

Sren J Srensen

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.

350
papers

18,550
citations

66
h-index

123
g-index

386
ext. papers

23,348
ext. citations

6.7
avg, IF

6.83
L-index

#	Paper	IF	Citations
350	InchI1A plasmids potentially facilitate a horizontal flow of antibiotic resistance genes to pathogens in microbial communities of urban residential sewage.. <i>Molecular Ecology</i> , 2022 ,	5.7	2
349	Artificial selection of stable rhizosphere microbiota leads to heritable plant phenotype changes. <i>Ecology Letters</i> , 2022 , 25, 189-201	10	0
348	Deciphering bacteria associated with a pre-parasitic stage of the root-knot nematode <i>Meloidogyne hapla</i> in nemato-suppressive and nemato-conducive soils. <i>Applied Soil Ecology</i> , 2022 , 172, 104344	5	1
347	Genome binning of viral entities from bulk metagenomics data.. <i>Nature Communications</i> , 2022 , 13, 965	17.4	3
346	Metabolic Profiling of Interspecies Interactions During Sessile Bacterial Cultivation Reveals Growth and Sporulation Induction in in Response to .. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 805473	5.9	
345	Importance of substrate quality and clay content on microbial extracellular polymeric substances production and aggregate stability in soils. <i>Biology and Fertility of Soils</i> , 2022 , 58, 435-457	6.1	0
344	Critical Assessment of Metagenome Interpretation: the second round of challenges.. <i>Nature Methods</i> , 2022 ,	21.6	14
343	Impact of intensive lifestyle intervention on gut microbiota composition in type 2 diabetes: a analysis of a randomized clinical trial.. <i>Gut Microbes</i> , 2022 , 14, 2005407	8.8	0
342	A novel and affordable bioaugmentation strategy with microbial extracts to accelerate the biodegradation of emerging contaminants in different media.. <i>Science of the Total Environment</i> , 2022 , 155234	10.2	1
341	Long range PCR reveals the genetic cargo of IncP-1 plasmids in the complex microbial community of an on-farm biopurification system treating pesticide contaminated wastewater. <i>Applied and Environmental Microbiology</i> , 2021 , AEM0164821	4.8	
340	Neonatal metabolome of cesarean section and risk of childhood asthma. <i>European Respiratory Journal</i> , 2021 ,	13.6	4
339	Emergent bacterial community properties induce enhanced drought tolerance in <i>Arabidopsis</i> . <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 82	8.2	4
338	Broad Dissemination of Plasmids across Groundwater-Fed Rapid Sand Filter Microbiomes. <i>MBio</i> , 2021 , e0306821	7.8	1
337	Unexpected diversity among small-scale sample replicates of defined plant root compartments. <i>ISME Journal</i> , 2021 ,	11.9	1
336	CRISPR-Cas systems are widespread accessory elements across bacterial and archaeal plasmids. <i>Nucleic Acids Research</i> , 2021 ,	20.1	6
335	EMBRACE-WATERS statement: Recommendations for reporting of studies on antimicrobial resistance in wastewater and related aquatic environments. <i>One Health</i> , 2021 , 13, 100339	7.6	2
334	The treasure inside barley seeds: microbial diversity and plant beneficial bacteria. <i>Environmental Microbiomes</i> , 2021 , 16, 20	5.6	6

333	Urbanized microbiota in infants, immune constitution, and later risk of atopic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 234-243	11.5	11
332	Temporal oral microbiome changes with brushing in children with cleft lip and palate. <i>Heliyon</i> , 2021 , 7, e06513	3.6	0
331	The Airway Microbiota Modulates Effect of Azithromycin Treatment for Episodes of Recurrent Asthma-like Symptoms in Preschool Children: A Randomized Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 149-158	10.2	9
330	Extended-Spectrum β -Lactamase and Carbapenemase Genes are Substantially and Sequentially Reduced during Conveyance and Treatment of Urban Sewage. <i>Environmental Science & Technology</i> , 2021 , 55, 5939-5949	10.3	3
329	Lead Drives Complex Dynamics of a Conjugative Plasmid in a Bacterial Community. <i>Frontiers in Microbiology</i> , 2021 , 12, 655903	5.7	0
328	The infant gut resistome associates with <i>E. coli</i> , environmental exposures, gut microbiome maturity, and asthma-associated bacterial composition. <i>Cell Host and Microbe</i> , 2021 , 29, 975-987.e4	23.4	14
327	Kin discrimination promotes horizontal gene transfer between unrelated strains in <i>Bacillus subtilis</i> . <i>Nature Communications</i> , 2021 , 12, 3457	17.4	7
326	Metagenomic analysis of a keratin-degrading bacterial consortium provides insight into the keratinolytic mechanisms. <i>Science of the Total Environment</i> , 2021 , 761, 143281	10.2	9
325	The initial inoculation ratio regulates bacterial coculture interactions and metabolic capacity. <i>ISME Journal</i> , 2021 , 15, 29-40	11.9	12
324	Modeling transfer of vaginal microbiota from mother to infant in early life. <i>ELife</i> , 2021 , 10,	8.9	10
323	The effect of early probiotic exposure on the preterm infant gut microbiome development. <i>Gut Microbes</i> , 2021 , 13, 1951113	8.8	3
322	Microbial community analysis of soils under different soybean cropping regimes in the Argentinean south-eastern Humid Pampas. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	2
321	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021 , 53, 156-165	36.3	80
320	Reduced tillage, cover crops and organic amendments affect soil microbiota and improve soil health in Uruguayan vegetable farming systems. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	3
319	Tillage shapes the soil and rhizosphere microbiome of barley-but not its susceptibility towards <i>Blumeria graminis</i> f. sp. <i>hordei</i> . <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	5
318	Identification of Beneficial Microbial Consortia and Bioactive Compounds with Potential as Plant Biostimulants for a Sustainable Agriculture. <i>Microorganisms</i> , 2021 , 9,	4.9	9
317	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021 , 17, 363-368	11.7	32
316	Root exposure to apple replant disease soil triggers local defense response and rhizoplane microbiome dysbiosis. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	7

315	Distinct rhizomicrobiota assemblages and plant performance in lettuce grown in soils with different agricultural management histories. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	2
314	Comparative analysis of the alveolar microbiome in COPD, ECOPD, Sarcoidosis, and ILD patients to identify respiratory illnesses specific microbial signatures. <i>Scientific Reports</i> , 2021 , 11, 3963	4.9	12
313	Importance of microbial communities at the root-soil interface for extracellular polymeric substances and soil aggregation in semiarid grasslands. <i>Soil Biology and Biochemistry</i> , 2021 , 159, 108301	7.5	2
312	Spatial analysis of the root system coupled to microbial community inoculation shed light on rhizosphere bacterial community assembly. <i>Biology and Fertility of Soils</i> , 2021 , 57, 973-989	6.1	0
311	Metagenomic evidence for co-occurrence of antibiotic, biocide and metal resistance genes in pigs. <i>Environment International</i> , 2021 , 158, 106899	12.9	4
310	CRISPRCasTyper: Automated Identification, Annotation, and Classification of CRISPR-Cas Loci. <i>CRISPR Journal</i> , 2020 , 3, 462-469	2.5	26
309	Discovery of multiple anti-CRISPRs highlights anti-defense gene clustering in mobile genetic elements. <i>Nature Communications</i> , 2020 , 11, 5652	17.4	24
308	Metal-induced bacterial interactions promote diversity in river-sediment microbiomes. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	6
307	Ecological succession in the vaginal microbiota during pregnancy and birth. <i>ISME Journal</i> , 2020 , 14, 2325-2335	13.9	18
306	Compatibility of X-ray computed tomography with plant gene expression, rhizosphere bacterial communities and enzyme activities. <i>Journal of Experimental Botany</i> , 2020 , 71, 5603-5614	7	12
305	Prokaryotic Community Composition and Extracellular Polymeric Substances Affect Soil Microaggregation in Carbonate Containing Semiarid Grasslands. <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	9
304	Salmonella persistence in soil depends on reciprocal interactions with indigenous microorganisms. <i>Environmental Microbiology</i> , 2020 , 22, 2639-2652	5.2	12
303	Azo dyeing of keratin material improves microbial keratinase screening and standardization. <i>Microbial Biotechnology</i> , 2020 , 13, 984-996	6.3	5
302	Comparison of antibiotic-resistant bacteria and antibiotic resistance genes abundance in hospital and community wastewater: A systematic review. <i>Science of the Total Environment</i> , 2020 , 743, 140804	10.2	36
301	Prenatal dietary supplements influence the infant airway microbiota in a randomized factorial clinical trial. <i>Nature Communications</i> , 2020 , 11, 426	17.4	13
300	Community-intrinsic properties enhance keratin degradation from bacterial consortia. <i>PLoS ONE</i> , 2020 , 15, e0228108	3.7	11
299	Plasmids persist in a microbial community by providing fitness benefit to multiple phylotypes. <i>ISME Journal</i> , 2020 , 14, 1170-1181	11.9	23
298	Type IV CRISPR-Cas systems are highly diverse and involved in competition between plasmids. <i>Nucleic Acids Research</i> , 2020 , 48, 2000-2012	20.1	57

297	Interspecific interactions in dual-species biofilms of soil bacteria: effects of fertilization practices. <i>Journal of Soils and Sediments</i> , 2020 , 20, 1494-1501	3.4	4
296	Exploring microbial determinants of apple replant disease (ARD): a microhabitat approach under split-root design. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	7
295	Epigenetic landscape links upper airway microbiota in infancy with allergic rhinitis at 6 years of age. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1358-1366	11.5	14
294	Composted Sewage Sludge Influences the Microbiome and Persistence of Human Pathogens in Soil. <i>Microorganisms</i> , 2020 , 8,	4.9	8
293	Delivery mode and gut microbial changes correlate with an increased risk of childhood asthma. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	33
292	Environmental shaping of the bacterial and fungal community in infant bed dust and correlations with the airway microbiota. <i>Microbiome</i> , 2020 , 8, 115	16.6	10
291	Rhizosphere microbial communities associated to rose replant disease: links to plant growth and root metabolites. <i>Horticulture Research</i> , 2020 , 7, 144	7.7	9
290	The microbiome of captive hamadryas baboons. <i>Animal Microbiome</i> , 2020 , 2, 25	4.1	2
289	Persistence and progression of staphylococcal infection in the presence of public goods. <i>Npj Biofilms and Microbiomes</i> , 2020 , 6, 55	8.2	1
288	Unravelling plasmidome distribution and interaction with its hosting microbiome. <i>Environmental Microbiology</i> , 2020 , 22, 32-44	5.2	7
287	Selection and propagation of IncP conjugative plasmids following long-term anthropogenic metal pollution in river sediments. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121173	12.8	6
286	Impact of Long-Term Organic and Mineral Fertilization on Rhizosphere Metabolites, Root-Microbial Interactions and Plant Health of Lettuce. <i>Frontiers in Microbiology</i> , 2020 , 11, 597745	5.7	6
285	Community-intrinsic properties enhance keratin degradation from bacterial consortia 2020 , 15, e0228108		
284	Community-intrinsic properties enhance keratin degradation from bacterial consortia 2020 , 15, e0228108		
283	Community-intrinsic properties enhance keratin degradation from bacterial consortia 2020 , 15, e0228108		
282	Community-intrinsic properties enhance keratin degradation from bacterial consortia 2020 , 15, e0228108		
281	Interspecies interactions reduce selection for a biofilm optimized variant in a four-species biofilm model. <i>Environmental Microbiology</i> , 2019 ,	5.2	1
280	Deciphering links between bacterial interactions and spatial organization in multispecies biofilms. <i>ISME Journal</i> , 2019 , 13, 3054-3066	11.9	28

279	Priority of Early Colonizers but No Effect on Cohabitants in a Synergistic Biofilm Community. <i>Frontiers in Microbiology</i> , 2019 , 10, 1949	5.7	6
278	Manure and Doxycycline Affect the Bacterial Community and Its Resistome in Lettuce Rhizosphere and Bulk Soil. <i>Frontiers in Microbiology</i> , 2019 , 10, 725	5.7	20
277	Effect of long-term organic and mineral fertilization strategies on rhizosphere microbiota assemblage and performance of lettuce. <i>Environmental Microbiology</i> , 2019 , 21, 2426-2439	5.2	22
276	Different Degrees of Niche Differentiation for Bacteria, Fungi, and Myxomycetes Within an Elevational Transect in the German Alps. <i>Microbial Ecology</i> , 2019 , 78, 764-780	4.4	8
275	The scent of symbiosis: gut bacteria may affect social interactions in leaf-cutting ants. <i>Animal Behaviour</i> , 2019 , 150, 239-254	2.8	19
274	Fate of CMY-2-Encoding Plasmids Introduced into the Human Fecal Microbiota by Exogenous. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
273	Heavy metal exposure causes changes in the metabolic health-associated gut microbiome and metabolites. <i>Environment International</i> , 2019 , 126, 454-467	12.9	69
272	Bacterial community analysis for investigating bacterial transfer from tonsils to the pig carcass. <i>International Journal of Food Microbiology</i> , 2019 , 295, 8-18	5.8	8
271	Construction of Simplified Microbial Consortia to Degrade Recalcitrant Materials Based on Enrichment and Dilution-to-Extinction Cultures. <i>Frontiers in Microbiology</i> , 2019 , 10, 3010	5.7	24
270	Amplicon sequencing provides more accurate microbiome information in healthy children compared to culturing. <i>Communications Biology</i> , 2019 , 2, 291	6.7	29
269	The needle mycobiome of <i>Picea glauca</i> – A dynamic system reflecting surrounding environment and tree phenological traits. <i>Fungal Ecology</i> , 2019 , 41, 177-186	4.1	9
268	Improvement of pesticide removal in contaminated media using aqueous extracts from contaminated biopurification systems. <i>Science of the Total Environment</i> , 2019 , 691, 749-759	10.2	10
267	Quantitative Flow Cytometry to Understand Population Heterogeneity in Response to Changes in Substrate Availability in and Chemostats. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 187	5.8	16
266	Interspecies interactions reduce selection for a biofilm-optimized variant in a four-species biofilm model. <i>Environmental Microbiology Reports</i> , 2019 , 11, 835-839	3.7	4
265	Infant airway microbiota and topical immune perturbations in the origins of childhood asthma. <i>Nature Communications</i> , 2019 , 10, 5001	17.4	52
264	Biocontrol of Bacterial Wilt Disease Through Complex Interaction Between Tomato Plant, Antagonists, the Indigenous Rhizosphere Microbiota, and. <i>Frontiers in Microbiology</i> , 2019 , 10, 2835	5.7	32
263	The effect of acetate on population heterogeneity in different cellular characteristics of <i>Escherichia coli</i> in aerobic batch cultures. <i>Biotechnology Progress</i> , 2019 , 35, e2796	2.8	4
262	DNA- and RNA-SIP Reveal spp. as Key Drivers of Nitrification in Groundwater-Fed Biofilters. <i>MBio</i> , 2019 , 10,	7.8	18

261	Tailings microbial community profile and prediction of its functionality in basins of tungsten mine. <i>Scientific Reports</i> , 2019 , 9, 19596	4.9	14
260	Intra- and inter-field diversity of 2,4-dichlorophenoxyacetic acid-degradative plasmids and their tfd catabolic genes in rice fields of the Mekong delta in Vietnam. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	1
259	Impact of long-term agricultural management practices on soil prokaryotic communities. <i>Soil Biology and Biochemistry</i> , 2019 , 129, 17-28	7.5	59
258	Soil amendment with sewage sludge affects soil prokaryotic community composition, mobilome and resistome. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	6
257	Bulk soil and maize rhizosphere resistance genes, mobile genetic elements and microbial communities are differently impacted by organic and inorganic fertilization. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	19
256	Nutrient Fortification of Human Donor Milk Affects Intestinal Function and Protein Metabolism in Preterm Pigs. <i>Journal of Nutrition</i> , 2018 , 148, 336-347	4.1	20
255	Micro-scale intermixing: a requisite for stable and synergistic co-establishment in a four-species biofilm. <i>ISME Journal</i> , 2018 , 12, 1940-1951	11.9	24
254	Estimating the Transfer Range of Plasmids Encoding Antimicrobial Resistance in a Wastewater Treatment Plant Microbial Community. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 260-265	11	59
253	Fluorescence Recovery Allows the Implementation of a Fluorescence Reporter Gene Platform Applicable for the Detection and Quantification of Horizontal Gene Transfer in Anoxic Environments. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	10
252	Soil bacteria show different tolerance ranges to an unprecedented disturbance. <i>Biology and Fertility of Soils</i> , 2018 , 54, 189-202	6.1	19
251	Microbial Diversity and Putative Opportunistic Pathogens in Dishwasher Biofilm Communities. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	31
250	Maturation of the gut microbiome and risk of asthma in childhood. <i>Nature Communications</i> , 2018 , 9, 14117.4	17.4	216
249	Investigation of the bacteriophage community in induced lysates of undefined mesophilic mixed-strain DL-cultures using classical and metagenomic approaches. <i>International Journal of Food Microbiology</i> , 2018 , 272, 61-72	5.8	2
248	Rifaximin has minor effects on bacterial composition, inflammation, and bacterial translocation in cirrhosis: A randomized trial. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018 , 33, 307-314	4	34
247	Long-term industrial metal contamination unexpectedly shaped diversity and activity response of sediment microbiome. <i>Journal of Hazardous Materials</i> , 2018 , 344, 299-307	12.8	52
246	Genetic barcoding of dark-spored myxomycetes (Amoebozoa)-Identification, evaluation and application of a sequence similarity threshold for species differentiation in NGS studies. <i>Molecular Ecology Resources</i> , 2018 , 18, 306-318	8.4	19
245	Microbial indicators for soil quality. <i>Biology and Fertility of Soils</i> , 2018 , 54, 1-10	6.1	189
244	A culture-independent method for studying transfer of IncI1 plasmids from wild-type Escherichia coli in complex microbial communities. <i>Journal of Microbiological Methods</i> , 2018 , 152, 18-26	2.8	2

243	The bacterial microbiota in first-void urine from men with and without idiopathic urethritis. <i>PLoS ONE</i> , 2018 , 13, e0201380	3.7	18
242	Synergistic Interactions in Microbial Biofilms Facilitate the Establishment of Opportunistic Pathogenic Fungi in Household Dishwashers. <i>Frontiers in Microbiology</i> , 2018 , 9, 21	5.7	25
241	How Microbial Aggregates Protect against Nanoparticle Toxicity. <i>Trends in Biotechnology</i> , 2018 , 36, 1171-1182	11.81	81
240	Monitoring plasmid-mediated horizontal gene transfer in microbiomes: recent advances and future perspectives. <i>Plasmid</i> , 2018 , 99, 56-67	3.3	33
239	An intriguing relationship between the cyclic diguanylate signaling system and horizontal gene transfer. <i>ISME Journal</i> , 2018 , 12, 2330-2334	11.9	16
238	Bacterial social interactions and the emergence of community-intrinsic properties. <i>Current Opinion in Microbiology</i> , 2018 , 42, 104-109	7.9	44
237	coagulases are exploitable yet stable public goods in clinically relevant conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11771-E11779	11.5	5
236	Stability and resilience of the intestinal microbiota in children in daycare - a 12 month cohort study. <i>BMC Microbiology</i> , 2018 , 18, 223	4.5	10
235	Long-term soil metal exposure impaired temporal variation in microbial metatranscriptomes and enriched active phages. <i>Microbiome</i> , 2018 , 6, 223	16.6	20
234	Free-Living Nematodes Together With Associated Microbes Play an Essential Role in Apple Replant Disease. <i>Frontiers in Plant Science</i> , 2018 , 9, 1666	6.2	16
233	Short- and long-term impacts of azithromycin treatment on the gut microbiota in children: A double-blind, randomized, placebo-controlled trial. <i>EBioMedicine</i> , 2018 , 38, 265-272	8.8	37
232	Changes in rumen bacterial and archaeal communities over the transition period in primiparous Holstein dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 9847-9862	4	19
231	Enrichment and characterization of an environmental microbial consortium displaying efficient keratinolytic activity. <i>Bioresource Technology</i> , 2018 , 270, 303-310	11	29
230	Enhanced bacterial mutualism through an evolved biofilm phenotype. <i>ISME Journal</i> , 2018 , 12, 2608-2618	11.9	19
229	Low-abundant species facilitates specific spatial organization that promotes multispecies biofilm formation. <i>Environmental Microbiology</i> , 2017 , 19, 2893-2905	5.2	38
228	Alterations of the murine gut microbiome in allergic airway disease are independent of surfactant protein D. <i>Heliyon</i> , 2017 , 3, e00262	3.6	5
227	Whole-Genome Sequence of EK007-RG4, a Promising Biocontrol Agent against a Broad Range of Bacteria, Including the Fire Blight Bacterium. <i>Genome Announcements</i> , 2017 , 5,		1
226	Autogenic succession and deterministic recovery following disturbance in soil bacterial communities. <i>Scientific Reports</i> , 2017 , 7, 45691	4.9	50

225	Deciphering conjugative plasmid permissiveness in wastewater microbiomes. <i>Molecular Ecology</i> , 2017 , 26, 3556-3571	5.7	41
224	It is elemental: soil nutrient stoichiometry drives bacterial diversity. <i>Environmental Microbiology</i> , 2017 , 19, 1176-1188	5.2	154
223	Critical Assessment of Metagenome Interpretation-a benchmark of metagenomics software. <i>Nature Methods</i> , 2017 , 14, 1063-1071	21.6	412
222	Community structure of the metabolically active rumen bacterial and archaeal communities of dairy cows over the transition period. <i>PLoS ONE</i> , 2017 , 12, e0187858	3.7	20
221	Microbiomes associated with infective stages of root-knot and lesion nematodes in soil. <i>PLoS ONE</i> , 2017 , 12, e0177145	3.7	49
220	In situ metabolomic- and transcriptomic-profiling of the host-associated cyanobacteria <i>Prochloron</i> and <i>Acaryochloris marina</i> . <i>ISME Journal</i> , 2017 ,	11.9	6
219	Synergistic Interactions within a Multispecies Biofilm Enhance Individual Species Protection against Grazing by a Pelagic Protozoan. <i>Frontiers in Microbiology</i> , 2017 , 8, 2649	5.7	28
218	Antagonism correlates with metabolic similarity in diverse bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10684-10688	11.5	74
217	Response of the bacterial community in an on-farm biopurification system, to which diverse pesticides are introduced over an agricultural season. <i>Environmental Pollution</i> , 2017 , 229, 854-862	9.3	25
216	Metagenomic Analysis of Dairy Bacteriophages: Extraction Method and Pilot Study on Whey Samples Derived from Using Undefined and Defined Mesophilic Starter Cultures. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	13
215	A meta-proteomics approach to study the interspecies interactions affecting microbial biofilm development in a model community. <i>Scientific Reports</i> , 2017 , 7, 16483	4.9	35
214	Metal stressors consistently modulate bacterial conjugal plasmid uptake potential in a phylogenetically conserved manner. <i>ISME Journal</i> , 2017 , 11, 152-165	11.9	68
213	Distinct gene expression profile of <i>Xanthomonas retroflexus</i> engaged in synergistic multispecies biofilm formation. <i>ISME Journal</i> , 2017 , 11, 300-303	11.9	35
212	A post-planktonic era of in vitro infectious models: issues and changes addressed by a clinically relevant wound like media. <i>Critical Reviews in Microbiology</i> , 2017 , 43, 453-465	7.8	13
211	Comparative Genomic Analysis Reveals Ecological Differentiation in the Genus. <i>Frontiers in Microbiology</i> , 2017 , 8, 357	5.7	17
210	Effects of Soil Pre-Treatment with Basamid [®] Granules, , and on Bacterial and Fungal Communities at Two Apple Replant Disease Sites. <i>Frontiers in Microbiology</i> , 2017 , 8, 1604	5.7	38
209	Legacy Effects on the Recovery of Soil Bacterial Communities from Extreme Temperature Perturbation. <i>Frontiers in Microbiology</i> , 2017 , 8, 1832	5.7	54
208	A novel baiting microcosm approach used to identify the bacterial community associated with <i>Penicillium bilaii</i> hyphae in soil. <i>PLoS ONE</i> , 2017 , 12, e0187116	3.7	12

207	Diverse gene functions in a soil mobilome. <i>Soil Biology and Biochemistry</i> , 2016 , 101, 175-183	7.5	16
206	Coping with copper: legacy effect of copper on potential activity of soil bacteria following a century of exposure. <i>FEMS Microbiology Ecology</i> , 2016 , 92,	4.3	91
205	Enhanced plasmid loss in bacterial populations exposed to the antimicrobial compound irgasan delivered from interpenetrating polymer network silicone hydrogels. <i>Plasmid</i> , 2016 , 87-88, 72-78	3.3	13
204	Bacterial communities in termite fungus combs are comprised of consistent gut deposits and contributions from the environment. <i>Microbial Ecology</i> , 2016 , 71, 207-20	4.4	29
203	Plasmid metagenomics reveals multiple antibiotic resistance gene classes among the gut microbiomes of hospitalised patients. <i>Journal of Global Antimicrobial Resistance</i> , 2016 , 6, 57-66	3.4	10
202	Draft Genome Sequences of Two <i>Kocuria</i> Isolates, <i>K. salsicia</i> G1 and <i>K. rhizophila</i> G2, Isolated from a Slaughterhouse in Denmark. <i>Genome Announcements</i> , 2016 , 4,		1
201	Coexistence facilitates interspecific biofilm formation in complex microbial communities. <i>Environmental Microbiology</i> , 2016 , 18, 2565-74	5.2	53
200	Studying Bacterial Multispecies Biofilms: Where to Start?. <i>Trends in Microbiology</i> , 2016 , 24, 503-513	12.4	109
199	Ecological patterns, diversity and core taxa of microbial communities in groundwater-fed rapid gravity filters. <i>ISME Journal</i> , 2016 , 10, 2209-22	11.9	81
198	Exploring the complex response to linuron of bacterial communities from biopurification systems by means of cultivation-independent methods. <i>FEMS Microbiology Ecology</i> , 2016 , 92,	4.3	16
197	Back to the Future of Soil Metagenomics. <i>Frontiers in Microbiology</i> , 2016 , 7, 73	5.7	82
196	Interspecific Bacterial Interactions are Reflected in Multispecies Biofilm Spatial Organization. <i>Frontiers in Microbiology</i> , 2016 , 7, 1366	5.7	92
195	Type 3 Fimbriae Encoded on Plasmids Are Expressed from a Unique Promoter without Affecting Host Motility, Facilitating an Exceptional Phenotype That Enhances Conjugal Plasmid Transfer. <i>PLoS ONE</i> , 2016 , 11, e0162390	3.7	12
194	Genome Sequence of <i>Kocuria varians</i> G6 Isolated from a Slaughterhouse in Denmark. <i>Genome Announcements</i> , 2016 , 4,		2
193	Large-scale benchmarking reveals false discoveries and count transformation sensitivity in 16S rRNA gene amplicon data analysis methods used in microbiome studies. <i>Microbiome</i> , 2016 , 4, 62	16.6	93
192	The developing hypopharyngeal microbiota in early life. <i>Microbiome</i> , 2016 , 4, 70	16.6	34
191	Metagenomes provide valuable comparative information on soil microeukaryotes. <i>Research in Microbiology</i> , 2016 , 167, 436-50	4	28
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181	Microbial diversity and dynamics throughout manufacturing and ripening of surface ripened semi-hard Danish Danbo cheeses investigated by culture-independent techniques. <i>International Journal of Food Microbiology</i> , 2015 , 215, 124-30	5.8	23
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37	Adaptation of the bacterial community to mercury contamination. <i>FEMS Microbiology Letters</i> , 2001 , 204, 49-53	2.9	38
36	An examination of the biodiversity↔ecosystem function relationship in arable soil microbial communities. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 1713-1722	7.5	210
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32	Influence of fungal-bacterial interactions on bacterial conjugation in the residuesphere. <i>FEMS Microbiology Ecology</i> , 2000 , 31, 39-45	4.3	4
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30	Versatile biosensor vectors for detection and quantification of mercury. <i>FEMS Microbiology Letters</i> , 2000 , 193, 123-7	2.9	84
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14	Deep mutational scanning by FACS-sorting of encapsulated <i>E. coli</i> micro-colonies		1
13	Effects of mercury contamination on the culturable heterotrophic, functional and genetic diversity of the bacterial community in soil		2
12	Detection and quantification of tetracyclines by whole cell biosensors		2
11	Conjugative dissemination of plasmids in rapid sand filters: a trojan horse strategy to enhance pesticide degradation in groundwater treatment		3
10	CRISPRCasTyper: An automated tool for the identification, annotation and classification of CRISPR-Cas loci		9

9	Discovery of multiple anti-CRISPRs uncovers anti-defense gene clustering in mobile genetic elements	2
8	Large-scale association analyses identify host factors influencing human gut microbiome composition	9
7	DAtest: a framework for choosing differential abundance or expression method	17
6	Type IV CRISPR-Cas systems are highly diverse and involved in competition between plasmids	5
5	CRISPR-Cas systems are widespread accessory elements across bacterial and archaeal plasmids	1
4	Hundreds of viral families in the healthy infant gut	3
3	Critical Assessment of Metagenome Interpretation - the second round of challenges	3
2	Metagenomic evidence for co-occurrence of antibiotic, biocide and metal resistance genes in pigs	1
1	Comparative genomics analysis of <i>Chryseobacterium</i> sp. KMC2 reveals metabolic pathways involved in keratinous utilization and natural product biosynthesis	1