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Commentary: Microbial Small Talk: Volatiles in Fungal-Bacterial Interactions

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796	A loop-mediated isothermal amplification (LAMP) assay for the rapid detection of <i>Enterococcus</i> spp. in water. 2017 , 122, 62-69		42
795	Reaction engineering of biocatalytic (S)-naproxen synthesis integrating in-line process monitoring by Raman spectroscopy. 2017 , 2, 531-540		8
794	Ubiquity and quantitative significance of bacterioplankton lineages inhabiting the oxygenated hypolimnion of deep freshwater lakes. <i>ISME Journal</i> , 2017 , 11, 2279-2293	11.9	37
793	Peptide hydrolysis and uptake of peptide hydrolysis products in the James River estuary and lower Chesapeake Bay. 2017 , 197, 52-63		2
792	A 38-year-old woman with necrotising cervical lymphadenitis due to <i>Histoplasma capsulatum</i> . 2017 , 45, 917-920		11
791	A novel red pigment from marine <i>Arthrobacter</i> sp. G20 with specific anticancer activity. 2017 , 123, 1228-1236		14
790	Rapid generation of recombinant secondary metabolite producers using yTREX. 2017 , 2, 310-319		28
789	Polyphenols and tri-terpenoids from <i>Olea europaea</i> L. in alleviation of enteric pathogen infections through limiting bacterial virulence and attenuating inflammation. 2017 , 36, 132-143		23
788	Bioprospecting of Endophytes for Agricultural and Environmental Sustainability. 2017 , 429-458		7
787	Bacteria associated with decomposing dead wood in a natural temperate forest. 2017 , 93,		40
786	Physiological characterization of secondary metabolite producing cell factories. 2017 , 4, 8		19
785	Aerial Warfare: A Volatile Dialogue between the Plant Pathogen and Its Antagonist. 2017 , 8, 1294		47
784	Characterization of <i>Sarocladium oryzae</i> and its reduction potential of rice leaf blast. 2017 , 47, 41-52		8
783	Laboratory evaluation of the IFN- γ circuit for the molecular diagnosis of Mendelian susceptibility to mycobacterial disease. 2018 , 55, 184-204		27
782	Sulfate-reducing bacteria in anaerobic bioprocesses: basic properties of pure isolates, molecular quantification, and controlling strategies. 2018 , 7, 46-72		16
781	Efficacy of a bacterial preparation of <i>Aneurinibacillus migulanus</i> against downy mildew of cucumber (<i>Pseudoperonospora cubensis</i>). 2018 , 151, 439-450		4
780	Cascading effects on bacterial communities: cattle grazing causes a shift in the microbiome of a herbivorous caterpillar. <i>ISME Journal</i> , 2018 , 12, 1952-1963	11.9	11

779	Fighting bacterial persistence: Current and emerging anti-persister strategies and therapeutics. 2018 , 38, 12-26		112
778	HIV-exposure, early life feeding practices and delivery mode impacts on faecal bacterial profiles in a South African birth cohort. <i>Scientific Reports</i> , 2018 , 8, 5078	4.9	14
777	Bioinformatics Analysis of Genes and Pathways of CD11b/Ly6C Macrophages after Renal Ischemia-Reperfusion Injury. 2018 , 38, 70-77		5
776	Composition and functional diversity of microbial community across a mangrove-inhabited mudflat as revealed by 16S rDNA gene sequences. <i>Science of the Total Environment</i> , 2018 , 633, 518-528	10.2	62
775	Long-term fertilisation form, level and duration affect the diversity, structure and functioning of soil microbial communities in the field. 2018 , 122, 91-103		75
774	Microbial fuel cell with a nano-membrane and two expired medicinal drug-feeding cathode: a novel strategy. 2018 , 9, 249-256		5
773	The role of the gut microbiota in schizophrenia: Current and future perspectives. 2018 , 19, 571-585		24
772	No Correlation Between Atmospheric Dust and Surface Ocean Chlorophyll-a in the Oligotrophic Gulf of Aqaba, Northern Red Sea. 2018 , 123, 391-405		13
771	Role of antimicrobial peptides in controlling symbiotic bacterial populations. <i>Natural Product Reports</i> , 2018 , 35, 336-356	15.1	52
770	The bacterial Type III toxin-antitoxin system, ToxIN, is a dynamic protein-RNA complex with stability-dependent antiviral abortive infection activity. <i>Scientific Reports</i> , 2018 , 8, 1013	4.9	16
769	Long-term effects of grazing, liming and nutrient fertilization on the nitrifying community of grassland soils. 2018 , 118, 97-102		12
768	Expression of genes associated with stress conditions by <i>Listeria monocytogenes</i> in interaction with nisin producer <i>Lactococcus lactis</i> . 2018 , 105, 897-904		13
767	Observations on bradyzoite biology. 2018 , 20, 466-476		21
766	<i>Pseudomonas graminis</i> strain CPA-7 differentially modulates the oxidative response in fresh-cut Golden delicious apple depending on the storage conditions. 2018 , 138, 46-55		12
765	The stage of soil development modulates rhizosphere effect along a High Arctic desert chronosequence. <i>ISME Journal</i> , 2018 , 12, 1188-1198	11.9	48
764	Genomic analysis and immune response in a murine mastitis model of vB_EcoM-UFV13, a potential biocontrol agent for use in dairy cows. <i>Scientific Reports</i> , 2018 , 8, 6845	4.9	13
763	Microbial degradation of Cold Lake Blend and Western Canadian select dilbits by freshwater enrichments. 2018 , 352, 111-120		19
762	Expansion of cap superfamily proteins in the genome of <i>Mesocestoides corti</i> : An extreme case of a general bilaterian trend. 2018 , 11, 110-120		2

761	Antifungal drug resistance: evolution, mechanisms and impact. 2018 , 45, 70-76		168
760	Cellulose nanocrystals from grape pomace: Production, properties and cytotoxicity assessment. 2018 , 192, 327-336		69
759	A novel Aroclor 1242-degrading culturable endophytic bacterium isolated from tissue culture seedlings of <i>Salix matsudana</i> f. <i>pendula</i> Schneid. 2018 , 23, 66-72		3
758	Competitive elimination and virulence property alteration of <i>Campylobacter jejuni</i> by genetically engineered <i>Lactobacillus casei</i> . 2018 , 85, 283-291		18
757	Comparative genomic and transcriptomic analyses unveil novel features of azole resistance and adaptation to the human host in <i>Candida glabrata</i> . 2018 , 18,		21
756	A Statistical Approach to Optimize Cold Active β -Galactosidase Production by an Arctic Sediment Psychrotrophic Bacteria, <i>Enterobacter ludwigii</i> (MCC 3423) in Cheese Whey. 2018 , 148, 712-724		5
755	Salmonella in Dairy Cattle. 2018 , 34, 133-154		30
754	Respiratory stress in mitochondrial electron transport chain complex mutants of <i>Candida albicans</i> activates Snf1 kinase response. 2018 , 111, 73-84		15
753	<i>Listeria monocytogenes</i> Adaptation and Growth at Low Temperatures. 2018 , 227-248		4
752	Characterization of Septin Protein Interactions at the Yeast Bud Neck Using a Tripartite Split GFP Detection System. 2018 , 24, 1348-1349		
751	The <i>Trichodesmium</i> microbiome can modulate host N ₂ fixation. 2018 , 3, 401-408		6
750	Draft genome sequence of subsp. strain Fito_F321, an endophyte microorganism from with biocontrol potential. 2018 , 13, 30		10
749	Rapidly evolving changes and gene loss associated with host switching in <i>Corynebacterium pseudotuberculosis</i> . <i>PLoS ONE</i> , 2018 , 13, e0207304	3-7	4
748	Interactions of and in an Mixed Biofilm Model: Does the Strain Matter?. <i>Frontiers in Microbiology</i> , 2018 , 9, 2850	5-7	14
747	Detection of <i>Burkholderia</i> in the seeds of <i>Psychotria punctata</i> (Rubiaceae) - Microscopic evidence for vertical transmission in the leaf nodule symbiosis. <i>PLoS ONE</i> , 2018 , 13, e0209091	3-7	5
746	Antimicrobial photodynamic inactivation of fungal biofilm using amino functionalized mesoporous silica-rose bengal nanoconjugate against <i>Candida albicans</i> . 2018 , 1, e00007		15
745	The CRISPR-cas system promotes antimicrobial resistance in <i>Campylobacter jejuni</i> . <i>Future Microbiology</i> , 2018 , 13, 1757-1774	2.9	10
744	Identification and typing of fish pathogenic species of the genus <i>Tenacibaculum</i> . 2018 , 102, 9973-9989		17

743	Pathogenic functions of host microbiota. 2018 , 6, 174		37
742	Non-invasive nanosecond electroporation for biocontrol of surface infections: an in vivo study. <i>Scientific Reports</i> , 2018 , 8, 14516	4.9	14
741	Petroleum hydrocarbon rich oil refinery sludge of North-East India harbours anaerobic, fermentative, sulfate-reducing, syntrophic and methanogenic microbial populations. 2018 , 18, 151		26
740	Analysis of tuberculosis disease through Raman spectroscopy and machine learning. 2018 , 24, 286-291		19
739	Simultaneous inoculation with beneficial and pathogenic microorganisms modifies peanut plant responses triggered by each microorganism. 2018 , 433, 353-361		3
738	Biochemical and Cellular Events in Controlling Microbial Performance. 2018 , 201-221		
737	Showcasing the role of seawater in bacteria recruitment and microbiome stability in sponges. <i>Scientific Reports</i> , 2018 , 8, 15201	4.9	25
736	Priming of leaf litter decomposition by algae seems of minor importance in natural streams during autumn. <i>PLoS ONE</i> , 2018 , 13, e0200180	3.7	12
735	Antimicrobial Activities of Olive Leaf Extract and Its Potential Use in Food Industry. <i>ACS Symposium Series</i> , 2018 , 119-132	0.4	3
734	Development of mazF-based markerless genome editing system and metabolic pathway engineering in <i>Candida tropicalis</i> for producing long-chain dicarboxylic acids. 2018 , 45, 971-981		10
733	Ketogenic Diets for Adult Neurological Disorders. 2018 , 15, 1018-1031		44
732	High-resolution reconstruction of historical flood events in the Changjiang River catchment based on geochemical and biomarker records. 2018 , 499, 58-70		7
731	Effects of Sulfide Flavors on AHL-Mediated Quorum Sensing and Biofilm Formation of <i>Hafnia alvei</i> . 2018 , 83, 2550-2559		12
730	Activation of microbial secondary metabolic pathways: Avenues and challenges. 2018 , 3, 163-178		78
729	Conservation of biodiversity in the genomics era. 2018 , 19, 131		95
728	Integrated human-virus metabolic stoichiometric modelling predicts host-based antiviral targets against Chikungunya, Dengue and Zika viruses. 2018 , 15,		20
727	High yield production of cellulose by a PG2 strain isolated from pomegranate as a new host.. 2018 , 8, 29797-29805		25
726	Effects of alpha-(1,2)-fucosyltransferase genotype variants on plasma metabolome, immune responses and gastrointestinal bacterial enumeration of pigs pre- and post-weaning. <i>PLoS ONE</i> , 2018 , 13, e0202970	3.7	12

725	Surviving host - and food relevant stresses: phenotype of <i>L. monocytogenes</i> strains isolated from food and clinical sources. <i>Scientific Reports</i> , 2018 , 8, 12931	4.9	12
724	Gaining insight into the photophysical properties of a coumarin STP ester with potential for bioconjugation. 2018 , 42, 16635-16645		3
723	Genomics-guided discovery and structure identification of cyclic lipopeptides from the <i>Bacillus siamensis</i> JFL15. <i>PLoS ONE</i> , 2018 , 13, e0202893	3.7	17
722	Transfer RNA modification and infection - Implications for pathogenicity and host responses. 2018 , 1861, 419-432		24
721	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. 2018 , 9, 1962		38
720	Frequent transmission of the <i>Mycobacterium tuberculosis</i> Beijing lineage and positive selection for the EsxW Beijing variant in Vietnam. 2018 , 50, 849-856		94
719	Molecular diversity of internal transcribed spacer among the monoconidial isolates of isolated from rice in Southern Karnataka, India. 2018 , 16, 631-638		8
718	Bacterial biofilm formation on the hyphae of ectomycorrhizal fungi: a widespread ability under controls?. 2018 , 94,		23
717	Exotic <i>Spartina alterniflora</i> invasion increases CH while reduces CO emissions from mangrove wetland soils in southeastern China. <i>Scientific Reports</i> , 2018 , 8, 9243	4.9	16
716	Screening and characterization of prophages in <i>Desulfovibrio</i> genomes. <i>Scientific Reports</i> , 2018 , 8, 9273	4.9	22
715	AHL-lactonase expression in three marine emerging pathogenic <i>Vibrio</i> spp. reduces virulence and mortality in brine shrimp (<i>Artemia salina</i>) and Manila clam (<i>Venerupis philippinarum</i>). <i>PLoS ONE</i> , 2018 , 13, e0195176	3.7	15
714	Impact of Unit Operations From Farm to Fork on Microbial Safety and Quality of Foods. 2018 , 85, 131-175		2
713	Cupuaçu (<i>Theobroma grandiflorum</i>) residue and its potential application in the bioremediation of 17- β -ethinylestradiol as a <i>Pycnoporus sanguineus</i> laccase inducer. 2018 , 48, 541-548		17
712	Reversible sensory polyneuropathy during an arboviral outbreak in Salvador, Bahia, Brazil. 2018 , 391, 3-4		1
711	Clinical Implementation of High-Throughput Sequencing. 2018 , 311-325		1
710	Effect of Temperature on Nitrogen Removal and Electricity Generation of a Dual-Chamber Microbial Fuel Cell. 2018 , 229, 1		17
709	Microbial and pigment profile of the reddish patch occurring within <i>Tuber magnatum</i> ascomata. 2018 , 122, 1134-1141		7
708	Genomic screening of new putative antiviral lectins from Amazonian cyanobacteria based on a bioinformatics approach. 2018 , 86, 1047-1054		5

707	Characterization of <i>Campylobacter</i> species in Spanish retail from different fresh chicken products and their antimicrobial resistance. <i>Food Microbiology</i> , 2018 , 76, 457-465	6	19
706	The Present and Future of Whole Genome Sequencing (WGS) and Whole Metagenome Sequencing (WMS) for Surveillance of Antimicrobial Resistant Microorganisms and Antimicrobial Resistance Genes across the Food Chain. 2018 , 9,		59
705	Evolution of Altiplanic Lakes at the Pleistocene/Holocene Transition: A Window Into Early Mars Declining Habitability, Changing Habitats, and Biosignatures. 2018 , 153-177		4
704	Bacterial symbionts in human blood-feeding arthropods: Patterns, general mechanisms and effects of global ecological changes. 2018 , 186, 69-101		15
703	Valorisation of olive agro-industrial by-products as a source of bioactive compounds. <i>Science of the Total Environment</i> , 2018 , 645, 533-542	10.2	52
702	Effect of microgravity & space radiation on microbes. <i>Future Microbiology</i> , 2018 , 13, 831-847	2.9	17
701	Different effects of nano-scale and micro-scale zero-valent iron particles on planktonic microorganisms from natural reservoir water. 2018 , 5, 1117-1129		21
700	Non-waste technology through the enzymatic hydrolysis of agro-industrial by-products. 2018 , 77, 64-76		29
699	Metabolic capability and in situ activity of microorganisms in an oil reservoir. 2018 , 6, 5		43
698	Holobiont: a conceptual framework to explore the eco-evolutionary and functional implications of host-microbiota interactions in all ecosystems. 2018 , 218, 1321-1324		11
697	Sustainable Nanotechnology: Mycotoxin Detection and Protection. 2018 , 323-349		3
696	Essential Gene Clusters Identified in <i>Stenotrophomonas</i> MB339 for Multiple Metal/Antibiotic Resistance and Xenobiotic Degradation. 2018 , 75, 1484-1492		6
695	Internal standard evaluation for bioimaging soybean leaves through laser ablation inductively coupled plasma mass spectrometry: a plant nanotechnology approach. 2018 , 33, 1720-1728		8
694	Evaluating the impact of sewage discharges on the marine environment with a lightweight AUV. 2018 , 135, 714-722		8
693	Bacterial diversity among the fruit bodies of ectomycorrhizal and saprophytic fungi and their corresponding rhizosphere soils. <i>Scientific Reports</i> , 2018 , 8, 11672	4.9	13
692	Purification and identification of antioxidative peptides from mackerel () protein.. 2018 , 8, 20488-20498		4
691	<i>Mitracarpus frigidus</i> : A promising antifungal in the treatment of vulvovaginal candidiasis. 2018 , 123, 731-739		11
690	VOCs-mediated hormonal signaling and crosstalk with plant growth promoting microbes. 2018 , 38, 1277-1296		52

689	Particle-scale visualization of the evolution of methanogens and methanotrophs and its correlation with CH emissions during manure aerobic composting. 2018 , 78, 135-143		10
688	Does universal 16S rRNA gene amplicon sequencing of environmental communities provide an accurate description of nitrifying guilds?. 2018 , 151, 28-34		7
687	Analysis of diversity of actinomycetes from arid and saline soils at Rajasthan, India. 2018 , 1, 61-70		4
686	New Frontiers of Metallomics: Elemental and Species-Specific Analysis and Imaging of Single Cells. 2018 , 1055, 245-270		8
685	Immobilization of laccase-ABTS system for the development of a continuous flow packed bed bioreactor for decolorization of textile effluent. 2018 , 117, 1093-1100		48
684	Role of salicylic acid from <i>Pseudomonas aeruginosa</i> PF23EPS+ in growth promotion of sunflower in saline soils infested with phytopathogen <i>Macrophomina phaseolina</i> . 2018 , 1, 49-59		21
683	Inflaming sex differences in mood disorders. 2019 , 44, 184-199		45
682	Biotic and abiotic plant-soil feedback depends on nitrogen-acquisition strategy and shifts during long-term ecosystem development. 2019 , 107, 142-153		22
681	Fungal endophytes: A potent biocontrol agent and a bioactive metabolites reservoir. 2019 , 21, 101284		35
680	Eco-friendly synthesis of zinc oxide nanoparticles using <i>Cinnamomum Tamala</i> leaf extract and its promising effect towards the antibacterial activity. 2019 , 53, 101212		35
679	HPLC-DAD-ESI-MS/MS screening of phytochemical compounds and the bioactive properties of different plant parts of <i>Zizyphus lotus</i> (L.) Desf. <i>Food and Function</i> , 2019 , 10, 5898-5909	6.1	8
678	Settling and Peracetic Acid for End-of-Pipe Treatment of sul 1-Carrying Indicator Organisms and Impact on Receiving Water. 2019 , 145, 04019064		0
677	The relationship between meteorological factors and mumps based on Boosted regression tree model. <i>Science of the Total Environment</i> , 2019 , 695, 133758	10.2	13
676	Fabrication of poly lactic acid incorporated bacterial cellulose adhered flax fabric biocomposites. 2019 , 21, 101277		6
675	Early life microbial exposure shapes subsequent animal health. 2019 , 99, 661-677		3
674	Desiccation-induced viable but nonculturable state in <i>Pseudomonas putida</i> KT2440, a survival strategy. <i>PLoS ONE</i> , 2019 , 14, e0219554	3-7	9
673	Click inspired synthesis of hexa and octadecavalent peripheral galactosylated glycodendrimers and their possible therapeutic applications. 2019 , 43, 12475-12482		13
672	The Growing Market of Organic Foods: Impact on the US and Global Economy. 2019 , 3-22		3

671	Acceptable Alternative Growth Promoters for Organic Farm Animal Production. 2019 , 345-363	2
670	Process Analysis of Anaerobic Fermentation Exposure to Metal Mixtures. 2019 , 16,	7
669	Validation of a universal set of primers to study animal-associated microeukaryotic communities. 2019 , 21, 3855-3861	12
668	Molecular Genetic and Functional Analysis of the Genome of Bacteria <i>Bacillus velezensis</i> BIM B-439D. 2019 , 55, 386-396	2
667	Drivers and ecological consequences of dominance in periurban phytoplankton communities using networks approaches. 2019 , 163, 114893	24
666	Symbiotic microencapsulation of <i>Lactococcus lactis</i> subsp. <i>lactis</i> R7 using whey and inulin by spray drying. <i>LWT - Food Science and Technology</i> , 2019 , 115, 108411	5-4 17
665	Diversity of tryptophan halogenases in sponges of the genus <i>Aplysina</i> . 2019 , 95,	7
664	Sodium alginate in drug delivery and biomedical areas. 2019 , 59-100	14
663	Studying fungal pathogens of humans and fungal infections: fungal diversity and diversity of approaches. 2019 , 21, 237-245	10
662	The amazing potential of fungi: 50 ways we can exploit fungi industrially. 2019 , 97, 1-136	236
661	Oenological potential of non- <i>Saccharomyces</i> yeasts to mitigate effects of climate change in winemaking: impact on aroma and sensory profiles of Treixadura wines. 2019 , 19,	16
660	Green Synthesis of Nanofertilizers and Their Application as a Foliar for <i>Cucurbita pepo</i> L. 2019 , 2019, 1-11	37
659	Modulation of Fungal Metabolome by Biotic Stress. 2019 , 599-626	2
658	Seasonal variation in β -glucosidase-producing culturable bacterial diversity in a monsoon-influenced tropical estuary. 2019 , 191, 662	7
657	Co-existence of <i>Leclercia adecarboxylata</i> (LSE-1) and <i>Bradyrhizobium</i> sp. (LSBR-3) in nodule niche for multifaceted effects and profitability in soybean production. 2019 , 35, 172	11
656	Antibacterial Activity and Chemical Composition of Essential Oils from Leaves of Some Aromatic Plants of Philippines. 2019 , 22, 932-946	4
655	Anti-Toxoplasma activity of <i>Sorghum bicolor</i> -derived lipophilic fractions. 2019 , 12, 688	2
654	Novel and modifications in a high-level echinocandin resistant clinical isolate of. 2019 , 8, 1619-1625	15

653	Structural characterization of scorpion peptides and their bactericidal activity against clinical isolates of multidrug-resistant bacteria. <i>PLoS ONE</i> , 2019 , 14, e0222438	3-7	7
652	Latitudinal gradient of cyanobacterial diversity in tidal flats. <i>PLoS ONE</i> , 2019 , 14, e0224444	3-7	1
651	WGS based study of the population structure of <i>Salmonella enterica</i> serovar Infantis. 2019 , 20, 870		21
650	The roles of small RNAs: insights from bacterial quorum sensing. 2019 , 1,		4
649	in silico screening and molecular dynamics simulations study to identify novel potent inhibitors against <i>Mycobacterium tuberculosis</i> DnaG primase. 2019 , 199, 105154		1
648	Megabenthic assemblages at the southern Central Indian Ridge - Spatial segregation of inactive hydrothermal vents from active-, periphery- and non-vent sites. 2019 , 151, 104776		9
647	Endophytes vs tree pathogens and pests: can they be used as biological control agents to improve tree health?. 2019 , 155, 711-729		49
646	Impact of silver nanoparticles (AgNP) on soil microbial community depending on functionalization, concentration, exposure time, and soil texture. 2019 , 31,		29
645	Molecular characterization of virulence genes <i>cctA</i> , <i>nanA</i> , and <i>fliC</i> in <i>Clostridium chauvoei</i> from Rio Grande do Sul and So Paulo State, Brazil. 2019 , 49,		
644	Maternal supplementation with a synbiotic has distinct outcomes on offspring gut microbiota formation in A/J and C57BL/6 mice, differentially affecting airway inflammatory cell infiltration and mucus production. 2019 , 61, 103496		3
643	Impact of intercropping and co-inoculation with strains of plant growth-promoting rhizobacteria on phosphorus and nitrogen concentrations and yield of durum wheat (<i>Triticum durum</i>) and faba bean (<i>Vicia faba</i>). 2019 , 70, 649		2
642	COINOCULATION WITH <i>Bradyrhizobium</i> AND <i>Trichoderma</i> ALLEVIATES THE EFFECTS OF SALT STRESS IN COWPEA. 2019 , 32, 336-344		3
641	Challenges of intervention, treatment, and antibiotic resistance of biofilm-forming microorganisms. 2019 , 5, e02192		119
640	Phenotypic and molecular detection of <i>Aeromonads</i> infection in farmed Nile tilapia in Southern highland and Northern Tanzania. 2019 , 5, e02220		8
639	Phylogenetic characterization of bacterial endophytes from four <i>Pinus</i> species and their nematicidal activity against the pine wood nematode. <i>Scientific Reports</i> , 2019 , 9, 12457	4-9	9
638	Recent advancement of engineering microbial hosts for the biotechnological production of flavonoids. 2019 , 46, 6647-6659		19
637	Photosensitivity responses of probed by FTIR, fluorescence and Raman microspectroscopy.. 2019 , 9, 27391-27397		4
636	Enhanced microbial hydrocarbon biodegradation as stimulated during field-scale landfarming of crude oil-impacted soil. 2019 , 14, 100177		8

635	Can molecular stratification improve the treatment of inflammatory bowel disease?. 2019 , 148, 104442		9
634	Remote sensing, isotopic composition and metagenomics analyses revealed Doce River ore plume reached the southern Abrolhos Bank Reefs. <i>Science of the Total Environment</i> , 2019 , 697, 134038	10.2	28
633	Effect of conjugated linoleic acid overproducing <i>Lactobacillus</i> with berry pomace phenolic extracts on <i>Campylobacter jejuni</i> pathogenesis. <i>Food and Function</i> , 2019 , 10, 296-303	6.1	12
632	Production of high-purity cellulose, cellulose acetate and cellulose-silica composite from babassu coconut shells. 2019 , 210, 127-134		26
631	Efficacy assessment of commercially available natural products and antibiotics, commonly used for mitigation of pathogenic <i>Vibrio</i> outbreaks in Ecuadorian <i>Penaeus</i> (<i>Litopenaeus</i>) <i>vannamei</i> hatcheries. <i>PLoS ONE</i> , 2019 , 14, e0210478	3.7	9
630	The Water Hyacinth Microbiome: Link Between Carbon Turnover and Nutrient Cycling. 2019 , 78, 575-588		13
629	Antibacterial activity against <i>Ralstonia solanacearum</i> of the lipopeptides secreted from the <i>Bacillus amyloliquefaciens</i> strain FJAT-2349. 2019 , 126, 1519-1529		20
628	Bacteria associated with moon jellyfish during bloom and post-bloom periods in the Gulf of Trieste (northern Adriatic). <i>PLoS ONE</i> , 2019 , 14, e0198056	3.7	20
627	Quantitative assessment of tolerance response to stress after exposure to oregano and rosemary essential oils, carvacrol and 1,8-cineole in <i>Salmonella</i> Enteritidis 86 and its isogenic deletion mutants Δ ops, Δ poS and Δ mpR. 2019 , 122, 679-687		8
626	E-beam treatment to guarantee the safety and quality of cherry tomatoes. <i>Innovative Food Science and Emerging Technologies</i> , 2019 , 55, 57-65	6.8	15
625	Deciphering extracellular antibiotic resistance genes (eARGs) in activated sludge by metagenome. 2019 , 161, 610-620		44
624	Biofilm inhibition and corrosion resistance of 2205-Cu duplex stainless steel against acid producing bacterium <i>Acetobacter aceti</i> . 2019 , 35, 2494-2502		21
623	Fat supplements differing in physical form improve performance but divergently influence methane emissions of grazing beef cattle. 2019 , 254, 114210		4
622	Unveiled feather microcosm: feather microbiota of passerine birds is closely associated with host species identity and bacteriocin-producing bacteria. <i>ISME Journal</i> , 2019 , 13, 2363-2376	11.9	16
621	Efficacy of olive leaf extract (<i>L. Gentile di Larino</i>) in marinated anchovies (<i>L.</i>) process. 2019 , 5, e01727		19
620	Bacteriological water quality of recirculating aquatic systems for maintenance of yellowtail amberjack <i>Seriola lalandi</i> . 2019 , 50, 934-953		1
619	Antibiotic Resistance: Modern Approaches and Ways to Overcome It (Review). 2019 , 55, 99-106		4
618	Second generation of pepino mosaic virus vectors: improved stability in tomato and a wide range of reporter genes. 2019 , 15, 58		6

617	"Candidatus Accumolibacter delftensis": A clade IC novel polyphosphate-accumulating organism without denitrifying activity on nitrate. 2019 , 161, 136-151		32
616	Recombinant production and characterization of a novel esterase from a hypersaline lake, Ac ⁻ gū by metagenomic approach. 2019 , 23, 507-520		5
615	Numerical simulation of groundwater flow and temperature distribution in Aegean Coast of Turkey. 2019 , 128, 1		2
614	The combined antimicrobial effect of arginine and fluoride toothpaste. <i>Scientific Reports</i> , 2019 , 9, 8405	4.9	15
613	Uncultured Nitrospina-like species are major nitrite oxidizing bacteria in oxygen minimum zones. <i>ISME Journal</i> , 2019 , 13, 2391-2402	11.9	27
612	Immobilized fungal laccase as "green catalyst" for the decolourization process – State of the art. 2019 , 84, 112-123		33
611	Occurrence of norovirus genogroups I and II in recreational water from four beaches in Belm city, Brazilian Amazon region. 2019 , 17, 442-454		2
610	Pilot study for the understanding and use of probiotics by different paediatric healthcare professionals working in different European countries. 2019 , 45, 57		6
609	Native soil microorganisms hinder the soil enrichment with antibiotic resistance genes following manure applications. <i>Scientific Reports</i> , 2019 , 9, 6760	4.9	20
608	Establishment and characterization of a competitive exclusion bacterial culture derived from Nile tilapia (<i>Oreochromis niloticus</i>) gut microbiomes showing antibacterial activity against pathogenic <i>Streptococcus agalactiae</i> . <i>PLoS ONE</i> , 2019 , 14, e0215375	3.7	8
607	Investigation of anti-inflammatory and toxicity effects of mangrove-derived <i>Streptomyces rochei</i> strain VITGAP173. 2019 , 120, 17080-17097		1
606	Diverse biological sources of core and intact polar isoprenoid GDGTs in terrace soils from southwest of China: Implications for their use as environmental proxies. 2019 , 522, 108-120		4
605	Prevalence and public health implications of mycotoxigenic fungi in treated drinking water systems. 2019 , 17, 517-531		4
604	Opportunities and challenges in the remediation of metal-contaminated soils by using tobacco (<i>Nicotiana tabacum</i> L.): a critical review. 2019 , 26, 18053-18070		9
603	A strain comparison of <i>Campylobacter</i> isolated from retail poultry and human clinical cases in Atlantic Canada. <i>PLoS ONE</i> , 2019 , 14, e0215928	3.7	8
602	Studying fungal pathogens of humans and fungal infections: fungal diversity and diversity of approaches. 2019 , 20, 403-414		28
601	Filamentous cyanobacteria triples oil production in seawater-based medium supplemented with industrial waste: monosodium glutamate residue. 2019 , 12, 53		14
600	Nano-agriculture in the Food Industry. 2019 , 183-200		3

599	Lipopeptide Biosurfactants From Bacillus Species. 2019 , 205-240		15
598	Interaction of ZIKV NS5 and STAT2 Explored by Molecular Modeling, Docking, and Simulations Studies. 2019 , 165-176		
597	Combination of antimicrobials as an approach to reduce their application in aquaculture: Emphasis on the use of thiamphenicol/florfenicol against Aeromonas hydrophila. 2019 , 507, 238-245		19
596	Phyllosphere Microbiome: Functional Importance in Sustainable Agriculture. 2019 , 135-148		6
595	Plant-Microbe Interactions in Ecosystems Functioning and Sustainability. 2019 , 255-266		1
594	Occurrence and characterisation of biofilms in drinking water systems of broiler houses. 2019 , 19, 77		33
593	Targeting biofilms: a perspective on preventing dental caries. 2019 , 10, 1057-1067		40
592	Strain-level diversity of commercial probiotic isolates of Bacillus, Lactobacillus, and Saccharomyces species illustrated by molecular identification and phenotypic profiling. <i>PLoS ONE</i> , 2019 , 14, e0213841	3.7	20
591	Antibiotic resistance in drinking water systems: Occurrence, removal, and human health risks. <i>Science of the Total Environment</i> , 2019 , 669, 785-797	10.2	195
590	Transformation of Ag ions into Ag nanoparticle-loaded AgCl microcubes in the plant root zone. 2019 , 6, 1099-1110		10
589	Sensitivity to the two peptide bacteriocin plantaricin EF is dependent on CorC, a membrane-bound, magnesium/cobalt efflux protein. <i>MicrobiologyOpen</i> , 2019 , 8, e827	3.4	12
588	The genus Aeromonas: A general approach. 2019 , 130, 81-94		54
587	In silico analysis of fungal small RNA accumulation reveals putative plant mRNA targets in the symbiosis between an arbuscular mycorrhizal fungus and its host plant. 2019 , 20, 169		23
586	A novel approach for increasing transformation efficiency in DH5 α cells using silver nanoparticles. <i>Biotech</i> , 2019 , 9, 113	2.8	5
585	Mechanisms of Yeast Adaptation to Wine Fermentations. 2019 , 58, 37-59		7
584	Energetic efficiency and temperature sensitivity of soil heterotrophic respiration vary with decadal-scale fire history in a wet sclerophyll forest. 2019 , 134, 62-71		8
583	Distinct isoforms of Nrf1 diversely regulate different subsets of its cognate target genes. <i>Scientific Reports</i> , 2019 , 9, 2960	4.9	13
582	Phosphorus source driving the soil microbial interactions and improving sugarcane development. <i>Scientific Reports</i> , 2019 , 9, 4400	4.9	17

581	From Antimicrobial to Anticancer Peptides: The Transformation of Peptides. 2019 , 14, 70-84		18
580	Traditional Fermented Beverages in Mexico. 2019 , 605-635		11
579	Desulfovibrio alaskensis prophages and their possible involvement in the horizontal transfer of genes by outer membrane vesicles. 2019 , 703, 50-57		5
578	Bacterial disease induced changes in fungal communities of olive tree twigs depend on host genotype. <i>Scientific Reports</i> , 2019 , 9, 5882	4.9	22
577	Integrating anaerobic co-digestion of dairy manure and food waste with cultivation of edible mushrooms for nutrient recovery. 2019 , 285, 121312		17
576	Biochar-based materials and their applications in removal of organic contaminants from wastewater: state-of-the-art review. 2019 , 1, 45-73		153
575	Optimization of a Novel Vegetable Nursery Substrate Using Date Palm Wastes Peat and Indigenous Arbuscular Mycorrhizal Fungi. <i>Communications in Soil Science and Plant Analysis</i> , 2019 , 50, 959-973	1.5	
574	Old world and new world wine concepts of terroir and wine: perspectives of three renowned non-French wine makers. 2019 , 30, 122-143		7
573	Enrichment of phosphate solubilizing bacteria during late developmental stages of eggplant (<i>Solanum melongena</i> L.). 2019 , 95,		17
572	Phenotypic and molecular characterisations of carbapenem-resistant strains isolated in Madagascar. 2019 , 8, 31		12
571	Yeast Expression Systems: Overview and Recent Advances. 2019 , 61, 365-384		61
570	Protective effect of mulberry (<i>Morus atropurpurea</i>) fruit against diphenoxylate-induced constipation in mice through the modulation of gut microbiota. <i>Food and Function</i> , 2019 , 10, 1513-1528	6.1	31
569	Rare gut microbiota associated with breeding success, hormone metabolites and ovarian cycle phase in the critically endangered eastern black rhino. 2019 , 7, 27		35
568	Role and management of soil biodiversity for food security and nutrition; where do we stand?. 2019 , 20, 132-144		55
567	Intracellular biosynthesis of melatonin and other indolic compounds in <i>Saccharomyces</i> and non- <i>Saccharomyces</i> wine yeasts. 2019 , 245, 1553-1560		11
566	The anti-bacterial iron-restriction defence mechanisms of egg white; the potential role of three lipocalin-like proteins in resistance against <i>Salmonella</i> . 2019 , 32, 453-467		8
565	The potential of biotechnology for mitigation of greenhouse gasses effects: solutions, challenges, and future perspectives. 2019 , 12, 1		3
564	Community richness of amphibian skin bacteria correlates with bioclimate at the global scale. 2019 , 3, 381-389		37

563	Natural Products from Endophytic Fungi: Synthesis and Applications. 2019 , 83-103		3
562	Acute lung injury and repair induced by single exposure of in immunocompetent mice. <i>Future Microbiology</i> , 2019 , 14, 1511-1525	2.9	3
561	Patients with carbapenem-resistant Enterobacteriaceae in emergency room; is this a real problem?. <i>Future Microbiology</i> , 2019 , 14, 1527-1530	2.9	0
560	Carotenoids produced by halophilic bacterial strains on mural paintings and laboratory conditions. 2019 , 366,		7
559	Screening and quantification of anti-quorum sensing and antibiofilm activities of phyllosphere bacteria against biofilm forming bacteria. 2019 , 12, 732		6
558	Production of phosphorus biofertilizer based on the renewable materials in large laboratory scale. 2019 , 17, 893-901		3
557	Protocol optimization for a fast, simple and economical chemical reduction synthesis of antimicrobial silver nanoparticles in non-specialized facilities. 2019 , 12, 773		14
556	Characterization of antibiotic resistance genes in the species of the rumen microbiota. 2019 , 10, 5252		24
555	Identifying human-induced influence on microbial community: A comparative study in the effluent-receiving areas in Hangzhou Bay. 2019 , 13, 1		6
554	Distribution characteristics and noncarcinogenic risk assessment of culturable airborne bacteria and fungi during winter in Xinxiang, China. 2019 , 26, 36698-36709		11
553	Anticandidal agent for multiple targets: the next paradigm in the discovery of proficient therapeutics/overcoming drug resistance. 2019 , 11, 2955-2974		4
552	Distinctive tasks of different cyanobacteria and associated bacteria in carbon as well as nitrogen fixation and cycling in a late stage Baltic Sea bloom. <i>PLoS ONE</i> , 2019 , 14, e0223294	3.7	5
551	Effects of nutrient level and planting density on population relationship in soybean and wheat intercropping populations. <i>PLoS ONE</i> , 2019 , 14, e0225810	3.7	6
550	Defining the root endosphere and rhizosphere microbiomes from the World Olive Germplasm Collection. <i>Scientific Reports</i> , 2019 , 9, 20423	4.9	31
549	Encapsulation of bacteriophage T4 in mannitol-alginate dry macrospheres and survival in simulated gastrointestinal conditions. <i>LWT - Food Science and Technology</i> , 2019 , 99, 238-243	5.4	4
548	Synergistic Antibacterial Efficiency of Bacteriocin and Silver Nanoparticles Produced by Probiotic <i>Lactobacillus paracasei</i> Against Multidrug Resistant Bacteria. 2019 , 25, 1113-1125		15
547	Microbial metal-sulfide oxidation in inactive hydrothermal vent chimneys suggested by metagenomic and metaproteomic analyses. 2019 , 21, 682-701		20
546	Genome editing of lactic acid bacteria: opportunities for food, feed, pharma and biotech. 2019 , 366,		39

545	The soda lakes of Nhecolândia: A conservation opportunity for the Pantanal wetlands. 2019 , 17, 9-18	7
544	Palaeocene–Eocene Thermal Maximum prolonged by fossil carbon oxidation. 2019 , 12, 54-60	33
543	Single-nucleotide-resolution mapping of DNA gyrase cleavage sites across the Escherichia coli genome. 2019 , 47, 1373-1388	20
542	Antibacterial activity of Discaria americana Gillies ex Hook (Rhamnaceae). 2019 , 239, 111635	4
541	Combining potentially incompatible community datasets when harmonizing forest inventories in subarctic Alaska, USA. 2019 , 30, 18-29	2
540	Silibinin attenuates Streptococcus suis serotype 2 virulence by targeting suilysin. 2019 , 126, 435-442	2
539	From extraction of valuable compounds to health promoting benefits of olive leaves through bioaccessibility, bioavailability and impact on gut microbiota. 2019 , 83, 63-77	42
538	Analysis of cultivable aerobic bacterial community composition and screening for facultative sulfate-reducing bacteria in marine corrosive steel. 2019 , 37, 600-614	7
537	Newly isolated microorganisms with potential application in biotechnology. 2019 , 37, 319-339	36
536	Investigation of graded levels of soybean meal diets for red drum, Sciaenops ocellatus, using quantitative PCR derived biomarkers. 2019 , 29, 274-285	3
535	Heteropolysaccharide-producing bifidobacteria for the development of functional dairy products. <i>LWT - Food Science and Technology</i> , 2019 , 102, 295-303	5-4 4
534	Nanomaterials for Drug Delivery: Recent Developments in Spectroscopic Characterization. 2019 , 281-336	1
533	Relationship Between Oligosaccharides and Glycoconjugates Content in Human Milk and the Development of the Gut Barrier. 2019 , 18, 121-139	13
532	Enhanced Resistance to Fungal Pathogens Through Selective Utilization of Useful Microbial Genes. 2019 , 87-93	2
531	Antibiotic resistance genes distribution in microbiomes from the soil-plant-fruit continuum in commercial Lycopersicon esculentum fields under different agricultural practices. <i>Science of the Total Environment</i> , 2019 , 652, 660-670	10.2 37
530	Two kinds of authigenic xenotime overgrowths in response to an Early Paleozoic tectonothermal event in South China. 2019 , 172, 423-442	6
529	Plant Growth-Promoting Rhizobacteria: Diversity and Applications. 2019 , 129-173	35
528	Reduced skin bacterial diversity correlates with increased pathogen infection intensity in an endangered amphibian host. 2019 , 28, 127-140	17

527	Microgreens-A review of food safety considerations along the farm to fork continuum. 2019 , 290, 76-85		28
526	Grazing practices affect the soil microbial community composition in a Tibetan alpine meadow. 2019 , 30, 49-59		41
525	Opening the Black Box of Thermophilic Autotrophic Bacterial Diversity. 2019 , 333-343		1
524	Functional Diversity of Bacterial Strategies to Cope With Metal Toxicity. 2019 , 409-426		4
523	Exploring Microbial Diversity and Function in Petroleum Hydrocarbon Associated Environments Through Omics Approaches. 2019 , 171-194		5
522	Vibriosis in Fish: A Review on Disease Development and Prevention. 2019 , 31, 3-22		124
521	Dried date paste as carrier of the proposed probiotic <i>Bacillus coagulans</i> BC4 and viability assessment during storage and simulated gastric passage. <i>LWT - Food Science and Technology</i> , 2019 , 99, 197-201	5-4	22
520	Revisiting an old idea: engineering against vector-borne diseases in the domestic environment. 2019 , 113, 53-55		3
519	YEAST PANEL multiplex PCR for identification of clinically important yeast species: stepwise diagnostic strategy, useful for developing countries. 2019 , 93, 112-119		32
518	Prokaryotic niche partitioning between suspended and sinking marine particles. 2019 , 11, 386-400		31
517	Molecular Techniques for Diagnosis of Bacterial Plant Pathogens. 2019 , 481-497		5
516	Molecular analysis of methanogen populations and their interactions within anaerobic sludge digesters. 2019 , 40, 2864-2879		3
515	Non-digestible carbohydrates in infant formula as substitution for human milk oligosaccharide functions: Effects on microbiota and gut maturation. 2019 , 59, 1486-1497		65
514	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. 2020 , 38, 107316		121
513	Human disturbance affects enzyme activity, microbial biomass and organic carbon in tropical dry sub-humid pasture and forest soils. <i>Archives of Agronomy and Soil Science</i> , 2020 , 66, 458-472	2	4
512	Partial Evaluation of Autochthonous Probiotic Potential of the Gut Microbiota of <i>Seriola lalandi</i> . 2020 , 12, 672-682		5
511	Anti-biofilm activity of a semi-synthetic molecule obtained from resveratrol against <i>Candida albicans</i> biofilm. 2020 , 58, 530-542		4
510	Brackish Groundwater from Brazilian Backlands in <i>Spirulina</i> Cultures: Potential of Carbohydrate and Polyunsaturated Fatty Acid Production. 2020 , 190, 907-917		8

509	Validation of radio frequency assisted traditional thermal processing for pasteurization of powdered infant formula milk. 2020 , 109, 106897		21
508	Protective effect on wood by metabolic extracts from plant growth-promoting rhizobacteria against decay fungi. 2020 , 52, 164-165		1
507	Microbiologically influenced corrosion of 304L stainless steel caused by an alga associated bacterium <i>Halomonas titanicae</i> . 2020 , 37, 200-206		26
506	The antimicrobial activity of coenzyme Q against planktonic and biofilm forms of <i>Cronobacter sakazakii</i> . <i>Food Microbiology</i> , 2020 , 86, 103337	6	20
505	Pectin degrading enzymes and their inhibitors in brined amla (<i>Phyllanthus emblica</i>) and lemon (<i>Citrus limon</i> (L.) fruits during storage. 2020 , 14, 95-105		2
504	Niche partitioning of methane-oxidizing bacteria along the oxygen-methane counter gradient of stratified lakes. <i>ISME Journal</i> , 2020 , 14, 274-287	11.9	22
503	Evaluation of indigenous non- <i>Saccharomyces</i> yeasts isolated from a South Australian vineyard for their potential as wine starter cultures. 2020 , 312, 108373		23
502	Virulence and antimicrobial resistance profiles of <i>Escherichia coli</i> encoding <i>mcr</i> gene from diarrhoeic weaned piglets in Korea during 2007-2016. 2020 , 20, 324-327		6
501	Early Life Stages of a Common Broadcast Spawning Coral Associate with Specific Bacterial Communities Despite Lack of Internalized Bacteria. 2020 , 79, 706-719		16
500	Attenuation Effects of Bulk and Nanosized ZnO on Glucose, Lipid Level, and Inflammation Profile in Obese Mice. 2020 , 190, 475-486		3
499	Melanin biosynthesis in the desert-derived <i>Aureobasidium melanogenum</i> XJ5-1 is controlled mainly by the CWI signal pathway via a transcriptional activator <i>Cmr1</i> . 2020 , 66, 173-185		8
498	Evaluation of phage therapy in the treatment of <i>Staphylococcus aureus</i> -induced mastitis in mice. 2020 , 65, 339-351		25
497	Identification of Proteolytic Thermophiles from Moinit Coastal Hot-Spring, North Sulawesi, Indonesia. 2020 , 37, 50-58		8
496	A multi-scale analysis of the effect of complex viscoelastic models on <i>Listeria</i> dynamics and adaptation in co-culture systems. 2020 , 66, e16761		6
495	Phosphates solubilization, indol-3-acetic acid and siderophores production by <i>Beauveria brongniartii</i> and its effect on growth and fruit quality of <i>Capsicum chinense</i> . 2020 , 95, 235-246		6
494	Mycelium bio-composites in industrial design and architecture: Comparative review and experimental analysis. 2020 , 246, 119037		45
493	Effects of exogenous lanthanum(III) exposure on the positive interaction between mutually beneficial populations. <i>Chemosphere</i> , 2020 , 242, 125142	8.4	1
492	Transcriptional patterns of <i>Emiliania huxleyi</i> in the North Pacific Subtropical Gyre reveal the daily rhythms of its metabolic potential. 2020 , 22, 381-396		7

491	B-1 lymphocytes are able to produce IL-10, but is not pathogenic during Leishmania (Leishmania) amazonensis infection. 2020 , 225, 151857		5
490	Histamine forming behaviour of bacterial isolates from aged cheese. 2020 , 128, 108719		12
489	Production of fungal and bacterial pigments and their applications. 2020 , 327-361		14
488	A review: organic matter and ammonia removal by biological activated carbon filtration for water and wastewater treatment. 2020 , 17, 591-606		13
487	Antioxidant response mechanism of freshwater microalgae species to reactive oxygen species production: a mini review. 2020 , 36, 174-193		24
486	Probiotics for the treatment of type 2 diabetes: A review of randomized controlled trials. 2020 , 36, e3213		26
485	Potential Applications of Nanofibers in Beverage Industry. 2020 , 333-368		3
484	Cell wall hydrolase as a surface-associated protein target for the specific detection of <i>Lactobacillus rhamnosus</i> using flow cytometry. <i>Innovative Food Science and Emerging Technologies</i> , 2020 , 59, 102240	6.8	2
483	Inter-breed diversity and temporal dynamics of the faecal microbiota in healthy horses. 2020 , 137, 103-120		12
482	High quantities of multidrug-resistant <i>Escherichia coli</i> are present in the Machángara urban river in Quito, Ecuador. 2020 , 18, 67-76		8
481	A cross-region transfer learning method for classification of community service cases with small datasets. 2020 , 193, 105390		5
480	High fat diet incorporated with meat proteins changes biomarkers of lipid metabolism, antioxidant activities, and the serum metabolomic profile in <i>Glx1</i> mice. <i>Food and Function</i> , 2020 , 11, 236-252	6.1	11
479	Translating 'big data': better understanding of host-pathogen interactions to control bacterial foodborne pathogens in poultry. 2020 , 21, 15-35		6
478	Microvesicles from <i>Lactobacillus reuteri</i> (DSM-17938) completely reproduce modulation of gut motility by bacteria in mice. <i>PLoS ONE</i> , 2020 , 15, e0225481	3.7	17
477	Biogas optimisation processes and effluent quality: A review. 2020 , 133, 105449		25
476	Generic and Shiga toxin-producing <i>Escherichia coli</i> (O157:H7) contamination of lettuce and radish microgreens grown in peat moss and perlite. 2020 , 111, 107079		8
475	Camel milk whey hydrolysate inhibits growth and biofilm formation of <i>Pseudomonas aeruginosa</i> PAO1 and methicillin-resistant <i>Staphylococcus aureus</i> . 2020 , 111, 107056		22
474	Succession of bacterial community and methanotrophy during lake shrinkage. 2020 , 20, 1545-1557		7

473	An efficacious synthesis of N-1 ⁴ C-3 ⁴ H substituted indole derivatives and their antimicrobial studies. 2020 , 57, 428-435	12
472	In vitro rumen fermentation of diets with different types of condensed tannins derived from sainfoin (<i>Onobrychis viciifolia</i> Scop.) pellets and hazelnut (<i>Corylus avellana</i> L.) pericarps. 2020 , 259, 114357	12
471	Gamma-aminobutyric acid and probiotics: Multiple health benefits and their future in the global functional food and nutraceuticals market. 2020 , 64, 103669	51
470	Occurrence of carbapenemase-producing Enterobacteriaceae in a Portuguese river: bla, bla and bla among the detected genes. 2020 , 260, 113913	21
469	Comprehensive identification and quantification of unexploited phenolic compounds from red and yellow aral ⁴ (<i>Psidium cattleianum</i> Sabine) by LC-DAD-ESI-MS/MS. 2020 , 131, 108978	5
468	Proteomic profiling of salmon skin mucus for the comparison of sampling methods. 2020 , 1138, 121965	6
467	Electrochemical evaluation of iron-binding ligands along the Australian GEOTRACES southwestern Pacific section (GP13). 2020 , 219, 103736	5
466	Ecofriendly Synthesis of Silver Nanoparticles and Their Effects on Early Growth and Cell Division in Roots of Green Pea (<i>Pisum sativum</i> L.). 2020 , 72, 113-127	8
465	Cholera and Noncholera Vibrios. 2020 , 493-496	
464	Microbial community at transcription level in the synergy of GAOs and Candidatus Accumulibacter for saving carbon source in wastewater treatment. 2020 , 297, 122454	5
463	Microbial Methane From Methylphosphonate Isotopically Records Source. 2020 , 47, e2019GL085872	7
462	Analysis of the effects of storage temperature and contamination on aerobic bacterial culture results of bronchoalveolar lavage fluid. 2020 , 34, 160-165	2
461	Small RNA profiling analysis of two recombinant strains of potato virus Y in infected tobacco plants. 2020 , 288, 198125	2
460	Biochar amendment increases bacterial diversity and vegetation cover in trace element-polluted soils: A long-term field experiment. 2020 , 150, 108014	8
459	Physiological characterisation of coprophilous fungal isolates that behave as plant root associates. 2020 , 58, 748	2
458	Prevalence and risk factors of Salmonella in commercial poultry farms in Nigeria. <i>PLoS ONE</i> , 2020 , 15, e0238190	3-7 6
457	The use of low-cost brewery waste product for the production of surfactin as a natural microbial biocide. 2020 , 28, e00537	5
456	antibacterial activities and molecular characterization of bacterial species isolated from farmlands against selected pathogens. 2020 , 27, e00513	1

455	Recovery of Biosurfactant Using Different Extraction Solvent by Rhizospheric Bacteria Isolated from Rice-husk and Poultry Waste Biochar Amended Soil. 2020 , 7, 252-266	3
454	Synthesis, morphological analysis, antibacterial activity of iron oxide nanoparticles and the cytotoxic effect on lung cancer cell line. 2020 , 6, e04953	16
453	Monascus vinegar-mediated alternation of gut microbiota and its correlation with lipid metabolism and inflammation in hyperlipidemic rats. 2020 , 74, 104152	7
452	The C-terminal region of the 2a protein and 2b protein of cucumber mosaic virus are involved in the induction of shoestring-like leaf blade in tomato. 2020 , 289, 198172	
451	Evidence of Zika virus horizontal and vertical transmission in from Spain but not infectious virus in saliva of the progeny. 2020 , 9, 2236-2244	2
450	Structure and co-occurrence patterns of bacterial communities associated with white faeces disease outbreaks in Pacific white-leg shrimp <i>Penaeus vannamei</i> aquaculture. <i>Scientific Reports</i> , 2020 , 10, 11980	4.9 9
449	High diversity of <i>Vibrio</i> spp. associated with different ecological niches in a marine aquaria system and description of <i>Vibrio aquimaris</i> sp. nov. 2020 , 43, 126123	3
448	The potential of mixed epibiotic (binahong leaves, anrederacordifolia, and garlic, <i>allium sativum</i> , extracts) as a feed additive to combat aeromonashydrophilainfection on catfish (<i>clariasgariepinus</i>). 2020 , 1524, 012063	
447	Improving laccase thermostability with aqueous natural deep eutectic solvents. 2020 , 163, 919-926	16
446	Characterization of serum cytokines and circulating microRNAs that are predicted to regulate inflammasome genes in cutaneous leishmaniasis patients. 2020 , 210, 107846	7
445	Structural and functional insights of STAT2-NS5 interaction for the identification of NS5 antagonist - An approach for restoring interferon signaling. 2020 , 88, 107332	1
444	Photosynthetic Sponge-associated Eukaryotes in the Aegean Sea: A Culture-dependent Approach. 2020 , 67, 660-670	0
443	Changes in the transcriptome, ploidy, and optimal light intensity of a cryptomonad upon integration into a kleptoplastic dinoflagellate. <i>ISME Journal</i> , 2020 , 14, 2407-2423	11.9 7
442	A novel biodegradable film based on E carrageenan activated with olive leaves extract. 2020 , 8, 3147-3156	11
441	High-throughput laboratory evolution reveals evolutionary constraints in <i>Escherichia coli</i> . 2020 , 11, 5970	9
440	pv. Identified on Common Weedy Grasses in Naturally Infected Wheat Fields in Minnesota. 2021 , 111, 1114-1121	0
439	Traditional Herbal Remedies with a Multifunctional Therapeutic Approach as an Implication in COVID-19 Associated Co-Infections. 2020 , 10, 761	17
438	High throughput shotgun sequencing of eRNA reveals taxonomic and derived functional shifts across a benthic productivity gradient. 2021 , 30, 3023-3039	6

437	Ecotoxicological effects of alpha-cypermethrin on freshwater alga <i>Chlorella</i> sp.: Growth inhibition and oxidative stress studies. 2020 , 76, 103347		10
436	Combination drug therapy for multimodal treatment of cancer by targeting mitochondrial transcriptional pathway: An in-silico approach. 2020 , 143, 110075		2
435	Interactions between functionalised silica nanoparticles and <i>Pseudomonas fluorescens</i> biofilm matrix: A focus on the protein corona. <i>PLoS ONE</i> , 2020 , 15, e0236441	3-7	2
434	Single amino acid change at position 255 in rabies virus glycoprotein decreases viral pathogenicity. 2020 , 34, 9650-9663		4
433	Mathematical modelling and validation of <i>Salmonella enterica</i> growth in sushi exposed to different time-temperature scenarios found in real sushi establishments. 2020 , 136, 109609		1
432	Coupling iron pretreatment with a constructed wetland-microbial fuel cell to improve wastewater purification and bioelectricity generation. 2020 , 276, 123301		16
431	Survey of rumen microbiota of domestic grazing yak during different growth stages revealed novel maturation patterns of four key microbial groups and their dynamic interactions. 2020 , 2, 23		7
430	Effect of increasing oxygen partial pressure on <i>Saccharomyces cerevisiae</i> growth and antioxidant and enzyme productions. 2020 , 104, 7815-7826		1
429	Depuration processes affect the <i>Vibrio</i> community in the microbiota of the Manila clam, <i>Ruditapes philippinarum</i> . 2020 , 22, 4456-4472		2
428	A rigorous assessment and comparison of enumeration methods for environmental viruses. <i>Scientific Reports</i> , 2020 , 10, 18625	4-9	8
427	Study on the community structure and function of symbiotic bacteria from different growth and developmental stages of <i>Hypsizygus marmoreus</i> . 2020 , 20, 311		5
426	Assessment of in vitro anthelmintic activity and bio-guided chemical analysis of BRS Boyr pineapple leaf extracts. 2020 , 285, 109219		1
425	Synthesis and structural properties characterization of titania/zirconia/calcium silicate nanocomposites for biomedical applications. 2020 , 126, 1		10
424	Comparative genomic analysis of a Shiga toxin-producing <i>Escherichia coli</i> (STEC) O145:H25 associated with a severe pediatric case of hemolytic uremic syndrome in Davidson County, Tennessee, US. 2020 , 21, 564		1
423	New insights on improved growth and biogas production potential of <i>Chlorella pyrenoidosa</i> through intermittent iron oxide nanoparticle supplementation. <i>Scientific Reports</i> , 2020 , 10, 14119	4-9	17
422	Environmental gut bacteria in European honey bees (<i>Apis mellifera</i>) from Australia and their relationship to the chalkbrood disease. <i>PLoS ONE</i> , 2020 , 15, e0238252	3-7	5
421	Microbial high throughput phenomics: The potential of an irreplaceable omics. 2020 , 18, 2290-2299		10
420	Antioxidant, anti-quorum sensing, biofilm inhibitory activities and chemical composition of Patchouli essential oil: and approach. 2020 , 1-12		6

419	Petrographic and rare earth elemental characteristics of Cambrian Girvanella oncoids exposed in the North China Platform: Constraints on forming mechanism, REE sources, and paleoenvironments. 2020 , 13, 1		4
418	Does the Future of Antibiotics Lie in Secondary Metabolites Produced by Xenorhabdus spp.? A Review. 2020 , 12, 1310-1320		3
417	Diversity of bacterial and fungal endophytes in maize and their larvicidal effect against the spotted stem borer Chilo partellus. <i>Biocontrol Science and Technology</i> , 2020 , 30, 1250-1267	1.7	1
416	Various Facets of Pathogenic Lipids in Infectious Diseases: Exploring Virulent Lipid-Host Interactome and Their Druggability. 2020 , 253, 399-423		9
415	Novel research on nanocellulose production by a marine Bacillus velezensis strain SMR: a comparative study. <i>Scientific Reports</i> , 2020 , 10, 14202	4.9	5
414	Identifying Community Fire Hazards from Citizen Communication by Applying Transfer Learning and Machine Learning Techniques. 2020 , 1		2
413	Comprehensive genome based analysis of Vibrio parahaemolyticus for identifying novel drug and vaccine molecules: Subtractive proteomics and vaccinomics approach. <i>PLoS ONE</i> , 2020 , 15, e0237181	3.7	7
412	Characterization of two GH5 endoglucanases from termite microbiome using synthetic metagenomics. 2020 , 104, 8351-8366		3
411	Copper sulfide nanoparticles suppress Gibberella fujikuroi infection in rice (Oryza sativa L.) by multiple mechanisms: contact-mortality, nutritional modulation and phytohormone regulation. 2020 , 7, 2632-2643		16
410	Effects of set cathode potentials on microbial electrosynthesis system performance and biocathode methanogen function at a metatranscriptional level. <i>Scientific Reports</i> , 2020 , 10, 19824	4.9	2
409	Comparative genomics of species and identification of putative pathogenic-gene determinants. <i>Future Microbiology</i> , 2020 , 1465-1481	2.9	1
408	Effect of Terminalia catappa methanol leaf extract on nonspecific innate immune responses and disease resistance of red hybrid tilapia against Streptococcus agalactiae. 2020 , 18, 100555		4
407	Genotype and host microbiome alter competitive interactions between Microcystis aeruginosa and Chlorella sorokiniana. <i>Harmful Algae</i> , 2020 , 99, 101939	5.3	9
406	Hydrothermal areas, microbial mats and sea grass in Paleochori Bay, Milos, Greece. 2020 , 16, 348-356		3
405	Enhancing curcumin's solubility and antibiofilm activity via silica surface modification. 2020 , 2, 1694-1708		14
404	Magnetic field enhanced denitrification efficiency of immobilized bacterial particles. 2020 , 81, 622-629		3
403	Dietary SWF \square enhanced growth performance and disease resistance in hybrid sturgeon (Acipenser baerii x Acipenser schrenckii) mediated by the gut microbiota. 2020 , 17, 100346		2
402	Effect of single amino acid addition on growth kinetics and flavor modulation by Torulaspora delbrueckii in soy (tofu) whey alcoholic beverage fermentation. 2020 , 135, 109283		11

401	Cetylpyridinium chloride blocks herpes simplex virus replication in gingival fibroblasts. 2020 , 179, 104818		8
400	Plasmid-Encoded Gene That Confers High-Level Carbapenem Resistance in Typhimurium of Pork Origin. 2020 , 13, 1485-1490		5
399	Nanotechnological interventions for treatment of trypanosomiasis in humans and animals. 2020 , 10, 945-961		6
398	Langsdorffia: Creatures from the deep?. 2020 , 2, 181-185		5
397	Rapid visual detection of <i>Vibrio parahaemolyticus</i> in seafood samples by loop-mediated isothermal amplification with hydroxynaphthol blue dye. 2020 , 36, 76		8
396	Effects of single and multiple species inocula of arbuscular mycorrhizal fungi on the salinity tolerance of a Bangladeshi rice (<i>Oryza sativa</i> L.) cultivar. 2020 , 30, 431-444		13
395	Optimizing 16S rRNA gene profile analysis from low biomass nasopharyngeal and induced sputum specimens. 2020 , 20, 113		7
394	Plant extract mediated synthesis enhanced the functional properties of silver ferrite nanoparticles over chemical mediated synthesis. 2020 , 26, e00469		15
393	Promoting mechanism of electronic shuttle for bioavailability of Fe(III) oxide and its environmental significance. 2020 , 20, 1157-1166		0
392	Transcriptome analysis of Catarina scallop (<i>Argopecten ventricosus</i>) juveniles treated with highly-diluted immunomodulatory compounds reveals activation of non-self-recognition system. <i>PLoS ONE</i> , 2020 , 15, e0233064	3-7	5
391	Single-cell amplicon sequencing reveals community structures and transmission trends of protist-associated bacteria in a termite host. <i>PLoS ONE</i> , 2020 , 15, e0233065	3-7	2
390	Contending charcoal rot disease of mungbean by employing biocontrol and zinc. 2020 , 26, 1385-1397		2
389	Orally hypoglycemic activity of an insulin mimetic glycoprotein isolated from <i>Cnidoscopus quercifolius</i> Pohl. (Euphorbiaceae) seeds, Cq-IMP. 2020 , 159, 886-895		1
388	Assessment of socio-demographic factors, health status and the knowledge on probiotic dairy products. 2020 , 9, 272-279		17
387	Use of a paraprobiotic and postbiotic feed supplement (HWF [®]) improves the growth performance, composition and function of gut microbiota in hybrid sturgeon (<i>Acipenser baerii</i> x <i>Acipenser schrenckii</i>). 2020 , 104, 36-45		19
386	Multifunctional copper polymer-based nanocomposite for environmental and agricultural applications. 2020 , 189-211		5
385	Biochar alters nitrogen and phosphorus dynamics in a western rangeland ecosystem. 2020 , 148, 107868		18
384	Nanopore sequencing reveals genomic map of CTX-M-type extended-spectrum β -lactamases carried by <i>Escherichia coli</i> strains isolated from blue mussels (<i>Mytilus edulis</i>) in Norway. 2020 , 20, 134		4

383	The skin microbiome of elasmobranchs follows phylosymbiosis, but in teleost fishes, the microbiomes converge. 2020 , 8, 93		15
382	Characterization of the microbiota of commercially traded finfish fillets. 2020 , 137, 109373		3
381	Phase composition, sinterability and bioactivity of amorphous nano-CaO-SiO ₂ -CuO powder synthesized by sol-gel technique. 2020 , 46, 24462-24471		9
380	A prebiotic-enhanced lipid-based nutrient supplement (LNSp) increases Bifidobacterium relative abundance and enhances short-chain fatty acid production in simulated colonic microbiota from undernourished infants. 2020 , 96,		2
379	Short-chain fructo-oligosaccharides supplementation to suckling piglets: Assessment of pre- and post-weaning performance and gut health. <i>PLoS ONE</i> , 2020 , 15, e0233910	3-7	5
378	Bioactive compound analysis and antioxidant activity of endophytic bacterial extract from Noni fruits (<i>Morinda citrifolia</i> L.). 2020 , 475, 012077		1
377	Identification and characterization of differentially expressed genes in <i>Caenorhabditis elegans</i> in response to pathogenic and nonpathogenic <i>Stenotrophomonas maltophilia</i> . 2020 , 20, 170		2
376	Phage vB_BveM-Goe7 represents a new genus in the subfamily Bastillevirinae. 2020 , 165, 959-962		0
375	The chemical warfare involved in endophytic microorganisms-plant associations. 2020 , 125-159		2
374	Some probiotic potential of <i>Weissella confusa</i> MD1 and <i>Weissella cibaria</i> MD2 isolated from fermented batter. <i>LWT - Food Science and Technology</i> , 2020 , 125, 109261	5-4	14
373	Agriculture and the Disruption of Plant-Microbial Symbiosis. 2020 , 35, 426-439		32
372	Disentangling the assembly mechanisms of ant cuticular bacterial communities of two Amazonian ant species sharing a common arboreal nest. 2020 , 29, 1372-1385		4
371	Gut microbiome shifts with urbanization and potentially facilitates a zoonotic pathogen in a wading bird. <i>PLoS ONE</i> , 2020 , 15, e0220926	3-7	28
370	Toxicity of UV filters on marine bacteria: Combined effects with damaging solar radiation. <i>Science of the Total Environment</i> , 2020 , 722, 137803	10.2	14
369	Impact of contraception and IVF hormones on metabolic, endocrine, and inflammatory status. 2020 , 37, 1267-1272		6
368	Spoilage potential of a heat-stable lipase produced by <i>Serratia liquefaciens</i> isolated from cold raw milk. <i>LWT - Food Science and Technology</i> , 2020 , 126, 109289	5-4	5
367	Sulfidization processes in seasonally hypoxic shelf sediments: A study off the West coast of India. 2020 , 117, 104353		8
366	Hydrogel bacterial cellulose: a path to improved materials for new eco-friendly textiles. 2020 , 27, 5353-5365		41

365	Study of susceptibility to antibiotics and molecular characterization of high virulence <i>Staphylococcus aureus</i> strains isolated from a rural hospital in Ethiopia. <i>PLoS ONE</i> , 2020 , 15, e0230031	3.7	4
364	Comparative inhibitory effects of 4-allylpyrocatechol isolated from Piper beetle on <i>Streptococcus intermedius</i> , <i>Streptococcus mutans</i> , and <i>Candida albicans</i> . 2020 , 113, 104690		8
363	Dominant resistance and negative epistasis can limit the co-selection of de novo resistance mutations and antibiotic resistance genes. 2020 , 11, 1199		9
362	Effect of honey phenolic extract on biofilm formation by <i>Pediococcus pentosaceus</i> and <i>Lactobacillus fermentum</i> . <i>LWT - Food Science and Technology</i> , 2020 , 131, 109782	5.4	1
361	Revealing antimicrobial resistance in stormwater with MinION. <i>Chemosphere</i> , 2020 , 258, 127392	8.4	7
360	Fluorescence-based bioassays with dose-response curve and relative potency in measuring algicidal virulence of <i>Bacillus</i> sp. B1 exudates against <i>Heterosigma akashiwo</i> . <i>Science of the Total Environment</i> , 2020 , 724, 137691	10.2	2
359	Bacterial assembly during the initial adhesion phase in wastewater treatment biofilms. 2020 , 184, 116147		12
358	Heritability and genome-wide association of swine gut microbiome features with growth and fatness parameters. <i>Scientific Reports</i> , 2020 , 10, 10134	4.9	23
357	Screening for polar lipids, antioxidant, and anti-inflammatory activities of <i>Gloeotheca</i> sp. lipid extracts pursuing new phytochemicals from cyanobacteria. 2020 , 32, 3015-3030		15
356	Bacterial vertical and horizontal variability around a deep seamount in the Tropical Western Pacific Ocean. 2020 , 158, 111419		6
355	Performance of nickel-iron foam (Ni-Fe) cathode in bio-electrochemical system for hydrogen production from effluent of glucose fermentation. 2020 , 260, 114613		1
354	The potential of drug repurposing to face bacterial and fungal biofilm infections. 2020 , 307-328		2
353	Valorisation of soy by-products as substrate for food ingredients containing <i>L. casei</i> through solid state fermentation. <i>LWT - Food Science and Technology</i> , 2020 , 132, 109779	5.4	4
352	Microbialites of Great Salt Lake. 2020 , 87-118		4
351	Isolation and Identification of antifungal metabolite producing endophytic <i>Bacillus subtilis</i> (S17) and its in vitro effect on <i>Colletotrichum falcatum</i> causing red rot in sugarcane. 2020 , 33, 493-503		1
350	Synergistic effects of silver nanoparticles augmented for enhanced biocontrol efficacy against blight challenged tomato plants. <i>3 Biotech</i> , 2020 , 10, 102	2.8	19
349	Genetic associations between serum low LDL-cholesterol levels and variants in LDLR, APOB, PCSK9 and LDLRAP1 in African populations. <i>PLoS ONE</i> , 2020 , 15, e0229098	3.7	3
348	The structure of microbial populations in Nelore GIT reveals inter-dependency of methanogens in feces and rumen. 2020 , 11, 6		10

347	Production and purification of biofloculants from newly isolated bacterial species: a comparative decolourization study of cationic and anionic textile dyes. 2021 , 42, 3663-3674		5
346	<i>Leptospira</i> spp., a genus in the stage of diversity and genomic data expansion. 2020 , 81, 104241		10
345	Application of bacterial extracellular polymeric substances for detoxification of heavy metals from contaminated environment: A mini-review. 2020 , 30, 283-288		8
344	Full-scale investigation of ferrous dosing in sewers and a wastewater treatment plant for multiple benefits. <i>Chemosphere</i> , 2020 , 250, 126221	8.4	11
343	Bacterial catabolism of nicotine: Catabolic strains, pathways and modules. 2020 , 183, 109258		8
342	Synthesis of Metal/Metal Oxide Nanoparticles by Green Methods and Their Applications. 2020 , 63-81		3
341	Resistance to change: AMR gene dynamics on a commercial pig farm with high antimicrobial usage. <i>Scientific Reports</i> , 2020 , 10, 1708	4.9	13
340	The absence of intact polar lipid-derived GDGTs in marine waters dominated by Marine Group II: Implications for lipid biosynthesis in Archaea. <i>Scientific Reports</i> , 2020 , 10, 294	4.9	18
339	A potential antifungal and growth-promoting bacterium <i>Bacillus</i> sp. KTMA4 from tomato rhizosphere. 2020 , 142, 104049		13
338	<i>Sarcodon aspratus</i> polysaccharides ameliorated obesity-induced metabolic disorders and modulated gut microbiota dysbiosis in mice fed a high-fat diet. <i>Food and Function</i> , 2020 , 11, 2588-2602	6.1	16
337	Possible influence of free fatty acid receptors on pH regulation in the ruminal epithelium of sheep. 2020 , 104, 776-789		2
336	The effect of storage conditions on microbial communities in stool. <i>PLoS ONE</i> , 2020 , 15, e0227486	3.7	6
335	Microbiota in foods from Inuit traditional hunting. <i>PLoS ONE</i> , 2020 , 15, e0227819	3.7	4
334	<i>Camellia sinensis</i> and <i>Litsea coreana</i> Ameliorate Intestinal Inflammation and Modulate Gut Microbiota in Dextran Sulfate Sodium-Induced Colitis Mice. 2020 , 64, e1900943		47
333	Synthesis of curcumin quantum dots and their antimicrobial activity on necrotizing fasciitis causing bacteria. 2020 , 31, 31-35		5
332	Bacterial endophyte mediated plant tolerance to salinity: growth responses and mechanisms of action. 2020 , 36, 26		27
331	Free nitrous acid-based suppression of sulfide production in sewer sediments: In-situ effect mechanism. <i>Science of the Total Environment</i> , 2020 , 715, 136871	10.2	11
330	Influence of Organic Matter in Sorption of the Saflufenacil in Ferralsols. 2021 , 107, 263-268		2

329	Recombinant cold shock domain containing protein is a potential antigen to detect specific antibody during early and late infections of <i>Haemonchus contortus</i> in goat. <i>BMC Veterinary Research</i> , 2020 , 16, 36	2.7	1
328	Beneficial effects of sulfated polysaccharides from the red seaweed <i>Gelidium pacificum</i> Okamura on mice with antibiotic-associated diarrhea. <i>Food and Function</i> , 2020 , 11, 4625-4637	6.1	14
327	Evaluation of leonardite as a feed additive on lipid metabolism and growth of weaned piglets. 2020 , 266, 114519		8
326	Antibiotic Resistance, Sanitation, and Public Health. 2020 , 189-216		3
325	Designing a multi-species inoculant of phosphate rock-solubilizing bacteria compatible with arbuscular mycorrhizae for plant growth promotion in low-P soil amended with PR. 2020 , 56, 521-536		16
324	Phagentaxonomie in der Next Generation Sequencing-Ära. 2020 , 26, 162-164		
323	Direct detection of small molecules using a nano-molecular imprinted polymer receptor and a quartz crystal resonator driven at a fixed frequency and amplitude. 2020 , 158, 112176		17
322	Response of an aerobic granular and conventional flocculated reactors against changing feed composition from simple composition to more complex. <i>Chemosphere</i> , 2020 , 253, 126694	8.4	5
321	Cherry tomato and persimmon kaki conservation with a natural and biodegradable film. 2020 , 2, 33-40		3
320	Long-term production effects of clinical cryptosporidiosis in neonatal calves. 2020 , 50, 371-376		25
319	Progresses on bacterial secretomes enlighten research on <i>Mycoplasma</i> secretome. 2020 , 144, 104160		3
318	<i>Lactobacillus acidophilus</i> and <i>L. plantarum</i> improve health status, modulate gut microbiota and innate immune response of marron (<i>Cherax cainii</i>). <i>Scientific Reports</i> , 2020 , 10, 5916	4.9	35
317	Enhancement of mainstream nitrogen removal via simultaneous partial nitrification, anammox and denitrification by the gel entrapment technique. 2020 , 6, 767-778		3
316	Influence of organic amendments on dissipation and leaching potential of penoxsulam under laboratory conditions. 2020 , 1-13		2
315	Functional Genomics Differentiate Inherent and Environmentally Influenced Traits in Dinoflagellate and Diatom Communities. 2020 , 8,		6
314	Studies on the adhesion, aggregative properties and the probiotic efficiency of a potent bacteriocin-producing shrimp gut isolate <i>Bacillus subtilis</i> subsp. <i>inaquosorum</i> V1 against <i>Carassius auratus</i> . 2020 , 28, 1639-1656		3
313	Identifying nucleic acid-associated proteins in <i>Mycobacterium smegmatis</i> by mass spectrometry-based proteomics. 2020 , 21, 19		4
312	<i>Bacillus subtilis</i> can modulate the growth and root architecture in soybean through volatile organic compounds. 2020 , 32, 99-108		14

311	Endophytic fungi: positive association with plants. 2020 , 321-332		0
310	Probiotics, Galacto-oligosaccharides, and zinc antagonize biological effects of enterohaemorrhagic <i>Escherichia coli</i> on cultured cells and brine shrimp model. <i>LWT - Food Science and Technology</i> , 2020 , 128, 109435	5.4	3
309	Impacts of copper and lead exposure on prokaryotic communities from contaminated contrasted coastal seawaters: the influence of previous metal exposure. 2020 , 96,		4
308	Investigating the potential use of an ionic liquid (1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide) as an anti-fungal treatment against the amphibian chytrid fungus, <i>Batrachochytrium dendrobatidis</i> . <i>PLoS ONE</i> , 2020 , 15, e0231811	3.7	3
307	Variation of Microbial Diversity in Catastrophic Oil Spill Area in Marine Ecosystem and Hydrocarbon Degradation of UCMs (Unresolved Complex Mixtures) by Marine Indigenous Bacteria. 2021 , 193, 1266-1283		2
306	Trends and Impact of Nanotechnology in Agro-Food Sector. 2021 , 523-531		3
305	Prevalence of colistin-resistant <i>Escherichia coli</i> harbouring <i>mcr-1</i> in raw beef and ready-to-eat beef products in Egypt. 2021 , 119, 107436		10
304	Improving hybrid <i>Pennisetum</i> growth and cadmium phytoremediation potential by using <i>Bacillus megaterium</i> BM18-2 spores as biofertilizer. 2021 , 242, 126594		7
303	Food or just a free ride? A meta-analysis reveals the global diversity of the Plastisphere. <i>ISME Journal</i> , 2021 , 15, 789-806	11.9	37
302	<i>Toxoplasma gondii</i> . 2021 , 227-232.e3		
301	In vitro and in situ abrogation of biofilm formation in <i>E. coli</i> by vitamin C through ROS generation, disruption of quorum sensing and exopolysaccharide production. 2021 , 341, 128171		17
300	Phylogeny resolved, metabolism revealed: functional radiation within a widespread and divergent clade of sponge symbionts. <i>ISME Journal</i> , 2021 , 15, 503-519	11.9	7
299	Liposomal Encapsulation of Oleuropein and an Olive Leaf Extract: Molecular Interactions, Antioxidant Effects and Applications in Model Food Systems. 2021 , 16, 84-97		11
298	Acne in the first three decades of life: An update of a disorder with profound implications for all decades of life. 2021 , 67, 101103		10
297	Multifaceted applications of probiotic <i>Bacillus</i> species in aquaculture with special reference to <i>Bacillus subtilis</i> . 2021 , 13, 862-906		17
296	Effect of different glucogenic to lipogenic nutrient ratios on rumen fermentation and bacterial community in vitro. 2021 , 130, 1868-1882		2
295	Organic and inorganic model soil fractions instigate the formation of distinct microbial biofilms for enhanced biodegradation of benzo[a]pyrene. 2021 , 404, 124071		8
294	Mass spectrometry characterization of <i>Commiphora leptophloeos</i> leaf extract and preclinical evaluation of toxicity and anti-inflammatory potential effect. 2021 , 264, 113229		9

293	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. 2021 , 1, 142-165	15
292	Characterization of the bacterial microbiomes of social amoebae and exploration of the roles of host and environment on microbiome composition. 2021 , 23, 126-142	5
291	Worldwide prevalence of emerging parasite <i>Blastocystis</i> in immunocompromised patients: A systematic review and meta-analysis. 2021 , 152, 104615	5
290	Microbial structure of carbon source utilization in rice rhizosphere and non-rhizosphere soils with different short-term tillage management. 2021 , 32, 1570-1580	0
289	Enhancing acetic acid and 5-hydroxymethyl furfural tolerance of <i>C. saccharoperbutylacetonicum</i> through adaptive laboratory evolution. 2021 , 101, 179-189	4
288	The impact of fluid-dynamic stress in stirred tank bioreactors on the synthesis of cellulases by <i>Trichoderma reesei</i> at the intracellular and extracellular levels. 2021 , 232, 116353	2
287	Long-term changes in trophic ecology of blue mussels in a rapidly changing ecosystem. 2021 , 66, 694-710	5
286	Alteration of the oral microbiota may be a responsible factor, along with estrogen deficiency, by the development of larger periapical lesions. 2021 , 25, 3651-3662	1
285	Assessment of the microbial community and biocide resistance profile in production and injection waters from an Andean oil reservoir in Colombia. 2021 , 157, 105137	3
284	Detection of a pederin-like compound using a dilution-to-extinction-based platform for the isolation of marine bacteria in drug discovery strategies. 2021 , 14, 241-250	3
283	Effects of bacteriophages and peroxyacetic acid applications on beef contaminated with <i>Salmonella</i> during different grinding stages. 2021 , 173, 108407	2
282	Limits to the cellular control of sequestered cryptophyte prey in the marine ciliate <i>Mesodinium rubrum</i> . <i>ISME Journal</i> , 2021 , 15, 1056-1072	11.9 5
281	Sulfide alters microbial functional potential in a methane and nitrogen cycling biofilm reactor. 2021 , 23, 1481-1495	5
280	Antibiofilm agent pterostilbene is able to enhance antibiotics action against <i>Staphylococcus epidermidis</i> . 2021 , 152, 104632	5
279	Chromosome-level reference genome assembly provides insights into aroma biosynthesis in passion fruit (<i>Passiflora edulis</i>). 2021 , 21, 955-968	7
278	Ectoines as novel anti-inflammatory and tissue protective lead compounds with special focus on inflammatory bowel disease and lung inflammation. 2021 , 164, 105389	1
277	Identification and characterization of Nornicotine degrading strain <i>Arthrobacter</i> sp. NOR5. <i>Science of the Total Environment</i> , 2021 , 764, 142894	10.2 0
276	<i>Thermogemmata fonticola</i> gen. nov., sp. nov., the first thermophilic planctomycete of the order Gemmatales from a Kamchatka hot spring. 2021 , 44, 126157	8

275	Benefits of bacteria-derived exopolysaccharides on gastrointestinal microbiota, immunity and health. 2021 , 76, 104289		15
274	Bacterial pathogens: threat or treat (a review on bioactive natural products from bacterial pathogens). <i>Natural Product Reports</i> , 2021 , 38, 782-821	15.1	11
273	Impacts of non-Saccharomyces species and aeration on sequential inoculation with <i>Saccharomyces cerevisiae</i> to produce lower alcohol Merlot wines from Washington state. 2021 , 101, 1715-1719		2
272	Molecular Detection and Exploration of Diversity Among Fungal Consortium Involved in Phosphate Solubilization. 2021 , 38, 29-35		
271	The oxygen isotopic signature of soil- and plant-derived sulphate is controlled by fertilizer type and water source. 2021 , 44, 203-215		2
270	Strategic advancements and multimodal applications of biofilm therapy. 2021 , 21, 395-412		2
269	RNA localization in prokaryotes: Where, when, how, and why. 2021 , 12, e1615		8
268	Microbiomics to Define Wine Terroir. 2021 , 438-451		4
267	Microbial niche differentiation explains nitrite oxidation in marine oxygen minimum zones. <i>ISME Journal</i> , 2021 , 15, 1317-1329	11.9	10
266	Rhizosphere fungi and their plant association: Current and future prospects. 2021 , 339-356		1
265	Resonance assignments and secondary structure of thermophile single-stranded DNA binding protein from <i>Sulfolobus solfataricus</i> at 323K. 2021 , 15, 159-164		0
264	In vitro activity of antimicrobial peptide CDP-B11 alone and in combination with colistin against colistin-resistant and multidrug-resistant <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2021 , 11, 2151	4.9	4
263	Cross-kingdom regulation by dietary plant miRNAs: an evidence-based review with recent updates. <i>Food and Function</i> , 2021 , 12, 9549-9562	6.1	1
262	Microbial fuel cells for in-field water quality monitoring.. 2021 , 11, 16307-16317		9
261	Immunity and survival response of <i>Atta cephalotes</i> (Hymenoptera: Myrmicinae) workers to <i>Metarhizium anisopliae</i> infection: Potential role of their associated microbiota. <i>PLoS ONE</i> , 2021 , 16, e0247545	2.7	4
260	Antibiofilm and antipersister activity of acetic acid against extensively drug resistant <i>Pseudomonas aeruginosa</i> PAW1. <i>PLoS ONE</i> , 2021 , 16, e0246020	3.7	4
259	Production optimization, purification and characterization of lipopeptide biosurfactant obtained from <i>Brevibacillus</i> sp. AVN13. 2021 , 9, 104867		4
258	The production of biobased diamines from renewable carbon sources: Current advances and perspectives. 2021 , 30, 4-13		10

257	An indigenous <i>Saccharomyces uvarum</i> population with high genetic diversity dominates uninoculated Chardonnay fermentations at a Canadian winery. <i>PLoS ONE</i> , 2021 , 16, e0225615	3-7	1
256	Chemical signals driving bacterial-fungal interactions. 2021 , 23, 1334-1347		8
255	<i>Bacillus</i> spp. metabolites are effective in eradicating <i>Aedes aegypti</i> (Diptera: Culicidae) larvae with low toxicity to non-target species. 2021 , 179, 107525		4
254	Fungal bioleaching of metals from refinery spent catalysts: A critical review of current research, challenges, and future directions. 2021 , 280, 111789		14
253	Evaluation of PMA-qPCR methodology to detect and quantify viable Shiga toxin-producing <i>Escherichia coli</i> in beef burgers. 2021 , 45, e15338		1
252	<i>Clostridioides difficile</i> biofilms: A mechanism of persistence in the gut?. 2021 , 17, e1009348		9
251	Potential of some endophytic bacteria in biological control of root-knot nematode <i>Meloidogyne incognita</i> . <i>Egyptian Journal of Biological Pest Control</i> , 2021 , 31,	2	1
250	Probiotic Properties of <i>Alcaligenes faecalis</i> Isolated from <i>Argyrosomus regius</i> in Experimental Peritonitis (Rat Model). 2021 , 13, 1326-1337		2
249	(+)-Terpinen-4-ol Inhibits Biofilm Formation by Upregulating the Interspecies Quorum Sensing Signals Diketopiperazines and Diffusing Signaling Factors. 2021 , 69, 3496-3510		3
248	Silver nanoparticles from insect wing extract: Biosynthesis and evaluation for antioxidant and antimicrobial potential. <i>PLoS ONE</i> , 2021 , 16, e0241729	3-7	8
247	Effect of green waste and lime amendments on biostabilisation, physical-chemical and microbial properties of the composted fine fraction of residual municipal solid waste. 2021 , 39, 1069-1077		2
246	Spatiotemporal variation of bacterial communities in three cascade reservoirs in a southern city of China. 2021 , 21, 2532-2542		
245	Eco-corona formation on the nanomaterials in the aquatic systems lessens their toxic impact: A comprehensive review. 2021 , 194, 110669		9
244	Pathogenesis of experimental vibriosis in blue mussel (<i>Mytilus edulis</i>) larvae based on accurate positioning of GFP-tagged <i>Vibrio</i> strains and histopathological and ultrastructural changes of the host. 2021 , 535, 736347		3
243	Targeting properdin - Structure and function of a novel family of tick-derived complement inhibitors.		
242	Biochemical and phylogenetic characterization of the wastewater tolerant <i>Chlamydomonas biconvexa</i> Embrapa LBA40 strain cultivated in palm oil mill effluent. <i>PLoS ONE</i> , 2021 , 16, e0249089	3-7	4
241	Niche partitioning in the <i>Rimicaris exoculata</i> holobiont: the case of the first symbiotic Zetaproteobacteria. 2021 , 9, 87		6
240	Complete genome sequence of <i>Photobacterium ganghwense</i> C2.2: A new polyhydroxyalkanoate production candidate. <i>MicrobiologyOpen</i> , 2021 , 10, e1182	3-4	0

239	Sodium butyrate modulates chicken macrophage proteins essential for Salmonella Enteritidis invasion. <i>PLoS ONE</i> , 2021 , 16, e0250296	3.7	1
238	Adsorption of bacteriophages on polypropylene labware affects the reproducibility of phage research. <i>Scientific Reports</i> , 2021 , 11, 7387	4.9	9
237	Effects of phosphorus modified nZVI-biochar composite on emission of greenhouse gases and changes of microbial community in soil. 2021 , 274, 116483		13
236	Bacterial diversity and enzymatic activity in a soil recently treated with tebuconazole. 2021 , 123, 107373		2
235	Urban wastewater bacterial communities assemble into seasonal steady states. 2021 , 9, 116		6
234	Dynamics of primary productivity in relation to submerged vegetation of a shallow, eutrophic lagoon: A field and mesocosm study. <i>PLoS ONE</i> , 2021 , 16, e0247696	3.7	1
233	Deterioration of Fully Flow-Through Concrete Sewers Subjected to an Accelerated Sewage Environment. 2021 , 33, 04021082		0
232	Determination of antibiotic resistance genes in a WWTP-impacted river in surface water, sediment, and biofilm: Influence of seasonality and water quality. <i>Science of the Total Environment</i> , 2021 , 768, 144526	10.2	12
231	Natural and synthetic antimicrobials reduce adherence of enteroaggregative and enterohemorrhagic Escherichia coli to epithelial cells. <i>PLoS ONE</i> , 2021 , 16, e0251096	3.7	5
230	Dynamics and chronology of Mycoplasma hyopneumoniae strain 232 infection in experimentally inoculated swine. 2021 , 7, 42		2
229	Fungal biosurfactants, from nature to biotechnological product: bioprospection, production and potential applications. 2021 , 44, 2003-2034		11
228	The Impact of the Amazon on the Biological Pump and the Air-Sea CO ₂ Balance of the Western Tropical Atlantic. 2021 , 35, e2020GB006818		2
227	Insoluble carbonaceous materials as electron shuttles enhance the anaerobic/anoxic bioremediation of redox pollutants: Recent advances. 2021 , 33, 71-71		3
226	The imbalance of TNF and IL-6 levels and FOXP3 expression at the maternal-fetal interface is involved in adverse pregnancy outcomes in a susceptible murine model of congenital toxoplasmosis. 2021 , 143, 155517		2
225	Clinical manifestations and health outcomes associated with Zika virus infections in adults: A systematic review. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009516	4.8	1
224	Experimental dataset on the effect of electron acceptors in energy generation from brewery wastewater via a microbial fuel cell. 2021 , 37, 107272		1
223	Involvement of CspC in response to diverse environmental stressors in Escherichia coli. 2021 ,		2
222	Transcriptomic markers of fungal growth, respiration and carbon-use efficiency. 2021 , 368,		1

221	Resistance, resilience, and functional redundancy of freshwater bacterioplankton communities facing a gradient of agricultural stressors in a mesocosm experiment. 2021 , 30, 4771-4788		4
220	Comparison of enteric methane yield and diversity of ruminal methanogens in cattle and buffaloes fed on the same diet. <i>PLoS ONE</i> , 2021 , 16, e0256048	3-7	4
219	Host under epigenetic control: A novel perspective on the interaction between microorganisms and corals. 2021 , 43, e2100068		0
218	Treatment of acid rock drainage using a sulphate-reducing bioreactor with a limestone precolumn. 2021 , 1-12		1
217	Bioactivites of <i>Penicillium citrinum</i> isolated from a medicinal plant <i>Swertia chirayita</i> . 2021 , 203, 5173-5182		3
216	Geochemical, Biological, and Clumped Isotopologue Evidence for Substantial Microbial Methane Production Under Carbon Limitation in Serpentinites of the Samail Ophiolite, Oman. 2021 , 126, e2020JG006025		6
215	Simple and portable on-site system for nucleic acid-based detection of <i>Clostridium difficile</i> in stool samples using two columns containing microbeads and loop-mediated isothermal amplification. 2021 , 1		
214	Spatio-temporal variation in number and production of neustonic and planktonic bacteria inhabiting polluted estuarine harbour channel. 2021 , 203, 5547-5559		
213	Revealing the role of Plant Growth Promoting Rhizobacteria in suppressive soils against <i>f.sp.</i> based on metagenomic analysis. 2021 , 7, e07636		3
212	Tree phyllospheres are a habitat for diverse populations of CO-oxidizing bacteria. 2021 , 23, 6309-6327		0
211	Identifying potential human and medicinal plant microRNAs against SARS-CoV-2 3'UTR region: A computational genomics assessment. 2021 , 136, 104662		5
210	Comparison of microbial composition of cough swabs and sputum for pathogen detection in patients with cystic fibrosis. 2021 ,		1
209	Interaction of epigallocatechin-gallate and chlorhexidine with <i>Streptococcus mutans</i> stimulated odontoblast-like cells: Cytotoxicity, Interleukin-1 β and co-species proteomic analyses. 2021 , 131, 105268		2
208	Relating land-use/land-cover patterns to water quality in watersheds based on the structural equation modeling. 2021 , 206, 105566		1
207	Comparison of bacterial and fungal biodiversity of Turkish kefir grains with high-throughput metagenomic analysis. <i>LWT - Food Science and Technology</i> , 2021 , 152, 112375	5-4	5
206	Production of levan from <i>Bacillus subtilis</i> var. natto and apoptotic effect on SH-SY5Y neuroblastoma cells. 2021 , 273, 118613		2
205	Metabolic pathways for production of anticancer compounds in cyanobacteria. 2021 , 127-154		0
204	Effects of n-hexane and ethylacetate fractions of <i>Terminalia catappa</i> leaf extract in experimental <i>Trypanosoma brucei brucei</i> infection in Wistar rats. 2021 , 30, 67-74		

203	Patterns of genome-wide codon usage bias in tobacco, tomato and potato. 2021 , 35, 657-664	2
202	The influence of nutrient enrichment on riverine food web function and stability. <i>Ecology and Evolution</i> , 2021 , 11, 942-954	2.8 4
201	Processing of Nanoparticles by Biomatrices in a Green Approach. 2019 , 1-28	3
200	Pleurotus ostreatus: A Biofactory for Lignin-Degrading Enzymes of Diverse Industrial Applications. 2019 , 101-152	1
199	Microalgal Biomass of Industrial Interest: Methods of Characterization. 2020 , 537-639	3
198	Fungal Phytohormones: Plant Growth-Regulating Substances and Their Applications in Crop Productivity. 2020 , 143-169	2
197	Regulatory Tools for Controlling Gene Expression in Cyanobacteria. 2018 , 1080, 281-315	20
196	Nutrient Cycling at Higher Altitudes. 2020 , 293-305	4
195	Nanomaterials: Emerging Trends and Future Prospects for Economical Agricultural System. 2020 , 281-305	3
194	Foodborne Zoonoses Common in Hunted Wild Boars. 2020 , 17, 512-522	13
193	Triterpene-Enriched Olive Extract as an Immunopotentiator in Black Sea Bream (<i>Acanthopagrus schlegelii</i>). 2020 , 19, 428-438	1
192	Effect of iron oxide nanoparticles on growth and biofuel potential of <i>Chlorella</i> spp.. 2020 , 49, 101942	23
191	Electricity from methanol using indigenous methylotrophs from hydraulic fracturing flowback water. 2020 , 135, 107549	7
190	Novel strategy with an eco-friendly polyurethane system to improve rainfastness of tea saponin for highly efficient rice blast control. 2020 , 264, 121685	9
189	Successive exposure to <i>Mentha piperita</i> L. essential oil affects the culturability and induces membrane repair in a persistent epidemic <i>Salmonella</i> Typhimurium PT4. 2020 , 149, 104264	2
188	<i>Weissella confusa</i> DD_A7 pre-treatment to zebrafish larvae ameliorates the inflammation response against <i>Escherichia coli</i> O157:H7. 2020 , 237, 126489	7
187	Pilot-scale petroleum refinery wastewaters treatment systems: Performance and microbial communities analysis. 2020 , 141, 73-82	17
186	Microbial NO consumption in and above marine NO production hotspots. <i>ISME Journal</i> , 2021 , 15, 1434-1444	8

185	Phage diversity, genomics and phylogeny. 2020 , 18, 125-138		160
184	Impact of gamma-irradiated silver nanoparticles biosynthesized from <i>Pseudomonas aeruginosa</i> on growth, lipid, and carbohydrates of <i>Chlorella vulgaris</i> and <i>Dictyochloropsis splendida</i> .. 2021 , 14, 70-81		3
183	From sea surface to seafloor: a benthic allochthonous eDNA survey for the abyssal ocean.		2
182	Microbial map of the world's vineyards: Applying the concept of microbial terroir on a global scale.		2
181	Seasonal niche differentiation between evolutionary closely related marine bacteria.		1
180	Response and oil degradation activities of a northeast Atlantic bacterial community to biogenic and synthetic surfactants.		1
179	Biotrophic interactions disentangled: In situ localisation of mRNAs to decipher plant and algal pathogen-host interactions at the single cell level.		1
178	MAGMA: inference of sparse microbial association networks.		7
177	Large-scale network analysis captures biological features of bacterial plasmids.		1
176	In vitro assessment of the cytotoxic effects of secondary metabolites from <i>Spirulina platensis</i> on hepatocellular carcinoma. 2020 , 10,		2
175	Intersection of Polycystic Ovary Syndrome and the Gut Microbiome. 2021 , 5, bvaa177		13
174	Potential risk factors associated with seropositivity for <i>Toxoplasma gondii</i> among pregnant women and HIV infected individuals in Ethiopia: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008944	4.8	2
173	Comparative growth rates of cultured marine dinoflagellates in the genus <i>Symbiodinium</i> and the effects of temperature and light. <i>PLoS ONE</i> , 2017 , 12, e0187707	3.7	16
172	Differential impact of lytic viruses on prokaryotic morphopopulations in a tropical estuarine system (Cochin estuary, India). <i>PLoS ONE</i> , 2018 , 13, e0194020	3.7	6
171	Evaluating the effect of storage conditions on milk microbiological quality and composition. 2018 , 57, 52-62		4
170	Microencapsulation of <i>Lactobacillus acidophilus</i> NCFM incorporated with mannitol and its storage stability in mulberry tea. 43,		16
169	Antimicrobial Resistance in <i>Campylobacter jejuni</i> Isolated from Brazilian Poultry Slaughterhouses. 2020 , 22,		0
168	Yield and quality of soybean seeds inoculated with <i>Bacillus subtilis</i> strains. 2020 , 24, 65-71		4

167	Bioprospecting of the novel isolate LA2(R) from the rhizosphere of .. 2022 , 29, 1858-1868	1
166	Biodecolorization of reactive black 5 using magnetite nanoparticles coated Bacillus sp. RA5. 2021 , 48, 1523-1523	2
165	Typical kombucha fermentation: Kinetic evaluation of beverage and morphological characterization of bacterial cellulose. e16100	2
164	Application of Genomics to Understand the Pathogenic Microbial Diversity. 2019 , 49-82	
163	Encyclopedia of Astrobiology. 2019 , 1-3	
162	Water quality assessments and metagenomic analysis of the polluted river Apatlaco, Mexico.	0
161	Post-transcriptional Gene Silencing as a Tool for Controlling Viruses in Plants. 2019 , 527-542	2
160	A Type III-A CRISPR-Cas system employs degradosome nucleases to ensure robust immunity.	
159	Stable Engraftment of a Human Gut Bacterial Microbiome in Double Humanized BLT-mice.	0
158	Single rod-shaped cell fluctuations from stochastic surface/volume growth rates.	
157	Phylogenetic and metabolic diversity have contrasting effects on the ecological functioning of bacterial communities.	1
156	A Paradigm Shift in the Development of Anti-Candida Drugs. 2019 , 19, 2610-2628	1
155	Long reads from Nanopore sequencing as a tool for animal microbiome studies.	
154	Ecological patterns of root nodule diversity in cultivated and wild rooibos populations: a community prediction approach.	
153	Antibodies and microbial biomolecules as biotechnological tools for bacterial infections diagnosis. 2020 , 91-105	
152	Role of Algae-Fungi Relationship in Sustainable Agriculture. 2020 , 227-254	
151	Correlations Between Muscle Fibers Characteristics and Meat Quality Attributes of Biceps Femoris Muscle: a Comparative Study of 2 Distinctive Broiler Breeds. 2020 , 22,	0
150	Exploiting RNA Interference Mechanism in Plants for Disease Resistance. 2020 , 217-236	

149	Microbiome as Sensitive Markers for Risk Assessment of Pesticides. 2020 , 89-108		2
148	Electron microscopic observation of infected CCB and whole genome analysis of Koi herpesvirus isolate GY01.		
147	Priority effects dictate community structure and alter virulence of fungal-bacterial biofilms.		
146	Planktonic diatom assemblage seasonal diversity used to assess environmental health in a coastal wetland of southern Chile.		
145	Presence of Fe(II) and nitrate shapes aquifer-originating communities leading to an autotrophic enrichment dominated by an Fe(II)-oxidizing Gallionellaceae sp. 2021 , 97,		1
144	Optimizing Bacterial Cellulose Production Towards Materials for Water Remediation. 2020 , 391-403		4
143	High prevalence of multidrug resistant Escherichia coli isolated from fresh vegetables sold by selected formal and informal traders in the most densely populated Province of South Africa. 2021 , 86, 161-168		2
142	Molecular detection of extended spectrum β -lactamase genes in Escherichia coli clinical isolates from diarrhoeic children in Kano, Nigeria. <i>PLoS ONE</i> , 2020 , 15, e0243130	3.7	1
141	Occurrence, identification, and antibiogram signatures of selected Enterobacteriaceae from Tsomo and Tyhume rivers in the Eastern Cape Province, Republic of South Africa. <i>PLoS ONE</i> , 2020 , 15, e0238084	3.7	4
140	Alteration in the Culex pipiens transcriptome reveals diverse mechanisms of the mosquito immune system implicated upon Rift Valley fever phlebovirus exposure. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008870	4.8	1
139	Identification of a new myotropic decapeptide from the skin secretion of the red-eyed leaf frog, Agalychnis callidryas. <i>PLoS ONE</i> , 2020 , 15, e0243326	3.7	
138	The indoor environment - a potential source for intact human-associated anaerobes.		
137	Environmental patterns of brown moss- and Sphagnum-associated microbial communities. <i>Scientific Reports</i> , 2020 , 10, 22412	4.9	2
136	The Catastrophic Battle of Biofouling in Oil and Gas Facilities: Impacts, History, Involved Microorganisms, Biocides and Polymer Coatings to Combat Biofouling. 2020 , 47-99		1
135	Microbiological Factors of Peri-Implantitis: Methodologies for Biofilm Analysis. 2020 , 23-34		0
134	Role of Microbes in Improving Plant Growth and Soil Health for Sustainable Agriculture. 2020 , 207-256		2
133	Building Scarless Gene Libraries in the Chromosome of Bacteria. 2020 , 189-211		1
132	Nanobiotechnology and its Application in Agriculture and Food Production. 2020 , 105-134		2

131	G-protein-coupled Receptors in Fungi. 2020 , 37-126		0
130	Effects of Diet on Human Gut Microbiome and Subsequent Influence on Host Physiology and Metabolism. 2020 , 63-84		0
129	Genetic and behavioral adaptation of <i>Candida parapsilosis</i> to the microbiome of hospitalized infants revealed by in situ genomics, transcriptomics and proteomics.		
128	Constrained peptides mimic a viral suppressor of RNA silencing. 2021 ,		2
127	A modular microscale granuloma model for immune-microenvironment signaling studies in vitro.		
126	Chinese hamster V79 cells' dependence on background ionizing radiation for optimal growth. 2021 , 1		3
125	Soil bacterial and fungal communities are linked with plant functional types and soil properties under different grazing intensities. 2022 , 73, e13195		1
124	Identification and characterization of spp. and their susceptibility to insect apolipophorin III. <i>Future Microbiology</i> , 2020 , 15, 1015-1032	2.9	1
123	<i>Pseudomonas aeruginosa</i> reverse diauxie is an optimized, resource utilization strategy.		
122	Genome editing of lactic acid bacteria: opportunities for food, feed, pharma and biotech. 2019 , 366, i30-i41		
121	Grapevine microbiota reflect diversity among compartments and complex interactions within and among root and shoot systems.		0
120	Microbiological Quality of <i>Apis mellifera</i> L. Honey Samples from Western Paraná Southern Brazil. 2020 , 64, 209-218		
119	Deciphering and Harnessing Plant Microbiomes: Detangling the Patterns and ProcessesâA Clean, Green Road to Sustainable Agriculture. 2021 , 123-159		0
118	Community succession of the grape epidermis microbes of cabernet sauvignon (<i>Vitis vinifera</i> L.) from different regions in China during fruit development. 2021 , 362, 109475		2
117	Assessment of in vitro activities of novel modified antimicrobial peptides against clarithromycin resistant <i>Mycobacterium abscessus</i> . <i>PLoS ONE</i> , 2021 , 16, e0260003	3.7	0
116	Intestinal microbiota modulation and improved growth in pigs with post-weaning antibiotic and ZnO supplementation but only subtle microbiota effects with <i>Bacillus altitudinis</i> . <i>Scientific Reports</i> , 2021 , 11, 23304	4.9	0
115	A metagenomic approach to homemade back-slopped yogurts produced in mountainous villages of Turkey with the potential next-generation probiotics. <i>LWT - Food Science and Technology</i> , 2021 , 112860	5.4	0
114	Presence and Role of Prokaryotic Viruses in Groundwater Environments. 2021 ,		

113	Rotavirus and illness severity in children presenting with acute gastroenteritis at the primary care out-of-hours service.. 2021 , 27, 346-353		
112	Diacids from Oil Producing Plant. 2022 , 515-542		1
111	Effects of sterilization and maturity of compost on soil bacterial and fungal communities and wheat growth. 2022 , 409, 115598		4
110	Sucrose, maltodextrin and inulin efficacy as cryoprotectant, preservative and prebiotic - towards a freeze dried topical probiotic.. 2022 , 33, e00696		2
109	Environmental, Microbiological, and Immunological Features of Bacterial Biofilms Associated with Implanted Medical Devices.. 2022 , e0022120		7
108	Differential Effects of Transition Metals on Growth and Metal Uptake for Two Distinct Species.. <i>Microbiology Spectrum</i> , 2022 , e0100621	8.9	0
107	Role is in the eye of the beholder - the multiple functions of the antibacterial compound tropodithietic acid produced by marine Rhodobacteraceae.. 2022 ,		1
106	Plant Beneficial Deep-Sea Actinobacterium, MT1.1 Promote Growth of Tomato () under Salinity Stress.. <i>Biology</i> , 2022 , 11,	4.9	0
105	Characterization of Biofilm Formation and Structure and Their Inhibition by Pea Defensin d2.. 2022 , 9, 795255		
104	Em14-3-3 delivered by PLGA and chitosan nanoparticles conferred improved protection in chicken against <i>Eimeria maxima</i> .. 2022 , 121, 675		0
103	Proton motive force underpins respiration-mediated potentiation of aminoglycoside lethality in pathogenic <i>Escherichia coli</i> .. 2022 , 204, 120		0
102	Glycerol-driven Denitrification: Process Kinetics, Microbial Ecology, and Operational Controls.		0
101	Combining UFLC-QTOF-MS analysis with biological evaluation of <i>Centrosema coriaceum</i> (Fabaceae) leaves.. 2022 , 94, e20200491		
100	Microbial diversity in intensively farmed lake sediment contaminated by heavy metals and identification of microbial taxa bioindicators of environmental quality.. <i>Scientific Reports</i> , 2022 , 12, 80	4.9	1
99	The smallest space miners: principles of space biomineralization.. 2022 , 26, 7		1
98	Metatranscriptomics reveals a shift in microbial community composition and function during summer months in a coastal marine environment.		0
97	Hidden intermediates in Mango III RNA aptamer folding revealed by pressure perturbation.. 2021 ,		2
96	Application of mineral phosphorus fertilizer influences rhizosphere chemical and biological characteristics. <i>Archives of Agronomy and Soil Science</i> , 1-14		2

95	An oxidation resistant pediocin PA-1 derivative and penocin A display effective anti- activity in a model human gut environment.. <i>Gut Microbes</i> , 2022 , 14, 2004071	8.8	1
94	In Vitro Inhibition of Replication of Dengue Virus Serotypes 1-4 by siRNAs Bound to Non-Toxic Liposomes.. <i>Viruses</i> , 2022 , 14,	6.2	1
93	Origanum vulgare L. essential oil inhibits virulence patterns of Candida spp. and potentiates the effects of fluconazole and nystatin in vitro.. <i>BMC Complementary Medicine and Therapies</i> , 2022 , 22, 39	2.9	0
92	Non-invasive monitoring of multiple wildlife health factors by fecal microbiome analysis.. <i>Ecology and Evolution</i> , 2022 , 12, e8564	2.8	2
91	Dynamics of actively dividing prokaryotes in the western Mediterranean Sea.. <i>Scientific Reports</i> , 2022 , 12, 2064	4.9	0
90	Selective Toxicity of Secondary Metabolites from the Entomopathogenic Bacterium <i>Photobacterium luminescens</i> against Selected Plant Parasitic Nematodes of the Tylenchina Suborder.. <i>Microbiology Spectrum</i> , 2022 , e0257721	8.9	1
89	The role of the gut microbiota in patients with Kleeftstra syndrome.		
88	Honey bees and climate explain viral prevalence in wild bee communities on a continental scale.. <i>Scientific Reports</i> , 2022 , 12, 1904	4.9	7
87	Single-cell genomics for resolution of conserved bacterial genes and mobile genetic elements of the human intestinal microbiota using flow cytometry.. <i>Gut Microbes</i> , 2022 , 14, 2029673	8.8	0
86	Spectroscopy: a versatile sensing tool for cost-effective and rapid detection of novel coronavirus (COVID-19).. <i>Emergent Materials</i> , 2022 , 1-12	3.5	0
85	Gene-rich germline-restricted chromosomes in black-winged fungus gnats evolved through hybridization.. <i>PLoS Biology</i> , 2022 , 20, e3001559	9.7	1
84	Application of microbial analyses to feeds and potential implications for poultry nutrition.. <i>Poultry Science</i> , 2022 , 101789	3.9	
83	Exploring Dose-Dependent Cytotoxicity Profile of Mediated Green Synthesized Silver Nanoparticles against MDA-MB-231 Breast Carcinoma.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 3863138	6.7	3
82	Decrease in RNase HII and Accumulation of lncRNAs/DNA Hybrids: A Causal Implication in Psoriasis?. <i>Biomolecules</i> , 2022 , 12,	5.9	0
81	Nutrient-dependended metabolic switching during batch cultivation of explored with absolute quantitative mass spectrometry-based metabolite profiling.. <i>3 Biotech</i> , 2022 , 12, 80	2.8	
80	Development and validation of a multiplex real-time qPCR assay using GMP-grade reagents for leprosy diagnosis.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0009850	4.8	1
79	Transgenic Rice Plants Expressing Artificial miRNA Targeting the Rice Stripe Virus Gene Are Highly Resistant to the Virus.. <i>Biology</i> , 2022 , 11,	4.9	1
78	Unbridled Integrins: A Matter of Host Factors.. <i>Cells</i> , 2022 , 11,	7.9	1

77	Genetic relationship of isolated from humans, animals, environment, and Dangke products in dairy farms of South Sulawesi Province, Indonesia.. <i>Veterinary World</i> , 2022 , 15, 558-564	1.7	
76	Cinnamaldehyde Increases the Survival of Mice Submitted to Sepsis Induced by Extraintestinal Pathogenic .. <i>Antibiotics</i> , 2022 , 11,	4.9	1
75	High prevalence of antibiotic resistance in pathogenic foodborne bacteria isolated from bovine milk.. <i>Scientific Reports</i> , 2022 , 12, 3878	4.9	3
74	Effects of therapeutic levels of dietary antibiotics on the cecal microbiome composition of broiler chickens.. <i>Poultry Science</i> , 2022 , 101, 101864	3.9	0
73	Production of Potyvirus-Derived Nanoparticles Decorated with a Nanobody in Biofactory Plants.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 877363	5.8	0
72	Polysaccharides as a Prebiotic to Modulate Gut Microbiota: Physicochemical Properties and Fermentation Characteristics In Vitro.. <i>Foods</i> , 2022 , 11,	4.9	1
71	Loss of gut microbial diversity in the cultured, agastric fish, Mexican pike silverside (: Atherinopsidae).. <i>PeerJ</i> , 2022 , 10, e13052	3.1	0
70	Gut Microbiota Modulation of Moderate Undernutrition in Infants through Gummy Dad-13 Consumption: A Randomized Double-Blind Controlled Trial.. <i>Nutrients</i> , 2022 , 14,	6.7	0
69	Implications of carbon catabolite repression for plant-microbe interactions.. <i>Plant Communications</i> , 2022 , 3, 100272	9	2
68	as an Alternative and Valuable Source of Nutritional and Bioactive Compounds for Humans.. <i>Molecules</i> , 2022 , 27,	4.8	3
67	The Effect of Bio-Synthesized Silver Nanoparticles on Germination, Early Seedling Development, and Metabolome of Wheat (L.).. <i>Molecules</i> , 2022 , 27,	4.8	2
66	Comparison of Actinobacteria communities from human-impacted and pristine karst caves.. <i>MicrobiologyOpen</i> , 2022 , 11, e1276	3.4	0
65	Antimicrobial Peptides: Bringing Solution to the Rising Threats of Antimicrobial Resistance in Livestock.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 851052	3.1	2
64	Metabarcoding analysis of microbiome dynamics during a <i>Phaeocystis globosa</i> bloom in the Beibu Gulf, China.. <i>Harmful Algae</i> , 2022 , 114, 102217	5.3	0
63	Correlation of organic acid tolerance and genotypic characteristics of <i>Listeria monocytogenes</i> food and clinical isolates.. <i>Food Microbiology</i> , 2022 , 104, 104004	6	2
62	Prevalence and characterization of antibiotic resistant bacteria in raw community sewage from diverse urban communities.. <i>Science of the Total Environment</i> , 2022 , 153926	10.2	1
61	Oomicide treated soybean seeds reduce early season stand loss to <i>Phytophthora sojae</i> . <i>Crop Protection</i> , 2022 , 157, 105984	2.7	
60	Low-temperature straw biochar: Sustainable approach for sustaining higher survival of <i>B. megaterium</i> and managing phosphorus deficiency in the soil.. <i>Science of the Total Environment</i> , 2022 , 154790	10.2	1

59	Recent Trends and Advancements for Agro-Environmental Sustainability at Higher Altitudes. 2022 , 425-435		
58	Ultrasonic pre-treatment of for improved electrogenic response in a single chambered microbial fuel cell.. <i>3 Biotech</i> , 2022 , 12, 18	2.8	0
57	Immunomodulatory effects of polysaccharides from marine algae for treating cancer, infectious disease, and inflammation.. <i>Phytotherapy Research</i> , 2021 ,	6.7	9
56	An age-stratified serosurvey against purified Salmonella enterica serovar Typhi antigens in the Lao People's Democratic Republic.. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0010017	4.8	0
55	Diversity and Phosphate Solubilization Efficiency of Phosphate Solubilizing Bacteria Isolated from Semi-Arid Agroecosystems of Eastern Kenya.. <i>Microbiology Insights</i> , 2022 , 15, 11786361221088991	2.5	4
54	Bovine host genome acts on rumen microbiome function linked to methane emissions.. <i>Communications Biology</i> , 2022 , 5, 350	6.7	0
53	Plants Dictate Root Microbial Composition in Hydroponics and Aquaponics.. <i>Frontiers in Microbiology</i> , 2022 , 13, 848057	5.7	0
52	Isolation and characterization of vB_XciM_LucasX, a new jumbo phage that infects Xanthomonas citri and Xanthomonas fuscans.. <i>PLoS ONE</i> , 2022 , 17, e0266891	3.7	1
51	Evaluation of Wound Healing and Antibacterial Potential of Szyszyl. Ethanolic Leaf Extract.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 806285	5.6	
50	Prospecting potential of endophytes for modulation of biosynthesis of therapeutic bioactive secondary metabolites and plant growth promotion of medicinal and aromatic plants.. <i>Antonie Van Leeuwenhoek</i> , 2022 , 1	2.1	0
49	Mycobacterium bovis and M. caprae in Bulgaria: insight into transmission and phylogeography gained through whole-genome sequencing.. <i>BMC Veterinary Research</i> , 2022 , 18, 148	2.7	1
48	Plant Growth Promoting Bacteria: Aspects in Metal Bioremediation and Phytopathogen Management. 2022 , 51-78		1
47	In Situ Analytical Tools to Resolve Stress Response Mechanisms of Foodborne Pathogens. 2022 , 575-607		
46	Urolithins: potential biomarkers of gut dysbiosis and disease stage of Parkinson's patients. <i>Food and Function</i> ,	6.1	1
45	Antibiotic-resistant bacteria and antibiotic resistance genes in aquatic systems: Occurrence, behaviour, and fate. 2022 , 121-136		1
44	Environmental DNA persistence and fish detection in captive sponges.		0
43	Application of Biotechnology in Specific Spoilage Organisms of Aquatic Products.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 895283	5.8	0
42	Morphological and Molecular Characterization of Some Species Isolated from Tomato Fruits Concerning Mycotoxin Production and Polyketide Synthase Genes.. <i>Plants</i> , 2022 , 11,	4.5	1

41	Intestinal Dysbiosis in Patients with Histamine Intolerance.. <i>Nutrients</i> , 2022 , 14,	6.7	2
40	Evaluation of the Effects of a Short Supplementation With Tannins on the Gut Microbiota of Healthy Subjects.. <i>Frontiers in Microbiology</i> , 2022 , 13, 848611	5.7	2
39	The Expression of Tax and HBZ Genes in Serum-Derived Extracellular Vesicles From HTLV-1 Carriers Correlates to Proviral Load and Inflammatory Markers.. <i>Frontiers in Microbiology</i> , 2022 , 13, 881634	5.7	0
38	Evaluation of nutrient characteristics and bacterial community in agricultural soil groups for sustainable land management.. <i>Scientific Reports</i> , 2022 , 12, 7368	4.9	1
37	Effects of Different Compost on Vegetative and Yield Performance of Pea. <i>Communications in Soil Science and Plant Analysis</i> , 1-14	1.5	
36	Rumen sampling methods bias bacterial communities observed.. <i>PLoS ONE</i> , 2022 , 17, e0258176	3.7	0
35	Systematic review of animal-based indicators to measure thermal, social, and immune-related stress in pigs.. <i>PLoS ONE</i> , 2022 , 17, e0266524	3.7	0
34	Insight into the Enterovirus A71: A review.. <i>Reviews in Medical Virology</i> , 2022 , e2361	11.7	0
33	, a Significant Traditional Chinese Medicine (TCM) Herb and Its Bioactivity against Gastric Cancer.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 4071489	2.3	0
32	Metabolic engineering of <i>Streptomyces</i> to enhance the synthesis of valuable natural products. <i>Engineering Microbiology</i> , 2022 , 2, 100022		1
31	Microbiome assembly predictably shapes diversity across a range of disturbance frequencies in experimental microcosms.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 41	8.2	0
30	iTRAQ proteomic analysis of the inhibitory effect of 1,6-O,O-diacetylbritannilactone on the plant pathogenic oomycete <i>Phytophthora capsici</i> . <i>Pesticide Biochemistry and Physiology</i> , 2022 , 105125	4.9	1
29	Current status of secondary metabolite pathways linked to their related biosynthetic gene clusters in section .. <i>Natural Product Reports</i> , 2022 ,	15.1	0
28	Diversity and functional role of ammonia-oxidizing bacteria in soil microcosms. 2022 , 371-392		
27	Plant Microbiome. 2022 , 10-29		
26	Interplay between PCOS and Microbiome: The road less travelled. <i>American Journal of Reproductive Immunology</i> ,	3.8	1
25	Risks and Concerns of Use of Nanoparticles in Agriculture. 2022 , 371-394		
24	Unraveling the flavor profile and microbial roles during industrial Sichuan radish paocai fermentation by molecular sensory science and metatranscriptomics. <i>Food Bioscience</i> , 2022 , 101815	4.9	0

23	Patterns of air pressure, wind speed, and temperature are correlated with an increased risk of clinical infection from <i>Vibrio vulnificus</i> in endemic areas.		
22	Effects of biogenic silver and iron nanoparticles on soybean seedlings (<i>Glycine max</i>). <i>BMC Plant Biology</i> , 2022 , 22,	5.3	0
21	Partial Analysis of the Capsid Protein (VP1) of Human Sapovirus Isolated from Children with Diarrhoea in Rural Communities of South Africa. <i>Advances in Virology</i> , 2022 , 2022, 1-7	1.9	1
20	Harnessing solar power: photoautotrophy supplements the diet of a low-light dwelling sponge. <i>ISME Journal</i> ,	11.9	0
19	Antibiotics and antibiotic resistant bacteria/genes in urban wastewater: A comparison of their fate in conventional treatment systems and constructed wetlands. <i>Chemosphere</i> , 2022 , 303, 135148	8.4	0
18	Implications on Engineering Rhizosphere Microbiomes for the Suppression of Soil-Borne Diseases by Compost in a Long-Term Organic Greenhouse Experiment. <i>ACS Symposium Series</i> , 55-63	0.4	
17	Probiotics for urinary tract disease prevention and treatment. 2022 , 513-536		
16	Efficacy of the bacterium <i>Lysobacter enzymogenes</i> strain ch3B10 as a new biocontrol agent on the pathogenic fungi <i>Alternaria solani</i> and <i>Fusarium oxysporum</i> under laboratory conditions. <i>Egyptian Journal of Biological Pest Control</i> , 2022 , 32,	2	
15	Analyzing influence of thermal and osmotic stress on native isolates of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> . <i>Indian Phytopathology</i> ,	1	
14	Blastic plasmacytoid dendritic cell neoplasm and cerebral toxoplasmosis: a case report. <i>BMC Neurology</i> , 2022 , 22,	3.1	
13	Refractory esophagitis caused by <i>Candida nivariensis</i> : second description of this yeast in Brazil and a literature review. <i>Future Microbiology</i> ,	2.9	0
12	Colonies of <i>Acropora formosa</i> with greater survival potential have reduced calcification rates. <i>PLoS ONE</i> , 2022 , 17, e0269526	3.7	
11	A weight-loss model based on baseline microbiota and genetic scores for selection of dietary treatments in overweight and obese population. <i>Clinical Nutrition</i> , 2022 ,	5.9	1
10	Evaluation of <i>Streptomyces</i> spp. strains as potential biocontrol agents for <i>Pyrenophora tritici-repentis</i> . <i>Biocontrol Science and Technology</i> , 1-12	1.7	0
9	Structure-based drug design (SBDD). 2022 , 181-229		
8	Interactions between the gut microbiome and ketogenic diet in refractory epilepsy. <i>International Review of Neurobiology</i> , 2022 ,	4.4	1
7	A taxonomically representative strain collection to explore xenobiotic and secondary metabolism in bacteria. <i>PLoS ONE</i> , 2022 , 17, e0271125	3.7	0
6	Multilocus Sequence Typing helps understand the genetic diversity of <i>Cryptosporidium hominis</i> and <i>Cryptosporidium parvum</i> isolated from Colombian patients. <i>PLoS ONE</i> , 2022 , 17, e0270995	3.7	

5	Comparative Metagenomic Analysis of Biosynthetic Diversity across Sponge Microbiomes Highlights Metabolic Novelty, Conservation, and Diversification. <i>MSystems</i> ,	7.6	0
4	A 16S rRNA Sequencing Study Describing the Environmental Microbiota of Two Powdered Infant Formula Built Facilities. <i>Foodborne Pathogens and Disease</i> , 2022 , 19, 473-484	3.8	
3	Traditional communities and dietary habits: understanding the dynamics of food and climate change in the western Himalayan region. <i>British Food Journal</i> ,	2.8	
2	Antimicrobial activity of <i>Thymus zygis</i> essential oil against <i>Listeria monocytogenes</i> and its application as food preservative. <i>Innovative Food Science and Emerging Technologies</i> , 2022 , 80, 103077	6.8	1
1	Effect of <i>Saccharomyces cerevisiae</i> cell-free supernatant on the physiology, quorum sensing, and protein synthesis of lactic acid bacteria. <i>LWT - Food Science and Technology</i> , 2022 , 165, 113732	5.4	0