59, 1-7	11.4	24
424	Phosphosugar Stress in <i>Bacillus subtilis</i> : Intracellular Accumulation of Mannose 6-Phosphate Derepressed the Operon from Repression by GlcR. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	3
423	Adaption to glucose limitation is modulated by the pleotropic regulator CcpA, independent of selection pressure strength. <i>BMC Evolutionary Biology</i> , 2019 , 19, 15	3	10
422	Renaissance of traditional DNA transfer strategies for improvement of industrial lactic acid bacteria. <i>Current Opinion in Biotechnology</i> , 2019 , 56, 61-68	11.4	26
421	Heterologous signal peptides-directing secretion of <i>Streptomyces mobaraensis</i> transglutaminase by <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 5533-5543	5.7	14
420	Increasing the Antimicrobial Activity of Nisin-Based Lantibiotics against Gram-Negative Pathogens. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	67
419	BacHBerry: BACterial Hosts for production of Bioactive phenolics from bERRY fruits. <i>Phytochemistry Reviews</i> , 2018 , 17, 291-326	7.7	12
418	Exploring plant-microbe interactions of the rhizobacteria <i>Bacillus subtilis</i> and <i>Bacillus mycoides</i> by use of the CRISPR-Cas9 system. <i>Environmental Microbiology</i> , 2018 , 20, 4245-4260	5.2	24
417	Plant-Microbe Interaction: Transcriptional Response of <i>Bacillus Mycoides</i> to Potato Root Exudates. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	3
416	Specificity and Application of the Lantibiotic Protease NisP. <i>Frontiers in Microbiology</i> , 2018 , 9, 160	5.7	34
415	Interplay Between Capsule Expression and Uracil Metabolism in D39. <i>Frontiers in Microbiology</i> , 2018 , 9, 321	5.7	9
414	Co-expression of Nisin Z and Leucocin C as a Basis for Effective Protection Against in Pasteurized Milk. <i>Frontiers in Microbiology</i> , 2018 , 9, 547	5.7	15
413	Expanding the Genetic Code of and to Incorporate Non-canonical Amino Acids for Production of Modified Lantibiotics. <i>Frontiers in Microbiology</i> , 2018 , 9, 657	5.7	12
412	NADH-Mediated Gene Expression in and Role of Rex as a Transcriptional Repressor of the Rex-Regulon. <i>Frontiers in Microbiology</i> , 2018 , 9, 1300	5.7	2
411	In vivo selection of sfGFP variants with improved and reliable functionality in industrially important thermophilic bacteria. <i>Biotechnology for Biofuels</i> , 2018 , 11, 8	7.8	18
410	Rgg-Shp regulators are important for pneumococcal colonization and invasion through their effect on mannose utilization and capsule synthesis. <i>Scientific Reports</i> , 2018 , 8, 6369	4.9	16
409	Further Elucidation of Galactose Utilization in MG1363. <i>Frontiers in Microbiology</i> , 2018 , 9, 1803	5.7	3
408	Boosting heterologous protein production yield by adjusting global nitrogen and carbon metabolic regulatory networks in <i>Bacillus subtilis</i> . <i>Metabolic Engineering</i> , 2018 , 49, 143-152	9.7	19

407	Induction of Natural Competence in Genetically-modified. <i>Bio-protocol</i> , 2018 , 8, e2922	0.9	1
406	Dynamic sporulation gene co-expression networks for <i>Bacillus subtilis</i> 168 and the food-borne isolate <i>Bacillus amyloliquefaciens</i> : a transcriptomic model. <i>Microbial Genomics</i> , 2018 , 4,	4.4	3
405	Optimized fluorescent proteins for the rhizosphere-associated bacterium <i>Bacillus mycoides</i> with endophytic and biocontrol agent potential. <i>Environmental Microbiology Reports</i> , 2018 , 10, 57-74	3.7	5
404	Fluorescently Labeled DNA Interacts with Competence and Recombination Proteins and Is Integrated and Expressed Following Natural Transformation of <i>Bacillus subtilis</i> . <i>MBio</i> , 2018 , 9,	7.8	10
403	Influence of global gene regulatory networks on single cell heterogeneity of green fluorescent protein production in <i>Bacillus subtilis</i> . <i>Microbial Cell Factories</i> , 2018 , 17, 134	6.4	9
402	Antimicrobial Peptides Produced by Selective Pressure Incorporation of Non-canonical Amino Acids. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	3
401	BAGEL4: a user-friendly web server to thoroughly mine RIPPs and bacteriocins. <i>Nucleic Acids Research</i> , 2018 , 46, W278-W281	20.1	250
400	Spore Heat Activation Requirements and Germination Responses Correlate with Sequences of Germinant Receptors and with the Presence of a Specific Operon in Foodborne Strains of <i>Bacillus subtilis</i> . <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	19
399	Pneumococcal galactose catabolism is controlled by multiple regulators acting on pyruvate formate lyase. <i>Scientific Reports</i> , 2017 , 7, 43587	4.9	17
398	Mining prokaryotes for antimicrobial compounds: from diversity to function. <i>FEMS Microbiology Reviews</i> , 2017 , 41, 417-429	15.1	60
397	Cell surface engineering of <i>Bacillus subtilis</i> improves production yields of heterologously expressed α -amylases. <i>Microbial Cell Factories</i> , 2017 , 16, 56	6.4	14
396	Transcriptome analysis shows activation of the arginine deiminase pathway in <i>Lactococcus lactis</i> as a response to ethanol stress. <i>International Journal of Food Microbiology</i> , 2017 , 257, 41-48	5.8	17
395	Development of an efficient electroporation method for rhizobacterial <i>Bacillus mycoides</i> strains. <i>Journal of Microbiological Methods</i> , 2017 , 133, 82-86	2.8	16
394	Disruption of a Transcriptional Repressor by an Insertion Sequence Element Integration Leads to Activation of a Novel Silent Cellobiose Transporter in <i>Lactococcus lactis</i> MG1363. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	5
393	The Evolution of gene regulation research in <i>Lactococcus lactis</i> . <i>FEMS Microbiology Reviews</i> , 2017 , 41, S220-S243	15.1	29
392	Major gene-regulatory mechanisms operating in ribosomally synthesized and post-translationally modified peptide (RIPP) biosynthesis. <i>Molecular Microbiology</i> , 2017 , 106, 186-206	4.1	18
391	Unleashing Natural Competence in <i>Lactococcus lactis</i> by Induction of the Competence Regulator ComX. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	19
390	Modulation of Quorum Sensing in a Gram-Positive Pathogen by Linear Molecularly Imprinted Polymers with Anti-infective Properties. <i>Angewandte Chemie</i> , 2017 , 129, 16782-16785	3.6	7

389	Modulation of Quorum Sensing in a Gram-Positive Pathogen by Linear Molecularly Imprinted Polymers with Anti-infective Properties. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16555-16558	16.4	21
388	Employing the promiscuity of lantibiotic biosynthetic machineries to produce novel antimicrobials. <i>FEMS Microbiology Reviews</i> , 2017 , 41, 5-18	15.1	37
387	Expression of prophage-encoded endolysins contributes to autolysis of <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 1099-1110	5.7	14
386	YsbA and LytST are essential for pyruvate utilization in <i>Bacillus subtilis</i> . <i>Environmental Microbiology</i> , 2017 , 19, 83-94	5.2	21
385	From Cell Death to Metabolism: Holin-Antiholin Homologues with New Functions. <i>MBio</i> , 2017 , 8,	7.8	11
384	Niacin-mediated Gene Expression and Role of NiaR as a Transcriptional Repressor of , and in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 70	5.9	9
383	CodY Regulates Thiol Peroxidase Expression as Part of the Pneumococcal Defense Mechanism against HO Stress. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 210	5.9	11
382	Prospects of Incorporation of Non-canonical Amino Acids for the Chemical Diversification of Antimicrobial Peptides. <i>Frontiers in Microbiology</i> , 2017 , 8, 124	5.7	34
381	The α -Acetolactate Synthase ALS Confers Resistance to Nitrosative Stress. <i>Frontiers in Microbiology</i> , 2017 , 8, 1273	5.7	15
380	Comparative Transcriptomics of Strains in Response to Potato-Root Exudates Reveals Different Genetic Adaptation of Endophytic and Soil Isolates. <i>Frontiers in Microbiology</i> , 2017 , 8, 1487	5.7	33
379	The Relationship among Tyrosine Decarboxylase and Agmatine Deiminase Pathways in. <i>Frontiers in Microbiology</i> , 2017 , 8, 2107	5.7	5
378	Genome-guided identification of novel head-to-tail cyclized antimicrobial peptides, exemplified by the discovery of pumilarin. <i>Microbial Genomics</i> , 2017 , 3, e000134	4.4	19
377	Identification and classification of known and putative antimicrobial compounds produced by a wide variety of Bacillales species. <i>BMC Genomics</i> , 2016 , 17, 882	4.5	90
376	Draft Whole-Genome Sequences of 11 <i>Bacillus cereus</i> Food Isolates. <i>Genome Announcements</i> , 2016 , 4,		7
375	Regulation of Cell Wall Plasticity by Nucleotide Metabolism in <i>Lactococcus lactis</i> . <i>Journal of Biological Chemistry</i> , 2016 , 291, 11323-36	5.4	11
374	Discovery, Production and Modification of Five Novel Lantibiotics Using the Promiscuous Nisin Modification Machinery. <i>ACS Synthetic Biology</i> , 2016 , 5, 1146-1154	5.7	55
373	Recombinant pediocin in <i>Lactococcus lactis</i> : increased production by propeptide fusion and improved potency by co-production with PedC. <i>Microbial Biotechnology</i> , 2016 , 9, 466-77	6.3	8
372	Bacteriocins of lactic acid bacteria: extending the family. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2939-51	5.7	320

371	Transcriptome profiling of <i>Lactococcus lactis</i> subsp. <i>cremoris</i> CECT 8666 in response to agmatine. <i>Genomics Data</i> , 2016 , 7, 112-4		3
370	Bacterial Spores in Food: Survival, Emergence, and Outgrowth. <i>Annual Review of Food Science and Technology</i> , 2016 , 7, 457-82	14.7	87
369	Methionine-mediated gene expression and characterization of the CmhR regulon in. <i>Microbial Genomics</i> , 2016 , 2, e000091	4.4	5
368	The impact of manganese on biofilm development of <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1468-1478	2.9	26
367	Potentiating the Activity of Nisin against <i>Escherichia coli</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2016 , 4, 7	5.7	43
366	N-acetylgalactosamine-Mediated Regulation of the Operon by AgaR in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 101	5.9	4
365	N-acetylglucosamine-Mediated Expression of and in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 158	5.9	5
364	Identification of Differentially Expressed Genes during Spore Outgrowth in High-Salinity Environments Using RNA Sequencing. <i>Frontiers in Microbiology</i> , 2016 , 7, 1564	5.7	20
363	SpoVT: From Fine-Tuning Regulator in to Essential Sporulation Protein in. <i>Frontiers in Microbiology</i> , 2016 , 7, 1607	5.7	5
362	High-Level Heat Resistance of Spores of and Results from the Presence of a Operon in a Tn Transposon. <i>Frontiers in Microbiology</i> , 2016 , 7, 1912	5.7	20
361	Cysteine-Mediated Gene Expression and Characterization of the CmbR Regulon in. <i>Frontiers in Microbiology</i> , 2016 , 7, 1929	5.7	4
360	Linking <i>Bacillus cereus</i> Genotypes and Carbohydrate Utilization Capacity. <i>PLoS ONE</i> , 2016 , 11, e0156796	3.7	23
359	A transposon present in specific strains of <i>Bacillus subtilis</i> negatively affects nutrient- and dodecylamine-induced spore germination. <i>Environmental Microbiology</i> , 2016 , 18, 4830-4846	5.2	14
358	Draft Genome Sequences of Seven Thermophilic Spore-Forming Bacteria Isolated from Foods That Produce Highly Heat-Resistant Spores, Comprising <i>Geobacillus</i> spp., <i>Caldibacillus debilis</i> , and <i>Anoxybacillus flavithermus</i> . <i>Genome Announcements</i> , 2016 , 4,		6
357	Draft Genome Sequence of <i>Bacillus mycoides</i> M2E15, a Strain Isolated from the Endosphere of Potato. <i>Genome Announcements</i> , 2016 , 4,		4
356	Genome Sequences of 12 Spore-Forming <i>Bacillus</i> Species, Comprising <i>Bacillus coagulans</i> , <i>Bacillus licheniformis</i> , <i>Bacillus amyloliquefaciens</i> , <i>Bacillus sporothermodurans</i> , and <i>Bacillus vallismortis</i> , Isolated from Foods. <i>Genome Announcements</i> , 2016 , 4,		8
355	Draft Genome Sequences of 10 <i>Bacillus subtilis</i> Strains That Form Spores with High or Low Heat Resistance. <i>Genome Announcements</i> , 2016 , 4,		8
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1	Brevibacillin 2V, a novel antimicrobial lipopeptide with an exceptional low hemolytic activity		1