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Molecular characterization of vulnibactin biosynthesis in *Vibrio vulnificus* indicates the existence of an alternative siderophore

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748	The RND protein is involved in the vulnibactin export system in <i>Vibrio vulnificus</i> M2799. 2014 , 75, 59-67		10
747	<i>Vibrio</i> ecology, pathogenesis, and evolution. <i>Frontiers in Microbiology</i> , 2014 , 5, 256	5.7	23
746	Coronavirus-induced ER stress response and its involvement in regulation of coronavirus-host interactions. 2014 , 194, 110-23		63
745	Tracing biogeochemical and microbial variability over a complete oil sand mining and recultivation process. <i>Science of the Total Environment</i> , 2014 , 499, 297-310	10.2	10
744	Screening of self-assembled monolayer for aflatoxin B1 detection using immune-capacitive sensor. 2015 , 8, 144-151		13
743	RUMINANT NUTRITION SYMPOSIUM: How to use data on the rumen microbiome to improve our understanding of ruminant nutrition. 2015 , 93, 1450-70		52
742	Novel lineage patterns from an automated water sampler to probe marine microbial biodiversity with ships of opportunity. 2015 , 137, 409-420		14
741	<i>Neurospora discreta</i> as a model to assess adaptation of soil fungi to warming. 2015 , 15, 198		18
740	A particular silent codon exchange in a recombinant gene greatly influences host cell metabolic activity. 2015 , 14, 156		15
739	Revisão: Aspectos gerais das bacteriocinas. 2015 , 18, 267-276		6
738	Investigating the Relationship between Transverse Relaxation Rate (R2) and Interecho Time in MagA-Expressing, Iron-Labeled Cells. 2015 , 14, 551-60		1
737	Strategies of <i>Vibrio parahaemolyticus</i> to acquire nutritional iron during host colonization. <i>Frontiers in Microbiology</i> , 2015 , 6, 702	5.7	15
736	In Situ Analysis of a Silver Nanoparticle-Precipitating <i>Shewanella</i> Biofilm by Surface Enhanced Confocal Raman Microscopy. 2015 , 10, e0145871		8
735	Gene expression profiles of <i>Vibrio parahaemolyticus</i> in viable but non-culturable state. 2015 , 91,		23
734	The Great Sippewissett Salt Marsh Plots: Some History, Highlights, and Contrails from a Long-Term Study. 2015 , 38, 1099-1120		21
733	Feasibility study involving the search for natural strains of microorganisms capable of degrading graffiti from heritage materials. 2015 , 103, 186-190		24
732	Characterization and microbial utilization of dissolved lipid organic fraction in arsenic impacted aquifers (India). 2015 , 527, 221-233		24

731	Resistance of foodborne pathogen coliphages to thermal and physicochemical treatments applied in food manufacture. 2015 , 30, 184-191	5
730	In vitro digestion of short-dough biscuits enriched in proteins and/or fibres, using a multi-compartmental and dynamic system (1): viscosity measurement and prediction. 2015 , 182, 55-63	25
729	Viral and grazer regulation of prokaryotic growth efficiency in temperate freshwater pelagic environments. 2015 , 91, 1-12	11
728	Nutrient Loading through Submarine Groundwater Discharge and Phytoplankton Growth in Monterey Bay, CA. 2015 , 49, 6665-73	50
727	A new epoch in medical microbiology. 2015 , 85, 515-522	4
726	Biological control as a strategy to reduce the impact of mycotoxins in peanuts, grapes and cereals in Argentina. 2015 , 32, 471-9	41
725	Preservation of green table olives fermented with lactic acid bacteria with probiotic potential under modified atmosphere packaging. 2015 , 62, 783-790	22
724	Complete perchlorate reduction using methane as the sole electron donor and carbon source. 2015 , 49, 2341-9	71
723	Evaluation of recycled bioplastic pellets and a sprayable formulation for application of an <i>Aspergillus flavus</i> biocontrol strain. 2015 , 72, 9-15	13
722	Degradation and conversion of toxic compounds into useful bioplastics by <i>Cupriavidus</i> sp. CY-1: relative expression of the PhaC gene under phenol and nitrogen stress. 2015 , 17, 4560-4569	23
721	Novel approaches to improving the chemical safety of the meat chain towards toxicants. 2015 , 109, 75-85	27
720	An innovative method to produce green table olives based on "pied de cuve" technology. <i>Food Microbiology</i> , 2015 , 50, 126-40	6 35
719	Effect of packaging and storage conditions on microbial survival, physicochemical characteristics and colour of non-thermally preserved green Spanish-style Manzanilla olives. 2015 , 63, 367-375	12
718	Linking fungal communities to wood density loss after 12 years of log decay. 2015 , 91,	26
717	Metagenomic analysis of planktonic microbial consortia from a non-tidal urban-impacted segment of James River. 2015 , 10, 65	20
716	Resurgence of duckweed research and applications: report from the 3rd International Duckweed Conference. 2015 , 89, 647-54	32
715	Free-living nematode species (Nematoda) dwelling in hydrothermal sites of the North Mid-Atlantic Ridge. 2015 , 69, 343-384	14
714	Optimized expression conditions for enhancing production of two recombinant chitinolytic enzymes from different prokaryote domains. 2015 , 38, 2477-86	18

713	Sensitivity to oxidative stress is not a definite predictor of thermal sensitivity in symbiotic dinoflagellates. 2015 , 162, 2067-2077		9
712	An approximation method for the P-median problem: A bioinspired tabu search and variable neighborhood search partitioning approach. 2016 , 13, 87-98		3
711	Metaviromics of Namib Desert Salt Pans: A Novel Lineage of Haloarchaeal Salterproviruses and a Rich Source of ssDNA Viruses. 2016 , 8,		15
710	Partial purification of trypsin/papain inhibitors from <i>Hymenaea courbaril</i> L. seeds and antibacterial effect of protein fractions. 2016 , 43, 11-18		5
709	Bacteriocins and Its Use for Multidrug-Resistant Bacteria Control. 2016 , 329-349		11
708	Diseases and Parasites of Scallops. 2016 , 40, 425-467		11
707	Control of Microbial Activity Using Antimicrobial Packaging. 2016 , 141-152		4
706	The assessment of the coke wastewater treatment efficacy in rotating biological contractor. 2016 , 73, 1202-10		5
705	Leaf application of a sprayable bioplastic-based formulation of biocontrol <i>Aspergillus flavus</i> strains for reduction of aflatoxins in corn. 2016 , 72, 1521-8		10
704	Linkages between oral commensal bacteria and atherosclerotic plaques in coronary artery disease patients. 2016 , 2, 7		61
703	Triclosan Resistome from Metagenome Reveals Diverse Enoyl Acyl Carrier Protein Reductases and Selective Enrichment of Triclosan Resistance Genes. <i>Scientific Reports</i> , 2016 , 6, 32322	4-9	23
702	A review of simulation and modeling approaches in microbiology. 2016 , 6, 845-853		2
701	A novel roseobacter phage possesses features of podoviruses, siphoviruses, prophages and gene transfer agents. <i>Scientific Reports</i> , 2016 , 6, 30372	4-9	30
700	The application of antimicrobial photodynamic therapy (aPDT) in dentistry: a critical review. 2016 , 26,		77
699	Bait and scrape: An approach for assessing biofilm microbial communities on organic media used for gas-phase biofiltration. 2016 , 91, 50-57		2
698	Predicting microbial interactions through computational approaches. 2016 , 102, 12-9		31
697	Role of Microbial Inoculants in Nutrient Use Efficiency. 2016 , 133-142		5
696	Laboratory maintained and wild populations of <i>Hydra</i> differ in their microbiota. 2016 , 66, 931-935		2

695	Foliar penetration enhanced by biosurfactant rhamnolipid. 2016 , 145, 548-554	22
694	Preparation and characterization of nisin-loaded pectin-inulin particles as antimicrobials. 2016 , 72, 518-524	27
693	The multigene families of actinoporins (part II): Strategies for heterologous production in <i>Escherichia coli</i> . 2016 , 118, 64-81	4
692	Effect of <i>Lactobacillus</i> Strains on Intestinal Microflora and Mucosa Immunity in <i>Escherichia coli</i> O157:H7-Induced Diarrhea in Mice. 2016 , 73, 65-70	23
691	Targeting human pathogenic bacteria by siderophores: A proteomics review. 2016 , 145, 153-166	21
690	Host and Parasite Evolution in a Tangled Bank. 2016 , 32, 863-873	31
689	<i>Theobroma cacao</i> L. pathogenesis-related gene tandem array members show diverse expression dynamics in response to pathogen colonization. 2016 , 17, 363	28
688	Effect of <i>Brachionus rubens</i> on the growth characteristics of various species of microalgae. 2016 , 22, 68-74	6
687	Draft genome sequence of the extremely halophilic <i>Halorubrum</i> sp. SAH-A6 isolated from rock salts of the Danakil depression, Ethiopia. 2016 , 10, 30-2	5
686	Ozonization to Upgrade Waste-Derived Soluble Lignin-Like Substances to Higher Value Products. 2016 , 1, 1613-1629	3
685	Modeling antimicrobial tolerance and treatment of heterogeneous biofilms. 2016 , 282, 1-15	9
684	Transcriptomic and proteomic analyses of core metabolism in <i>Clostridium termitidis</i> CT1112 during growth on β -cellulose, xylan, cellobiose and xylose. 2016 , 16, 91	18
683	Antifungal activity of a synthetic human β -defensin 3 and potential applications in cereal-based products. 2016 , 38, 160-168	7
682	Antibacterial properties and reduction of MRSA biofilm with a dressing combining polyabsorbent fibres and a silver matrix. 2016 , 25, 577-584	11
681	Design, synthesis, and biological evaluation of β -hydroxyacyl-AMS inhibitors of amino acid adenylation enzymes. 2016 , 26, 5340-5345	7
680	Effect of green Spanish-style Manzanilla packaging conditions on the prevalence of the putative probiotic bacteria <i>Lactobacillus pentosus</i> TOMC-LAB2. 2016 , 4, 181-97	3
679	Culture-Independent Rapid Detection Methods for Bacterial Pathogens and Toxins in Food Matrices. 2016 , 15, 183-205	142
678	Deciphering the evolution of the functional genes and microbial community of the combined partial nitrification-anammox process with nitrate build-up and its in situ restoration. 2016 , 6, 111702-111712	6

677	The Photobiology of Symbiodinium spp.: Linking Physiological Diversity to the Implications of Stress and Resilience. 2016 , 489-509		32
676	Leishmania-based expression systems. 2016 , 100, 7377-85		7
675	Disentangling the effects of forest-stand type and dead-wood origin of the early successional stage on the diversity of wood-inhabiting fungi. 2016 , 377, 161-169		29
674	Characteristics of eukaryotic microalgal community and its abiotic influencing factors during brown tide blooms near Qinhuangdao, China. 2016 , 57, 1-12		16
673	Characterization of the resistome in manure, soil and wastewater from dairy and beef production systems. <i>Scientific Reports</i> , 2016 , 6, 24645	4-9	63
672	Organophosphate-Hydrolyzing Enzymes as First-Line of Defence Against Nerve Agent-Poisoning: Perspectives and the Road Ahead. 2016 , 35, 424-439		13
671	Autophagy is dispensable to overcome ER stress in the filamentous fungus <i>Aspergillus niger</i> . 2016 , 5, 647-58		4
670	Rhizoremediation of petroleum hydrocarbon, prospects and future. 2016 , 6, 108347-108361		5
669	Molecular cloning, expression and IgE-immunoreactivity of phospholipase A1, a major allergen from <i>Polybia paulista</i> (Hymenoptera: Vespidae) venom. 2016 , 124, 44-52		21
668	Holobionts and the ecology of organisms: Multi-species communities or integrated individuals?. 2016 , 31, 875-892		63
667	Deciphering the Counterplay of <i>Aspergillus fumigatus</i> Infection and Host Inflammation by Evolutionary Games on Graphs. <i>Scientific Reports</i> , 2016 , 6, 27807	4-9	13
666	A <i>Penicillium chrysogenum</i> -based expression system for the production of small, cysteine-rich antifungal proteins for structural and functional analyses. 2016 , 15, 192		41
665	Photosymbiosis in Marine Pelagic Environments. 2016 , 305-332		9
664	Marine Bacteria and Archaea: Diversity, Adaptations, and Culturability. 2016 , 21-55		6
663	Effects of extracts from <i>Echinacea purpurea</i> (L) MOENCH on mice infected with different strains of <i>Toxoplasma gondii</i> . 2016 , 115, 3999-4005		3
662	Bacterial strains isolated from river water having the ability to split alcohol ethoxylates by central fission. 2016 , 23, 14231-9		7
661	Comparative transcriptome analysis of the biocontrol strain <i>Bacillus amyloliquefaciens</i> FZB42 as response to biofilm formation analyzed by RNA sequencing. 2016 , 231, 212-223		29
660	Microbial community structure of two freshwater sponges using Illumina MiSeq sequencing revealed high microbial diversity. 2016 , 6, 40		15

659	Bioactive metabolites produced by <i>Streptomyces Cheonanensis</i> VUK-A from Coringa mangrove sediments: isolation, structure elucidation and bioactivity. <i>3 Biotech</i> , 2016 , 6, 63	2.8	23
658	Patterns and variability in geochemical signatures and microbial activity within and between diverse cold seep habitats along the lower continental slope, Northern Gulf of Mexico. 2016 , 129, 31-40		11
657	Functional Role of Bacteria from Invasive <i>Phragmites australis</i> in Promotion of Host Growth. 2016 , 72, 407-17		26
656	The Gulf of Mexico ecosystem, six years after the Macondo oil well blowout. 2016 , 129, 4-19		64
655	Predicting the bioaccumulation of polyaromatic hydrocarbons and polychlorinated biphenyls in benthic animals in sediments. <i>Science of the Total Environment</i> , 2016 , 563-564, 396-404	10.2	14
654	Assimilation of microbial and plant carbon by active prokaryotic and fungal populations in glacial forefields. 2016 , 98, 30-41		21
653	Conversion of petroleum to methane by the indigenous methanogenic consortia for oil recovery in heavy oil reservoir. 2016 , 171, 646-655		24
652	Myristoylation drives dimerization of matrix protein from mouse mammary tumor virus. 2016 , 13, 2		4
651	Bioinformatics for agriculture in the Next-Generation sequencing era. 2016 , 3,		23
650	Parametric identifier of metabolic network associated to hydrogen production in <i>Escherichia coli</i> based on robust sliding-mode differentiation. 2016 , 5, 1		
649	PMA based real-time fluorescent LAMP for detection of <i>Vibrio parahaemolyticus</i> in viable but nonculturable state. 2016 , 63, 230-238		44
648	<i>Vibrio</i> Iron Transport: Evolutionary Adaptation to Life in Multiple Environments. 2016 , 80, 69-90		64
647	All Three TonB Systems Are Required for <i>Vibrio vulnificus</i> CMCP6 Tissue Invasiveness by Controlling Flagellum Expression. 2016 , 84, 254-65		11
646	Induction of secondary metabolism of <i>Aspergillus terreus</i> ATCC 20542 in the batch bioreactor cultures. 2016 , 100, 3009-22		18
645	Effects of <i>Bacillus amyloliquefaciens</i> ZM9 on bacterial wilt and rhizosphere microbial communities of tobacco. 2016 , 103, 1-12		51
644	Second-Generation Ethanol: The Need is Becoming a Reality. 2016 , 12, 40-57		63
643	Ubiquitous Gammaproteobacteria dominate dark carbon fixation in coastal sediments. <i>ISME Journal</i> , 2016 , 10, 1939-53	11.9	124
642	Modulation of the host transcriptome by <i>Coxiella burnetii</i> nuclear effector Cbu1314. 2016 , 18, 336-45		18

641	Sequence analysis of five endogenous plasmids isolated from <i>Lactobacillus pentosus</i> F03. 2016 , 84-85, 1-10		
640	Recent Advances in Sustainable Production and Application of Biosurfactants in Brazil and Latin America. 2016 , 12, 31-39		19
639	Linking Inflammation, Obesity, and Diabetes. 2016 , 505-524		
638	Nice to meet you: genetic, epigenetic and metabolic controls of plant perception of beneficial associative and endophytic diazotrophic bacteria in non-leguminous plants. 2016 , 90, 561-74		45
637	Biological Control of Cacao Diseases. 2016 , 511-566		5
636	<i>Vitis vinifera</i> microbiome: from basic research to technological development. 2016 , 61, 243-256		23
635	Relevance and analysis of butyric acid producing clostridia in milk and cheese. 2016 , 67, 96-113		48
634	Effect of Cd ²⁺ on phosphate solubilizing abilities and hydrogen peroxide production of soil-borne micromycetes isolated from <i>Phragmites australis</i> -rhizosphere. 2016 , 25, 367-79		5
633	Ecological role of bacterial inoculants and their potential impact on soil microbial diversity. 2016 , 400, 193-207		77
632	Bio-physicochemical effects of gamma irradiation treatment for naphthenic acids in oil sands fluid fine tailings. <i>Science of the Total Environment</i> , 2016 , 539, 114-124	10.2	13
631	Probiotics from the Olive Microbiota. 2016 , 371-389		3
630	Rhamnolipids in perspective: gene regulatory pathways, metabolic engineering, production and technological forecasting. 2016 , 33, 123-35		90
629	Effects of the fungicide pyrimethanil on biofilm and organic matter processing in outdoor lentic mesocosms. 2016 , 25, 121-31		9
628	Use of <i>nrdA</i> gene sequence clustering to estimate the prevalence of different <i>Achromobacter</i> species among Cystic Fibrosis patients in the UK. 2016 , 15, 479-85		30
627	Survival of potential probiotic lactic acid bacteria on fermented green table olives during packaging in polyethylene pouches at 4 and 20 °C. <i>Food Microbiology</i> , 2016 , 53, 71-5	6	16
626	Biological control of <i>Verticillium</i> wilt of olive by <i>Paenibacillus alvei</i> , strain K165. 2016 , 61, 293-303		29
625	Enhancing antidiabetic and antimicrobial performance of , and (L.) using silver nanoparticles. 2017 , 24, 1294-1305		60
624	Urolithins, the rescue of "old" metabolites to understand a "new" concept: Metabotypes as a nexus among phenolic metabolism, microbiota dysbiosis, and host health status. 2017 , 61, 1500901		221

623	Description and characterization of a unique human immunoglobulin G1 kappa idiotype found in placental tissue. 2017 , 50, 84-93		1
622	Outcrop and core integrative ichnofabric analysis of Miocene sediments from Lepe, Huelva (SW Spain): Improving depositional and paleoenvironmental interpretations. 2017 , 349, 62-78		8
621	Human pathogens in plant biofilms: Formation, physiology, and detection. 2017 , 114, 1403-1418		13
620	Insights on the aerobic biodegradation of polymers by analysis of evolved carbon dioxide in simulated composting conditions. 2017 , 137, 251-271		68
619	IutB participates in the ferric-vulnibactin utilization system in <i>Vibrio vulnificus</i> M2799. 2017 , 30, 203-216		5
618	Ectopic Expression of Plant RNA Chaperone Offering Multiple Stress Tolerance in <i>E. coli</i> . 2017 , 59, 66-72		6
617	Recombinant Structural Proteins and Their Use in Future Materials. 2017 , 82, 491-526		8
616	Wood decay rates of 13 temperate tree species in relation to wood properties, enzyme activities and organismic diversities. 2017 , 391, 86-95		86
615	The association of bacterial C-based TTX-like compounds with <i>Prorocentrum minimum</i> opens new uncertainties about shellfish seafood safety. <i>Scientific Reports</i> , 2017 , 7, 40880	4.9	28
614	A novel expression system for lytic polysaccharide monooxygenases. 2017 , 448, 212-219		17
613	Spread of avian pathogenic <i>Escherichia coli</i> ST117 O78:H4 in Nordic broiler production. 2017 , 18, 13		54
612	Fate of rice shoot and root residues, rhizodeposits, and microbial assimilated carbon in paddy soil - part 2: turnover and microbial utilization. 2017 , 416, 243-257		34
611	Specialized activities and expression differences for <i>Clostridium thermocellum</i> biofilm and planktonic cells. <i>Scientific Reports</i> , 2017 , 7, 43583	4.9	16
610	Application of nanoelements in plant nutrition and its impact in ecosystems. 2017 , 8, 013001		77
609	Early serum biomarker networks in infants with distinct retinochoroidal lesion status of congenital toxoplasmosis. 2017 , 95, 102-112		8
608	Aquifer heat storage: abundance and diversity of the microbial community with acetate at increased temperatures. 2017 , 76, 1		4
607	Individual trait variation in phytoplankton communities across multiple spatial scales. 2017 , 39, 577-588		16
606	Sediment anoxia limits microbial-driven seagrass carbon remineralization under warming conditions. 2017 , 93,		45

605	Dietary inclusion effects of phytochemicals as growth promoters in animal production. 2017 , 59, 8	74
604	Biochemicals. 2017 , 141-183	
603	Microbial processes driving coral reef organic carbon flow. 2017 , 41, 575-595	39
602	Hydrothermal carbonization of livestock mortality for the reduction of pathogens and microbially-derived DNA. 2017 , 11, 1	19
601	The paleosymbiosis hypothesis: host plants can be colonised by root symbionts that have been inactive for centuries to millenia. 2017 , 93,	2
600	Genetics and Genomics of Bacteriophages. 2017 , 1-26	0
599	PhyllanthaeEpicephala Mutualistic Interactions on Oceanic Islands in the Pacific. 2017 , 221-248	3
598	Mechanism of plant-mediated synthesis of silver nanoparticles - A review on biomolecules involved, characterisation and antibacterial activity. 2017 , 273, 219-227	183
597	Biological attenuation of arsenic and iron in a continuous flow bioreactor treating acid mine drainage (AMD). 2017 , 123, 594-606	35
596	Probiotic potential of indigenous yeasts isolated during the fermentation of table olives from Northeast of Portugal. 2017 , 44, 167-172	23
595	Bacteriophage Biocontrol in Poultry. 2017 , 59-112	
594	Biparental transmission of Verminephrobacter symbionts in the earthworm Aporetodea tuberculata (Lumbricidae). 2017 , 93,	7
593	Biosurfactant and ethanol co-production using Pseudomonas aeruginosa and Saccharomyces cerevisiae co-cultures and exploded sugarcane bagasse. 2017 , 109, 305-310	11
592	Bioremediation of storage tank bottom sludge by using a two-stage composting system: Effect of mixing ratio and nutrients addition. 2017 , 235, 240-249	30
591	The RNA targetome of Staphylococcus aureus non-coding RNA RsaA: impact on cell surface properties and defense mechanisms. 2017 , 45, 6746-6760	29
590	Ediacaran pre-placozoan diploblasts in the Avalonian biota: the role of chemosynthesis in the evolution of early animal life. 2017 , 448, 211-219	15
589	Trends in recombinant protein use in animal production. 2017 , 16, 40	24
588	Hydrogeochemical reconnaissance of arsenic cycling and possible environmental risk in hydrothermal systems of Taiwan. 2017 , 5, 1-13	25

587	Can DNA sequencing show differences between microbial communities in Polish and Danish wastewater treatment plants?. 2017 , 75, 1447-1454		3
586	T4 bacteriophage conjugated magnetic particles for E. coli capturing: Influence of bacteriophage loading, temperature and tryptone. 2017 , 151, 47-57		14
585	Strong functional integration among multiple parts of the complex male and female genitalia of stink bugs. 2017 , 122, 774-786		5
584	Microbiomes Associated with Animals: Implications for Livestock and Animal Production. 2017 , 41-63		1
583	Cancer as an ecomolecular disease and a neoplastic consortium. 2017 , 1868, 484-499		9
582	Flavonoids and Nod Factors: Importance in Legume-Microbe Interactions and Legume Improvement. 2017 , 75-94		1
581	Small-scale variation of ammonia oxidisers within intertidal sediments dominated by ammonia-oxidising bacteria <i>Nitrosomonas</i> sp. amoA genes and transcripts. <i>Scientific Reports</i> , 2017 , 7, 13200	4.9	12
580	Nanowire sensors monitor bacterial growth kinetics and response to antibiotics. 2017 , 17, 4283-4293		34
579	Combined imaging and molecular techniques for evaluating microbial function and composition: A review. 2017 , 49, 1416-1421		1
578	Bioactive Small Molecules Mediate Microalgal-Bacterial Interactions. 2017 , 279-300		3
577	Advances in the local and targeted delivery of anti-infective agents for management of osteomyelitis. 2017 , 15, 851-860		23
576	Microbial Association in Brown Rice and Their Influence on Human Health. 2017 , 159-181		
575	The mode of antimicrobial action of curcumin depends on the delivery system: monolithic nanoparticles vs. supramolecular inclusion complex. 2017 , 7, 42559-42569		32
574	Negative plant-phylosphere feedbacks in native Asteraceae hosts - a novel extension of the plant-soil feedback framework. 2017 , 20, 1064-1073		28
573	Optimization of expression JTAT protein with emphasis on transformation efficiency and IPTG concentration. 2017 , 15, 515-519		2
572	Counter-diffusion biofilms have lower NO emissions than co-diffusion biofilms during simultaneous nitrification and denitrification: Insights from depth-profile analysis. 2017 , 124, 363-371		56
571	Coupling the pretreatment and hydrolysis of lignocellulosic biomass by the expression of beta-xylosidases. 2017 , 114, 2497-2506		4
570	Variations in biofilm formation, desiccation resistance and Benzalkonium chloride susceptibility among <i>Listeria monocytogenes</i> strains isolated in Canada. 2017 , 257, 254-261		21

569	Maternal modifiers of the infant gut microbiota: metabolic consequences. 2017 , 235, R1-R12	60
568	Paramyxida. 2017 , 805-822	
567	Brucella Genetic Variability in Wildlife Marine Mammals Populations Relates to Host Preference and Ocean Distribution. 2017 , 9, 1901-1912	19
566	Table Olives: Processing, Nutritional, and Health Implications. 2017 , 295-324	1
565	Food Hazards and Quality Control in Table Olive Processing with a Special Reference to Functional Compounds. 2017 , 343-352	
564	Molecular cloning and functional characterization of a monoterpene synthase isolated from the aromatic wild shrub <i>Thymus albicans</i> . 2017 , 218, 35-44	8
563	Profiling the Photochemical-Induced Degradation of Rat Growth Hormone with Extreme Ultra-pressure Chromatography-Mass Spectrometry Utilizing Meter-Long Microcapillary Columns Packed with Sub-2- μ m Particles. 2017 , 80, 1299-1318	5
562	Microbial dynamics in petroleum oilfields and their relationship with physiological properties of petroleum oil reservoirs. 2017 , 245, 1258-1265	59
561	Activation of the c-Jun NH-terminal kinase pathway by coronavirus infectious bronchitis virus promotes apoptosis independently of c-Jun. 2017 , 8, 3215	29
560	Expression of N5-5 in and purification and identification of products. 2017 , 24, 1842-1848	
559	Elucidation of Emerging Nanomaterials Impacts on Antibiotic Resistance Against Soil and Aquatic Microflora. 2017 , 259-281	
558	One pot green preparation of Seabuckthorn silver nanoparticles (SBT@AgNPs) featuring high stability and longevity, antibacterial, antioxidant potential: a nano disinfectant future perspective. 2017 , 7, 51130-51141	16
557	Comparison of DNA-fingerprinting (T-RFLP) and high-throughput sequencing (HTS) to assess the diversity and composition of microbial communities in groundwater ecosystems. 2017 , 67, 45-53	15
556	Interplay between stochastic and deterministic processes in the maintenance of alternative community states in Verrucomicrobia-dominated shallow lakes. 2017 , 93,	7
555	Hydrocarbon degradation potential and plant growth-promoting activity of culturable endophytic bacteria of <i>Lotus corniculatus</i> and <i>Oenothera biennis</i> from a long-term polluted site. 2017 , 24, 19640-19652	48
554	Production of added value bacterial lipids through valorisation of hydrocarbon-contaminated cork waste. <i>Science of the Total Environment</i> , 2017 , 605-606, 677-682	10.2 6
553	Exposure to the leaf litter microbiome of healthy adults protects seedlings from pathogen damage. 2017 , 284,	48
552	Prevalence of plant beneficial and human pathogenic bacteria isolated from salad vegetables in India. 2017 , 17, 64	14

551	Comparison of two commercial broad-range PCR and sequencing assays for identification of bacteria in culture-negative clinical samples. 2017 , 17, 233	15
550	Evaluation of environmental bacterial communities as a factor affecting the growth of duckweed. 2017 , 10, 62	40
549	Establishing symbiotic nitrogen fixation in cereals and other non-legume crops: The Greener Nitrogen Revolution. 2017 , 6,	45
548	Linking microbial community composition to C loss rates during wood decomposition. 2017 , 104, 108-116	45
547	<i>Pseudomonas putida</i> induced response in phenolic profile of tomato seedlings (<i>Solanum lycopersicum</i> L.) infected by <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> . 2017 , 105, 6-12	17
546	Free nitrous acid and pH determine the predominant ammonia-oxidizing bacteria and amount of NO in a partial nitrifying reactor. 2017 , 101, 1673-1683	29
545	Fundamentals of Recombinant DNA Technology. 2017 , 23-58	
544	Type 1 diabetes: a disease of developmental origins. 2017 , 18, 417-421	11
543	Evaluation of an alternative spectroscopic approach for aflatoxin analysis: Comparative analysis of food and feed samples with UPLC/MS/MS. 2017 , 239, 1087-1097	12
542	An initial characterization of aflatoxin B1 contamination of maize sold in the principal retail markets of Kigali, Rwanda. 2017 , 73, 574-580	18
541	Bacterial community structures and ice recrystallization inhibition activity of bacteria isolated from the phyllosphere of the Antarctic vascular plant <i>Deschampsia antarctica</i> . 2017 , 40, 1319-1331	17
540	Morphological, molecular, and ultrastructural characterization of <i>Rozella rhizoclosmatii</i> , a new species in Cryptomycota. 2017 , 121, 1-10	30
539	Microbial Remediation of Organometals and Oil Hydrocarbons in the Marine Environment. 2017 , 41-66	1
538	Antiphage activity of sera during phage therapy in relation to its outcome. 2017 , 12, 109-117	59
537	Purification of small-size acidic proteoglycan-like domain of carbonic anhydrase IX fused with thioredoxine expressed in <i>Escherichia coli</i> for structural characterization. 2017 , 72, 1240-1246	
536	Formidable challenges to the notion of biologically important roles for dietary small RNAs in ingesting mammals. 2017 , 12, 13	13
535	Chemical Profiling and Evaluation of Antioxidant and Anti-Microbial Properties of Selected Commercial Essential Oils: A Comparative Study. 2017 , 4,	10
534	Biosurfactants produced by <i>Scheffersomyces stipitis</i> cultured in sugarcane bagasse hydrolysate as new green larvicides for the control of <i>Aedes aegypti</i> , a vector of neglected tropical diseases. 2017 , 12, e0187125	17

533	Idelalisib. 2017 , 591-608	1
532	Probiotics in Nondairy Products. 2017 , 809-835	6
531	Expression of naturally ionic liquid-tolerant thermophilic cellulases in <i>Aspergillus niger</i> . 2017 , 12, e0189604	8
530	Isolation and characterization of a N4-like lytic bacteriophage infecting <i>Vibrio splendidus</i> , a pathogen of fish and bivalves. 2017 , 12, e0190083	18
529	Using null models to infer microbial co-occurrence networks. 2017 , 12, e0176751	38
528	The abundance and diversity of arbuscular mycorrhizal fungi are linked to the soil chemistry of screes and to slope in the Alpic paleo-endemic <i>Berardia subacaulis</i> . 2017 , 12, e0171866	28
527	Multidomain analyses of a longitudinal human microbiome intestinal cleanout perturbation experiment. 2017 , 13, e1005706	45
526	Investigating the physiology of viable but non-culturable bacteria by microfluidics and time-lapse microscopy. 2017 , 15, 121	78
525	Lrp, a global regulator, regulates the virulence of <i>Vibrio vulnificus</i> . 2017 , 24, 54	7
524	A versatile one-step CRISPR-Cas9 based approach to plasmid-curing. 2017 , 16, 135	40
523	Prediction of expression performance in microtiter plates by analyzing only the temporal development of scattered light during culture. 2017 , 11, 20	11
522	Detection of <i>Listeria</i> spp. in food handling areas of retail food stores in the state of Pernambuco, Brazil. 2017 , 20,	
521	<i>Shewanella</i> algae Bacteremia in an End-stage Renal Disease Patient: A Case Report and Review of the Literature. 2017 , 56, 729-732	10
520	Expression, Purification and Functional Assessment of Smallest Isoform of Human Interleukin-24 in <i>Escherichia coli</i> . 2017 , 60,	3
519	Functional richness: Overview of indices and underlying concepts. 2018 , 87, 34-44	25
518	Fiber-Rich Dietary Patterns and Colonic Microbiota in Aging and Disease. 2018 , 119-144	1
517	Ability of Shiga toxigenic <i>Escherichia coli</i> to survive within dry-surface biofilms and transfer to fresh lettuce. 2018 , 269, 52-59	16
516	A simple method to evaluate the toxicity of functional additives used in shrimp aquaculture. 2018 , 5, 90-95	6

515	Draft genome sequences of bacteria isolated from the <i>Deschampsia antarctica</i> phyllosphere. 2018 , 22, 537-552	8
514	Bacterial Succession Decreases Network Complexity During Plant Material Decomposition in Mangroves. 2018 , 76, 954-963	13
513	Therapeutic properties of lectins in herbal supplements. 2018 , 17, 627-643	4
512	Handheld Raman Spectrometer Instrumentation for Quantitative Tuberculosis Biomarker Detection: A Performance Assessment for Point-of-Need Infectious Disease Diagnostics. 2018 , 72, 1104-1115	13
511	Sediment Microbial Fuel Cells in Relation to Anaerobic Digestion Technology. 2018 , 33-53	
510	Hawaiian <i>Drosophila</i> as an Evolutionary Model Clade: Days of Future Past. 2018 , 40, e1700246	8
509	Identification, characterization and selection of autochthonous lactic acid bacteria as probiotic for feedlot cattle. 2018 , 212, 99-110	13
508	Advances, Problems, and Prospects of Genetic Transformation of Fungi. 2018 , 52, 139-154	8
507	Study of pandrug and heavy metal resistance among <i>E. coli</i> from anthropogenically influenced Delhi stretch of river Yamuna. 2018 , 49, 471-480	6
506	A lytic bacteriophage of the newly emerging rainbow trout pathogen <i>Weissella ceti</i> . 2018 , 247, 34-39	7
505	Tilapia fish microbial spoilage monitored by a single optical gas sensor. 2018 , 89, 72-76	39
504	Fluorescent-magnetic Janus nanorods for selective capture and rapid identification of foodborne bacteria. 2018 , 260, 1004-1011	22
503	Differentiating between biogenic and thermogenic sources of natural gas in coalbed methane reservoirs from the Illinois Basin using noble gas and hydrocarbon geochemistry. 2018 , 468, 151-188	21
502	Bipartite Network Analysis of Gene Sharings in the Microbial World. 2018 , 35, 899-913	23
501	iTRAQ-based proteomic analysis of the viable but nonculturable state of <i>Vibrio parahaemolyticus</i> ATCC 17802 induced by food preservative and low temperature. 2018 , 85, 369-375	13
500	The eukaryotic linear motif resource - 2018 update. 2018 , 46, D428-D434	129
499	Deciphering the bacterial and fungal communities in clubroot-affected cabbage rhizosphere treated with <i>Bacillus Subtilis</i> XF-1. 2018 , 256, 12-22	32
498	Viability assay of <i>E. coli</i> O157: H7 treated with electrolyzed oxidizing water using flow cytometry. 2018 , 88, 47-53	17

497	A gold nanoparticle-single-chain fragment variable antibody as an immunoprobe for rapid detection of morphine by dipstick.. 2018 , 8, 1511-1518	27
496	Influence of feedstock-to-inoculum ratio on performance and microbial community succession during solid-state thermophilic anaerobic co-digestion of pig urine and rice straw. 2018 , 252, 127-133	33
495	Linking soil biology and chemistry in biological soil crust using isolate exometabolomics. 2018 , 9, 19	83
494	Soil bacterial community responses to altered precipitation and temperature regimes in an old field grassland are mediated by plants. 2018 , 94,	29
493	The impact of soil treatments on black pod rot (caused by <i>Phytophthora megakarya</i>) of cacao in Cameroon. 2018 , 123, 9-17	5
492	From Mycorrhizosphere to Rhizosphere Microbiome: The Paradigm Shift. 2018 , 487-500	7
491	Characterization and competitive ability of non-aflatoxigenic <i>Aspergillus flavus</i> isolated from the maize agro-ecosystem in Argentina as potential aflatoxin biocontrol agents. 2018 , 277, 58-63	7
490	Advances in algal-prokaryotic wastewater treatment: A review of nitrogen transformations, reactor configurations and molecular tools. 2018 , 217, 845-857	25
489	High yield bacterial expression, purification and characterisation of bioactive Human Touselled-like Kinase 1B involved in cancer. <i>Scientific Reports</i> , 2018 , 8, 4796	4-9 8
488	SAMHD1: Recurring roles in cell cycle, viral restriction, cancer, and innate immunity. 2018 , 51, 96-110	20
487	Antimicrobial resistance in aquaculture: Current knowledge and alternatives to tackle the problem. 2018 , 52, 135-143	189
486	Changes in microbial water quality in RAS following altered feed loading. 2018 , 81, 80-88	11
485	Nontronite-enhanced biodegradation of Deepwater Horizon crude oil by <i>Alcanivorax borkumensis</i> . 2018 , 158, 11-20	14
484	Efficient osmolyte-based procedure to increase expression level and solubility of infectious hematopoietic necrosis virus (IHNV) nucleoprotein in <i>E. coli</i> . 2018 , 102, 4087-4100	8
483	Protein profile in <i>Aspergillus nidulans</i> recombinant strains overproducing heterologous enzymes. 2018 , 11, 346-358	8
482	Application of commercial biocides to lichens: Does a physiological recovery occur over time?. 2018 , 129, 189-194	13
481	Melding the Old with the New: Trends in Methods Used to Identify, Monitor, and Control Microorganisms on Cultural Heritage Materials. 2018 , 76, 64-80	51
480	New biocide for eco-friendly biofilm removal on outdoor stone monuments. 2018 , 131, 19-28	19

479	Bacterial community dynamics in the rhizosphere of a long-lived, leguminous shrub across a 40-year age sequence. 2018 , 18, 76-84		14
478	Influence of resistance breeding in common bean on rhizosphere microbiome composition and function. <i>ISME Journal</i> , 2018 , 12, 212-224	11.9	147
477	How to secure the meat chain against toxicants?. 2018 , 46, 74-82		12
476	Inoculant rhizobia suppressed root-knot disease, and enhanced plant productivity and nutrient uptake of some field-grown food legumes. 2018 , 68, 166-174		8
475	Biocontrol of Fusarium wilt of Capsicum annum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential. 2018 , 150, 831-846		15
474	The rhizosphere and root exudates of maize seedlings drive plasmid mobilization in soil. 2018 , 124, 194-202		8
473	Selection of Highly Expressed Gene Variants in Escherichia coli Using Translationally Coupled Antibiotic Selection Markers. 2018 , 1671, 259-268		2
472	Withering syndrome susceptibility of northeastern Pacific abalones: A complex relationship with phylogeny and thermal experience. 2018 , 151, 91-101		15
471	Thermophilic bacterial communities inhabiting the microbial mats of "indifferent" and chalybeate (iron-rich) thermal springs: Diversity and biotechnological analysis. 2018 , 7, e00560		13
470	Fiber in Type 2 Diabetes Prevention and Management. 2018 , 227-249		
469	Connection Between Fiber, Colonic Microbiota, and Health Across the Human Life Cycle. 2018 , 67-93		1
468	Cell-free production of pore forming toxins: Functional analysis of thermostable direct hemolysin from. 2018 , 18, 140-148		4
467	Genetically Modified Microorganisms: Harmful or Helpful?. 2018 , 143-175		5
466	Influence of the combination of last sense codon and stop codon on expression efficiency of green fluorescent protein gene in Escherichia coli when the expression vector pKK223-3. 2018 , 238, 04003		
465	Life in the cystic fibrosis upper respiratory tract influences competitive ability of the opportunistic pathogen. 2018 , 5, 180623		9
464	A taxonomic summary and revision of (). 2018 , 9, 383-399		21
463	Evaluation of Primers Detection Capabilities of the pef Salmonella typhimurium Gene and the fimC Escherichia coli Gene Using Real-Time PCR to Develop Rapid Detection of Food Poisoning Bacteria. 2018 , 1097, 012049		
462	Ecology and evolution of facilitation among symbionts. 2018 , 9, 4869		34

461	Detection of Burkholderia in the seeds of Psychotria punctata (Rubiaceae) - Microscopic evidence for vertical transmission in the leaf nodule symbiosis. 2018 , 13, e0209091	5
460	Antimicrobial photodynamic inactivation of fungal biofilm using amino functionalized mesoporous silica-rose bengal nanoconjugate against Candida albicans. 2018 , 1, e00007	15
459	[Coxiella burnetii and Q fever in Brazil: a public health issue]. 2018 , 23, 4231-4239	4
458	DNA and nanobiosensor technology for the detection of adulteration and microbial contamination in religious food. 2018 , 409-431	1
457	Land use changes: a key ecological driver regulating methanotrophs abundance in upland soils. 2018 , 3, 355-371	24
456	Antimicrobial Peptides. 2018 , 19, 804-811	28
455	Rhamnolipids from disperse the biofilms of sulfate-reducing bacteria. 2018 , 4, 22	33
454	Petroleum hydrocarbon rich oil refinery sludge of North-East India harbours anaerobic, fermentative, sulfate-reducing, syntrophic and methanogenic microbial populations. 2018 , 18, 151	26
453	Isolation and prospection of diazotrophic rhizobacteria associated with sugarcane under organic management. 2018 , 90, 3813-3829	5
452	Analysis of tuberculosis disease through Raman spectroscopy and machine learning. 2018 , 24, 286-291	19
451	Production, purification and characterization of an acid/alkali and thermo tolerant cellulase from Schizophyllum commune NAIMCC-F-03379 and its application in hydrolysis of lignocellulosic wastes. 2018 , 8, 173	50
450	EukRef: Phylogenetic curation of ribosomal RNA to enhance understanding of eukaryotic diversity and distribution. 2018 , 16, e2005849	52
449	Biocompatibility natural effect of rhamnolipids in bioremediation process on different biological systems at the site of contamination. 2018 , 22, 91-102	7
448	Jungle Express is a versatile repressor system for tight transcriptional control. 2018 , 9, 3617	13
447	Antioxidant, Antimicrobial, and Fungicidal Properties of Chitosan Based Films (Review). 2018 , 54, 449-458	23
446	Notes for genera: basal clades of Fungi (including Aphelidiomycota, Basidiobolomycota, Blastocladiomycota, Calcarisporiellomycota, Caulochytriomycota, Chytridiomycota, Entomophthoromycota, Glomeromycota, Kickxellomycota, Monoblepharomycota, Mortierellomycota, Mucoromycota, Neocallimastigomycota, Olpidiomycota, Rozellomycota and	52
445	Antimicrobial promotion of pig growth is associated with tissue-specific remodeling of bile acid signature and signaling. <i>Scientific Reports</i> , 2018 , 8, 13671	4-9 10
444	Co-evolution networks of HIV/HCV are modular with direct association to structure and function. 2018 , 14, e1006409	10

443	Willingness of veterinarians in Australia to recommend Q fever vaccination in veterinary personnel: Implications for workplace health and safety compliance. 2018 , 13, e0198421	4
442	Dietary Inclusion of a Mixed Powder of Medicinal Plant Leaves Enhances the Feed Efficiency and Immune Function in Broiler Chickens. 2018 , 2018, 1-6	9
441	Land use driven change in soil pH affects microbial carbon cycling processes. 2018 , 9, 3591	152
440	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. 2018 , 9, 1962	38
439	Immobilization of antimicrobial peptides from <i>Lactobacillus sakei</i> subsp. <i>sakei</i> 2a in bacterial cellulose: Structural and functional stabilization. 2018 , 17, 25-29	18
438	Incorporation of Metallic Nanoparticles into Cosmetic Preparations and Assessment of Their Physicochemical and Utility Properties. 2018 , 21, 575-591	7
437	Pico- and Nanophytoplankton Dynamics in Two Coupled but Contrasting Coastal Bays in the NW Mediterranean Sea (France). 2018 , 41, 2039-2055	10
436	Distinctive antagonistic role of new <i>Enterococcus faecium</i> ER-3M strain and its bacteriocin effect against <i>Staphylococcus aureus</i> Pneumonia. 2018 , 29, 675-690	3
435	Detection and Verification of the Viable but Nonculturable (VBNC) State of <i>Escherichia coli</i> O157:H7 and <i>Listeria monocytogenes</i> Using Flow Cytometry and Standard Plating. 2018 , 83, 1913-1920	20
434	Reduction of <i>C. jejuni</i> may require complex approach. 2018 , 16, 422-426	1
433	Skin mucosome activity as an indicator of <i>Batrachochytrium salamandrivorans</i> susceptibility in salamanders. 2018 , 13, e0199295	15
432	Bacterial endophytes isolated from mountain-cultivated ginseng (<i>Panax ginseng</i> Mayer) have biocontrol potential against ginseng pathogens. 2018 , 126, 97-108	11
431	Basic and Applied Concepts of Edible Packaging for Foods. 2018 , 1-61	16
430	Saponins and microbial biosurfactants: Potential raw materials for the formulation of cosmetics. 2018 , 34, 1482-1493	43
429	Thiol-maleimide poly(ethylene glycol) crosslinking of L-asparaginase subunits at recombinant cysteine residues introduced by mutagenesis. 2018 , 13, e0197643	8
428	Biopreservatives as Agents to Prevent Food Spoilage. 2018 , 235-270	1
427	Drivers of flea (Siphonaptera) community structure in sympatric wild carnivores in northwestern Mexico. 2018 , 43, 15-25	5
426	Molecular characterization of <i>bmyC</i> gene of the mosquito pupicidal bacteria, <i>Bacillus amyloliquefaciens</i> (VCRC B483) and in silico analysis of bacillomycin D synthetase C protein. 2018 , 34, 116	1

425	Lactic Acid Bacteria From Nature Through Food to Health. 2018 , 91-133		6
424	Standardized Cloning and Curing of Plasmids. 2018 , 1772, 469-476		3
423	Antimicrobial activity of extracts and phthalides occurring in Apiaceae plants. 2018 , 32, 1459-1487		9
422	Metabolic capability and in situ activity of microorganisms in an oil reservoir. 2018 , 6, 5		43
421	Establishment of incubation conditions to optimize the in vitro formation of mature <i>Listeria monocytogenes</i> biofilms on food-contact surfaces. 2018 , 92, 240-248		34
420	<i>Salmonella</i> spp. in the fish production chain: a review. 2018 , 48,		15
419	Nicotinamide mononucleotide (NMN) production in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2018 , 8, 12278	4.9	11
418	Application of a Dynamic Method for the Volumetric Mass Transfer Coefficient Determination in the Scale-Up of Rhamnolipid Biosurfactant Production. 2018 , 21, 827-833		3
417	Evaluation of a novel cocktail of six lytic bacteriophages against Shiga toxin-producing <i>Escherichia coli</i> in broth, milk and meat. <i>Food Microbiology</i> , 2018 , 76, 434-442	6	26
416	Monitoring plasmid-mediated horizontal gene transfer in microbiomes: recent advances and future perspectives. 2018 , 99, 56-67		33
415	Effects of Nonthermal Plasma Technology on Functional Food Components. 2018 , 17, 1379-1394		52
414	Tolerance and metabolic response of VLB120 towards biomass hydrolysate-derived inhibitors. 2018 , 11, 199		9
413	A comparison of methods to assess the antimicrobial activity of nanoparticle combinations on bacterial cells. 2018 , 13, e0192093		52
412	Sponges-Cyanobacteria associations: Global diversity overview and new data from the Eastern Mediterranean. 2018 , 13, e0195001		19
411	First field-based evidence of association of <i>Proteus mirabilis</i> causing large scale mortality in Indian major carp farming. 2018 , 495, 435-442		5
410	Intestinal Dysbiosis in Obesity, Metabolic Syndrome and Related Metabolic Diseases: Therapeutic Strategies Utilizing Dietary Modification, Pro- and Prebiotics, and Fecal Microbial Transplant (FMT) Therapy. 2018 , 463-515		
409	Gut Microbiota in Brain Development and Disorders of the CNS: Therapeutic Strategies Involving Dietary Modification, Pro- and Prebiotic Intervention, and Fecal Microbiota Transplantation (FMT) Therapy. 2018 , 517-594		
408	Interplay of S and As in Mekong Delta sediments during redox oscillations. 2019 , 10, 1715-1729		4

407	Unravelling keratin-derived biopolymers as novel biosorbents for the simultaneous removal of multiple trace metals from industrial wastewater. <i>Science of the Total Environment</i> , 2019 , 647, 1539-1546 ^{10.2}	41
406	Physical and nutritional conditions for optimized production of bacteriocins by lactic acid bacteria - A review. 2019 , 59, 2839-2849	17
405	A stealth adhesion factor contributes to <i>Vibrio vulnificus</i> pathogenicity: Flp pili play roles in host invasion, survival in the blood stream and resistance to complement activation. 2019 , 15, e1007767	9
404	Mycorrhizosphere: Microbial Interactions for Sustainable Agricultural Production. 2019 , 321-338	7
403	Ampicillin-treated <i>Lactococcus lactis</i> MG1363 populations contain persisters as well as viable but non-culturable cells. <i>Scientific Reports</i> , 2019 , 9, 9867	4.9 7
402	Acceptable Alternative Growth Promoters for Organic Farm Animal Production. 2019 , 345-363	2
401	Re-addressing the biosafety issues of plant growth promoting rhizobacteria. <i>Science of the Total Environment</i> , 2019 , 690, 841-852	10.2 51
400	Complete genome sequence of the <i>Sulfolobus acidophilus</i> strain HS-1, the first crenarchaeon that lacks polB3, isolated from an acidic hot spring in Ohwaku-dani, Hakone, Japan. 2019 , 12, 444	7
399	Use of wastes for sophorolipids production as a transition to circular economy: state of the art and perspectives. 2019 , 18, 413-435	20
398	Assessment of predatory bacteria and prey interactions using culture-based methods and EMA-qPCR. 2019 , 228, 126305	6
397	Enhancement of rhamnolipid production through ultrasound application and response surface methodology. 2019 , 85, 29-34	11
396	A modified Monod rate law for predicting variable S isotope fractionation as a function of sulfate reduction rate. 2019 , 258, 174-194	3
395	Context matters: Fracking attitudes, knowledge and trust in three communities in Alberta, Canada. 2019 , 6, 1325-1332	5
394	Measuring light scattering and absorption in corals with Inverse Spectroscopic Optical Coherence Tomography (ISOCT): a new tool for non-invasive monitoring. <i>Scientific Reports</i> , 2019 , 9, 14148	4.9 4
393	Discovery and implementation of a novel pathway for γ -butanol production via 2-oxoglutarate. 2019 , 12, 230	9
392	Prebiotic potential of natural gums and starch for bifidobacteria of variable origins. 2019 , 20, 100199	10
391	The role of the brain-gut-microbiota axis in psychology: The importance of considering gut microbiota in the development, perpetuation, and treatment of psychological disorders. 2019 , 9, e01408	22
390	Enhanced methane fermentation of municipal sewage sludge by microbial electrochemical systems integrated with anaerobic digestion. 2019 , 44, 30357-30366	16

389	Application of <i>gyrB</i> targeted SYBR green based qPCR assay for the specific and rapid detection of <i>Vibrio vulnificus</i> in seafood. 2019 , 166, 105747		4
388	The core seafloor microbiome in the Gulf of Mexico is remarkably consistent and shows evidence of recovery from disturbance caused by major oil spills. 2019 , 21, 4316-4329		7
387	The role of ear environment in postharvest susceptibility of maize to toxigenic <i>Aspergillus flavus</i> . 2019 , 138, 38-50		2
386	Production of Lysostaphin by Nonproprietary Method Utilizing a Promoter from Toxin-Antitoxin System. 2019 , 61, 774-782		3
385	Antagonistic Endophytic Fungi of <i>Globba pendula</i> Roxb. from Taman Hutan Raya, North Sumatra against <i>Staphylococcus aureus</i> ATCC [®] 29213TM. 2019 , 305, 012003		1
384	CO-INOCULATION OF GROWTH PROMOTING BACTERIA AND <i>Glomus clarum</i> IN MICROPROPAGATED CASSAVA PLANTS. 2019 , 32, 152-166		5
383	Capability for arsenic mobilization in groundwater is distributed across broad phylogenetic lineages. 2019 , 14, e0221694		6
382	Probiotic strains improve high-fat diet-induced hypercholesterolemia through modulating gut microbiota in ways different from atorvastatin. 2019 , 10, 6098-6109		9
381	Microbiome and imputed metagenome study of crude and refined petroleum-oil-contaminated soils: Potential for hydrocarbon degradation and plant-growth promotion. 2019 , 44, 1		19
380	Removal characteristics of a composite active medium for remediation of nitrogen-contaminated groundwater and metagenomic analysis of degrading bacteria. 2019 , 254, 113053		8
379	RNA-based qPCR as a tool to quantify and to characterize dual-species biofilms. <i>Scientific Reports</i> , 2019 , 9, 13639	4-9	16
378	Investigating the dispersal of antibiotic resistance associated genes from manure application to soil and drainage waters in simulated agricultural farmland systems. 2019 , 14, e0222470		12
377	Foliar endophytic fungi alter patterns of nitrogen uptake and distribution in <i>Theobroma cacao</i> . 2019 , 222, 1573-1583		42
376	The SseL protein inhibits the intracellular NF- κ B pathway to enhance the virulence of <i>Salmonella Pullorum</i> in a chicken model. 2019 , 129, 1-6		9
375	Identification of Essential Genes of for Establishment of Wound Infection by Signature-Tagged Mutagenesis. <i>Frontiers in Microbiology</i> , 2019 , 10, 123	5-7	8
374	Shifts in the anammox bacterial community structure and abundance in sediments from the Changjiang Estuary and its adjacent area. 2019 , 42, 383-396		11
373	Kombucha Drink: Production, Quality, and Safety Aspects. 2019 , 259-288		20
372	Use of antibiotics to control endophytic bacterial growth migration onto culture medium in <i>Eucalyptus cloeziana</i> F.Muell.: a micropropagation approach. 2019 , 55, 421-432		2

371	Phenotypic variations in persistence and infectivity between and within environmentally transmitted pathogen populations impact population-level epidemic dynamics. 2019 , 19, 449	3
370	Enhanced methane production from acetate intermediate by bioelectrochemical anaerobic digestion at optimal applied voltages. 2019 , 127, 105261	25
369	Comparing flow cytometry with culture-based methods for microbial monitoring and as a diagnostic tool for assessing drinking water treatment processes. 2019 , 130, 104893	19
368	Deciphering extracellular antibiotic resistance genes (eARGs) in activated sludge by metagenome. 2019 , 161, 610-620	44
367	Assessment of the use of compost stability as an indicator of alkane and aromatic hydrocarbon degrader abundance in green waste composting materials and finished composts for soil bioremediation application. 2019 , 95, 365-369	6
366	Tetrabromobisphenol A (TBBPA) inhibits denitrification via regulating carbon metabolism to decrease electron donation and bacterial population. 2019 , 162, 190-199	32
365	Potential of dynamic bacterial communities in the bio-corrosion process: a proof study with surface morphology of metal coupons. 2019 , 9, 17040-17050	5
364	Selection and analysis of bacteriophage-insensitive mutants of <i>Streptococcus thermophilus</i> isolated in Ukraine. 2019 , 72, 515-523	3
363	Virulence of <i>Leuconostoc</i> phages: Influence of stress conditions associated to dairy processes on their host-phage interactions. 2019 , 303, 26-31	1
362	Study on growth and ascomycin production by <i>Streptomyces hygrosopicus</i> subsp. <i>Ascomyceticus</i> . 2019 , 19, 101159	1
361	Harnessing Endophytes as Biocontrol Agents. 2019 , 189-218	9
360	Bacterial communities protect the alga <i>Microchloropsis salina</i> from grazing by the rotifer <i>Brachionus plicatilis</i> . 2019 , 40, 101500	9
359	A Mechanistic Model of Microbially Mediated Soil Biogeochemical Processes: A Reality Check. 2019 , 33, 620-648	24
358	Exploring co-occurrence patterns between organic micropollutants and bacterial community structure in a mixed-use watershed. 2019 , 21, 867-880	8
357	Molecular Biotechnology: From DNA Sequence to Therapeutic Protein. 2019 , 1-18	0
356	Application of new biotechnologies for improvements in swine nutrition and pork production. 2019 , 10, 28	9
355	The vertical distribution of Thaumarchaeota in the water column of Lake Malawi inferred from core and intact polar tetraether lipids. 2019 , 132, 37-49	9
354	<i>Vibrio</i> spp. from Yesso scallop (<i>Patinopecten yessoensis</i>) demonstrating virulence properties and antimicrobial resistance. 2019 , 39, e12634	7

353	A rapid method for the determination of mycotoxins in edible vegetable oils by ultra-high performance liquid chromatography-tandem mass spectrometry. 2019 , 288, 22-28	40
352	Ocean acidification impacts on coral reefs: From sciences to solutions. 2019 , 28, 100558	11
351	Effects of antimicrobial exposure on detrital biofilm metabolism in urban and rural stream environments. <i>Science of the Total Environment</i> , 2019 , 666, 1151-1160	10.2 6
350	Carbon Cycle Implications of Soil Microbial Interactions. 2019 , 1-29	
349	Changes in immune responses of <i>Helicoverpa armigera</i> HBner followed by feeding on Knotgrass, <i>Polygonum persicaria</i> agglutinin. 2019 , 101, e21543	4
348	Rarity of microbial species: In search of reliable associations. 2019 , 14, e0200458	8
347	Chromatography: Separation Techniques in Biology. 2019 , 123-152	0
346	Protective effect of glycerol and PEG-methyl ether methacrylate coatings on viability of alginate-immobilized <i>Synechococcus elongatus</i> after cold storage. 2019 , 31, 2289-2297	1
345	Dispersal of potentially pathogenic bacteria by plastic debris in Guanabara Bay, RJ, Brazil. 2019 , 141, 561-568	55
344	High-quality draft genome sequence of <i>Gaiella occulta</i> isolated from a 150 meter deep mineral water borehole and comparison with the genome sequences of other deep-branching lineages of the phylum Actinobacteria. 2019 , 8, e00840	14
343	Effect of brine composition on yeast biota associated with naturally fermented Nocellara messinese table olives. 2019 , 109, 163-170	6
342	Feeding modes shape the acquisition and structure of the initial gut microbiota in newborn lambs. 2019 , 21, 2333-2346	20
341	Construction and Characterization of a Medium Copy Number Expression Vector Carrying Auto-Inducible <i>dps</i> Promoter to Overproduce a Bacterial Superoxide Dismutase in <i>Escherichia coli</i> . 2019 , 61, 231-240	3
340	Significance of serum antibodies against HPV E7, Hsp27, Hsp20 and Hp91 in Iranian HPV-exposed women. 2019 , 19, 142	8
339	Flow cytometry and growth-based analysis of the effects of fruit sanitation on the physiology of in orange juice. 2019 , 7, 1072-1083	2
338	Man-made microbial resistances in built environments. 2019 , 10, 968	78
337	Biological treatment of gas pollutants in partitioning bioreactors. 2019 , 54, 239-274	4
336	Biodegradation of modified Poly(lactic acid) based biocomposite films under thermophilic composting conditions. 2019 , 76, 522-536	32

335	Plasmid DNA contaminant in molecular reagents. <i>Scientific Reports</i> , 2019 , 9, 1652	4.9	9
334	Quorum-sensing-regulated virulence factors in <i>Pseudomonas aeruginosa</i> are affected by sub-lethal photodynamic inactivation. 2019 , 26, 8-12		10
333	Partial replacement of nitrogen fertilization with legumes in tropical pasture overseeded with temperate species for the production of steers. 2019 , 157, 628-635		0
332	Mixed-Cropping Between Field Pea Varieties Alters Root Bacterial and Fungal Communities. <i>Scientific Reports</i> , 2019 , 9, 16953	4.9	6
331	Determining the Virulence Properties of ST131 Containing Bacteriocin-Encoding Plasmids Using Short- and Long-Read Sequencing and Comparing Them with Those of Other Lineages. 2019 , 7,		4
330	Epinephrine affects motility, and increases adhesion, biofilm and virulence of <i>Pseudomonas aeruginosa</i> H103. <i>Scientific Reports</i> , 2019 , 9, 20203	4.9	10
329	Enhanced production of recombinant serratiopeptidase in <i>Escherichia coli</i> and its characterization as a potential biosimilar to native biotherapeutic counterpart. 2019 , 18, 215		11
328	Identifying human-induced influence on microbial community: A comparative study in the effluent-receiving areas in Hangzhou Bay. 2019 , 13, 1		6
327	<i>Desulfonauticus</i> . 2019 , 1-4		
326	Genome analysis of deep sea piezotolerant <i>Nesiotobacter exalbescens</i> COD22 and toluene degradation studies under high pressure condition. <i>Scientific Reports</i> , 2019 , 9, 18724	4.9	4
325	The performance of surfactant mixtures at low temperatures. 2019 , 534, 64-71		5
324	Encapsulation of bacteriophage T4 in mannitol-alginate dry microspheres and survival in simulated gastrointestinal conditions. 2019 , 99, 238-243		4
323	Epigenetic alterations caused by aflatoxin b1: a public health risk in the induction of hepatocellular carcinoma. 2019 , 204, 51-71		23
322	State of the Art on the Conventional Processes for Ethanol Production. 2019 , 61-101		3
321	Conversion of renewable substrates for biosurfactant production by <i>Rhizopus arrhizus</i> UCP 1607 and enhancing the removal of diesel oil from marine soil. 2019 , 38, 40-48		24
320	Mechanistic insights into the enzymatic activity and inhibition of the replicative polymerase exonuclease domain from <i>Mycobacterium tuberculosis</i> . 2019 , 74, 17-25		2
319	Human skin microbiota is a rich source of bacteriocin-producing staphylococci that kill human pathogens. 2019 , 95,		52
318	Combined effect of natural antioxidants and antimicrobial compounds during refrigerated storage of nitrite-free frankfurter-type sausage. 2019 , 120, 839-850		63

317	Characterization of antibiotic resistance genes in the sediments of an urban river revealed by comparative metagenomics analysis. <i>Science of the Total Environment</i> , 2019 , 653, 1513-1521	10.2	25
316	Adaptation of <i>Saccharomyces cerevisiae</i> to high pressure (15, 25 and 35 MPa) to enhance the production of bioethanol. 2019 , 115, 352-359		8
315	Performance and kinetics of triclocarban removal by entrapped <i>Pseudomonas fluorescens</i> strain MC46. 2019 , 274, 113-119		16
314	Inactivation of <i>ntcA</i> gene revealed differential proteome expression and induction of some hypothetical proteins in the cyanobacterium <i>Anabaena</i> sp. PCC 7120 and its derivative <i>ntcA</i> mutant under different levels of calcium. 2019 , 153, 784-795		
313	Digester Slurry Management: The One Health Perspective. 2019 , 243-256		1
312	Prevalence of foodborne pathogens isolated from retail freshwater fish and shellfish in China. 2019 , 99, 131-136		15
311	PestLCI 2.0 sensitivity to soil variations for the evaluation of pesticide distribution in Life Cycle Assessment studies. <i>Science of the Total Environment</i> , 2019 , 656, 1021-1031	10.2	7
310	Exploring the Molecular Mechanisms of Extracellular Electron Transfer for Harnessing Reducing Power in METs: Methodologies and Approaches. 2019 , 261-293		0
309	Antibiotic resistance genes distribution in microbiomes from the soil-plant-fruit continuum in commercial <i>Lycopersicon esculentum</i> fields under different agricultural practices. <i>Science of the Total Environment</i> , 2019 , 652, 660-670	10.2	37
308	Insights into direct interspecies electron transfer mechanisms for acceleration of anaerobic digestion of wastes. 2019 , 16, 2133-2142		11
307	Nature Abhors a Vacuum: Highly Diverse Mechanisms Enable Spoilage Fungi to Disperse, Survive, and Propagate in Commercially Processed and Preserved Foods. 2019 , 18, 286-304		10
306	Microbial Remediation of Organic Pollutants. 2019 , 283-303		0
305	Functional Diversity of Bacterial Strategies to Cope With Metal Toxicity. 2019 , 409-426		4
304	Exploring Microbial Diversity and Function in Petroleum Hydrocarbon Associated Environments Through Omics Approaches. 2019 , 171-194		5
303	Effectual Bioprocess Development for Protein Production. 2019 , 203-227		7
302	Molecular recognition of lipopolysaccharide by the lantibiotic nisin. 2019 , 1861, 83-92		11
301	Plant-Microbe Interactions for Bioremediation and Phytoremediation of Environmental Pollutants and Agro-ecosystem Development. 2020 , 415-436		9
300	Metagenomics Approaches in Discovery and Development of New Bioactive Compounds from Marine Actinomycetes. 2020 , 77, 645-656		27

299	Virulence potentials of <i>Bacillus</i> strains recovered from edible snails and survival during culinary preparation. 2020 , 108, 106834	0
298	Response of <i>Shewanella putrefaciens</i> to low temperature regulated by membrane fluidity and fatty acid metabolism. 2020 , 117, 108638	16
297	Defining trait-based microbial strategies with consequences for soil carbon cycling under climate change. <i>ISME Journal</i> , 2020 , 14, 1-9	11.9 169
296	Implications of indoor microbial ecology and evolution on antibiotic resistance. 2020 , 30, 1-15	9
295	Strategies for elimination of foodborne pathogens, their influensive detection techniques and drawbacks. 2020 , 267-286	1
294	DNA synthesis: Replication. 2020 , 171-216	
293	Effects of fermented corn gluten meal on growth performance, plasma metabolites, rumen fermentation and bacterial community of Holstein calves during the pre-weaning period. 2020 , 231, 103866	2
292	Predatory bacteria in combination with solar disinfection and solar photocatalysis for the treatment of rainwater. 2020 , 169, 115281	21
291	A novel concept for the biodegradation mechanism of dianionic catechol with homoprotocatechuate 2,3-dioxygenase: A non-proton-assisted process. <i>Chemosphere</i> , 2020 , 246, 125796 ^{8.4}	1
290	Validation of Alternative Microbiological Method in Non-sterile Pharmaceutical Product Through the Reference Strains and Productive Environment Bioburden. 2020 , 15, 641-650	0
289	Distinct deep subsurface microbial communities in two sandstone units separated by a mudstone layer. 2020 , 24, 267-274	0
288	Macrofungi on large decaying spruce trunks in a Central European old-growth forest: what factors affect their species richness and composition?. 2020 , 19, 53-66	3
287	Enrichment of specific microbial communities by optimum applied voltages for enhanced methane production by microbial electrosynthesis in anaerobic digestion. 2020 , 300, 122624	15
286	Genomic and gene expression evidence of nonribosomal peptide and polyketide production among ruminal bacteria: a potential role in niche colonization?. 2020 , 96,	4
285	Development of a specific nanobody and its application in rapid and selective determination of <i>Salmonella enteritidis</i> in milk. 2020 , 310, 125942	25
284	Cholera and Noncholera Vibrios. 2020 , 493-496	
283	Shrimp disease progression increases the gut bacterial network complexity and abundances of keystone taxa. 2020 , 517, 734802	17
282	Contrasting dissolved organic carbon concentrations in the Bransfield Strait, Northern Antarctic Peninsula: insights into ENSO and SAM effects. 2020 , 212, 103457	6

281	Pullulan Films Containing Rockrose Essential Oil for Potential Food Packaging Applications. 2020 , 9,		16
280	A review of <i>Listeria monocytogenes</i> from meat and meat products: Epidemiology, virulence factors, antimicrobial resistance and diagnosis. 2020 , 87, e1-e20		27
279	Investigation of total aflatoxin in corn and corn products in corn wet-milling industry. <i>Journal of Food Processing and Preservation</i> , 2020 , 44, e14893	2.1	3
278	Microbial growth and carbon use efficiency show seasonal responses in a multifactorial climate change experiment. 2020 , 3, 584		7
277	Efficient process development for high-level production, purification, formulation, and characterization of recombinant mecasermin in <i>Escherichia coli</i> . 2021 , 68, 776-788		0
276	Teichoic acids anchor distinct cell wall lamellae in an apically growing bacterium. 2020 , 3, 314		7
275	A comprehensive spectral assay library to quantify the <i>Escherichia coli</i> proteome by DIA/SWATH-MS. 2020 , 7, 389		7
274	Transaminase-mediated synthesis of enantiopure drug-like 1-(3',4'-disubstituted phenyl)propan-2-amines.. 2020 , 10, 40894-40903		2
273	An insight in bacteriophage based biosensors with focus on their detection methods and recent advancements. 2020 , 20, 101081		13
272	<i>Aspergillus</i> . 2020 , 611-624		0
271	Expression of attack and growth phase genes of <i>Bdellovibrio bacteriovorus</i> in the presence of Gram-negative and Gram-positive prey. 2020 , 235, 126437		4
270	Recombinant expression, purification and PEGylation of Paneth cell peptide (cryptdin-2) with value added attributes against <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2020 , 10, 12164	4.9	8
269	VuuB and IutB reduce ferric-vulnibactin in <i>Vibrio vulnificus</i> M2799. 2020 , 33, 187-200		2
268	Bacteriophages for aquaculture disease control. 2020 , 28, 1925-1938		9
267	Plant endophytes promote growth and alleviate salt stress in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2020 , 10, 12740	4.9	27
266	Two representatives of lamiaceae essential oils and their main components cause changes in glutathione related enzymatic activities. 2020 , 1-7		
265	Accumulation of antibiotic-resistant genes in anaerobic biofilm reactor fed with household chemical products. 2020 , 2, 1320		0
264	Relative electrode size and organic load effects on the energy storage efficiency of microbial electrolysis cells. 2020 , 11, 100518		4

263	MARTX Toxin-Stimulated Interplay between Human Cells and <i>Vibrio vulnificus</i> . 2020 , 5,	6
262	Non-ribosomal Peptides from Marine-derived Fungi. 2020 , 2261-2322	1
261	Determination and characterisation of the surface charge properties of the bacteriophage M13 to assist bio-nanoengineering.. 2020 , 10, 25385-25392	11
260	Spatiotemporal Regulation of Exotoxins by HlyU and Other Transcriptional Regulators. 2020 , 12,	3
259	Comprehensive genome based analysis of <i>Vibrio parahaemolyticus</i> for identifying novel drug and vaccine molecules: Subtractive proteomics and vaccinomics approach. 2020 , 15, e0237181	7
258	Bioprospecting of fruit extract and endophytic bacteria isolated from dewandaru (<i>Eugenia uniflora</i> L.) as antibacterial against colorectal bacteria. 2020 , 457, 012048	1
257	Isolation and characterization of plant growth promoting rhizobacteria and their biocontrol efficacy against phytopathogens of tomato (<i>Solanum lycopersicum</i> L.). 2020 , 1-7	2
256	Lactic Acid Bacteria: Food Safety and Human Health Applications. 2020 , 1, 202-232	38
255	Microbial detection and identification methods: Bench top assays to omics approaches. 2020 , 19, 3106-3129	34
254	Rapid visual detection of <i>Vibrio parahaemolyticus</i> in seafood samples by loop-mediated isothermal amplification with hydroxynaphthol blue dye. 2020 , 36, 76	8
253	Dynamic metabolic adaptation can promote species coexistence in competitive microbial communities. 2020 , 16, e1007896	19
252	Development of a highly efficient production process for recombinant protein expression in <i>Escherichia coli</i> NEB10 β 2020 , 159, 107612	3
251	Sustainable Production of Biosurfactants and Their Applications. 2020 , 159-183	17
250	Effect of subinhibitory exposure to quaternary ammonium compounds on the ciprofloxacin susceptibility of <i>Escherichia coli</i> strains in animal husbandry. 2020 , 20, 155	6
249	Molecular Identification and Characterization of Species and Species in Wild and Cultured Marine Fish from the Eastern Mediterranean Sea. 2020 , 8,	7
248	Oleic acid formation from Stearoyl-CoA and NADH in vitro with a Δ^9 -desaturase KRICT Rt9 recombinant protein. 2020 , 11, 100475	
247	Influence of temperature on microbial growth during processing of kochkäse cheese made from raw and pasteurised milk. 2020 , 109, 104786	7
246	Enhanced growth and β -galactosidase production on using oxygen vectors. <i>3 Biotech</i> , 2020 , 10, 298	2.8 2

245	Mining the Yucatan Coastal Microbiome for the Identification of Non-Ribosomal Peptides Synthetase (NRPS) Genes. 2020 , 12,		3
244	Coiled-coil inspired functional inclusion bodies. 2020 , 19, 117		10
243	Dynamic characteristics of immobilized microorganisms for remediation of nitrogen-contaminated groundwater and high-throughput sequencing analysis of the microbial community. 2020 , 267, 114875		8
242	Removal and growth of microorganisms across treatment and simulated distribution at a pilot-scale direct potable reuse facility. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 1370-1387	4.2	1
241	Environmentally friendly rhamnolipid production for petroleum remediation. <i>Chemosphere</i> , 2020 , 252, 126349	8.4	9
240	Nanoconjugates for detection of waterborne bacterial pathogens. 2020 , 363-384		0
239	Fungal spore diversity, community structure, and traits across a vegetation mosaic. 2020 , 45, 100920		3
238	Variable dependency on associated yeast communities influences host range in <i>Drosophila</i> species. 2020 , 129, 964-982		5
237	Photoinactivation of biofilms. 2020 , 295-306		
236	Effect of Graphene Oxide on the Ammonia Removal and Bacterial Community in a Simulated Wastewater Treatment Process. 2020 , 146, 04020097		3
235	Construction of an Efficient Nicotinate Dehydrogenase Expression System in <i>Comamonas testosteroni</i> CNB-2 with Multi-level N-Terminal Engineering. 2020 , 192, 923-934		
234	High genetic similarity between non-typhoidal <i>Salmonella</i> isolated from paired blood and stool samples of children in the Democratic Republic of the Congo. 2020 , 14, e0008377		6
233	Availability of Hydrogen Shapes the Microbial Abundance in Biofilm Anodes based on <i>Geobacter</i> Enrichment. 2020 , 7, 3720-3724		9
232	Bacterial assembly during the initial adhesion phase in wastewater treatment biofilms. 2020 , 184, 116147		12
231	Influence of electrostatic field and conductive material on the direct interspecies electron transfer for methane production. 2020 , 188, 109867		9
230	Deliberate introduction of invisible invaders: A critical appraisal of the impact of microbial inoculants on soil microbial communities. 2020 , 148, 107874		35
229	A novel cyanobacterial geosmin producer, revising GeoA distribution and dispersion patterns in Bacteria. <i>Scientific Reports</i> , 2020 , 10, 8679	4.9	11
228	<i>Dermocystidium</i> sp. (Mesomycetozoea: Dermocystidiaceae) primary ocular infection in a koi carp (<i>Cyprinus carpio</i> var. koi). 2020 , 43, 515-517		1

227	A Cross-System Comparison of Dark Carbon Fixation in Coastal Sediments. 2020 , 34, e2019GB006298		5
226	Sources, quantification techniques, associated hazards, and control measures of mycotoxin contamination of aquafeed. 2020 , 46, 26-37		3
225	Host affinity of endophytic fungi and the potential for reciprocal interactions involving host secondary chemistry. 2020 , 107, 219-228		16
224	FeGenie: A Comprehensive Tool for the Identification of Iron Genes and Iron Gene Neighborhoods in Genome and Metagenome Assemblies. <i>Frontiers in Microbiology</i> , 2020 , 11, 37	5.7	68
223	Comparison of mono-rhamnolipids and di-rhamnolipids on microbial enhanced oil recovery (MEOR) applications. 2020 , 36, e2981		9
222	Bacterial diversity and functional profile of microbial populations on surfaces in public hospital environments in South Africa: A high throughput metagenomic analysis. <i>Science of the Total Environment</i> , 2020 , 719, 137360	10.2	4
221	A potential antifungal and growth-promoting bacterium <i>Bacillus</i> sp. KTMA4 from tomato rhizosphere. 2020 , 142, 104049		13
220	Antibiotic resistance patterns of <i>Pseudomonas</i> spp. isolated from faecal wastes in the environment and contaminated surface water. 2020 , 96,		8
219	The effects of plant extracts on the immune system of livestock. 2020 , 295-310		3
218	Detection of antibiotic resistance and virulence genes of <i>Vibrio</i> strains isolated from ready-to-eat shrimps in Delta and Edo States, Nigeria. 2020 , 129, 17-36		15
217	Colistin resistance in Gram-negative ocular infections: prevalence, clinical outcome and antibiotic susceptibility patterns. 2020 , 40, 1307-1317		1
216	New frontiers against antibiotic resistance: A Raman-based approach for rapid detection of bacterial susceptibility and biocide-induced antibiotic cross-tolerance. 2020 , 309, 127774		10
215	Regulating water reuse for agricultural irrigation: risks related to organic micro-contaminants. 2020 , 32,		56
214	Enhancing the yield of human erythropoietin in <i>Aspergillus niger</i> by introns and CRISPR-Cas9. 2020 , 168, 105570		9
213	Effect of antimicrobial washout from anaerobic digesters on microbial community composition. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 1658-1671	4.2	1
212	Depth patterns and connections between gross nitrogen cycling and soil exoenzyme activities in three northern hardwood forests. 2020 , 147, 107836		10
211	Aflatoxins in the soil ecosystem: an overview of its occurrence, fate, effects and future perspectives. 2020 , 36, 303-309		16
210	Pollutant removal from agricultural drainage water using a novel double-layer ditch with biofilm carriers. 2020 , 310, 123344		6

209	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
208	Technological properties of montmorillonite modified with lactocin 705, AL705 and nisin. <i>Journal of Food Processing and Preservation</i> , 2020 , 44, e14454	2.1	1
207	Fungal evolution: cellular, genomic and metabolic complexity. 2020 , 95, 1198-1232		27
206	International clones of extended-spectrum β -lactamase (CTX-M)-producing <i>Escherichia coli</i> in peri-urban wild animals, Brazil. 2020 , 67, 1804		7
205	Resident microbial communities inhibit growth and antibiotic-resistance evolution of <i>Escherichia coli</i> in human gut microbiome samples. 2020 , 18, e3000465		20
204	Persistence of <i>Brucella abortus</i> lineages revealed by genomic characterization and phylodynamic analysis. 2020 , 14, e0008235		6
203	From conservation to structure, studies of magnetosome associated cation diffusion facilitators (CDF) proteins in Proteobacteria. 2020 , 15, e0231839		2
202	Overexpression, overproduction, purification, and characterization of rhGH in <i>Escherichia coli</i> . 2021 , 68, 122-135		2
201	Free-floating extracellular DNA: Systematic profiling of mobile genetic elements and antibiotic resistance from wastewater. 2021 , 189, 116592		18
200	Regrowth of bacteria after light-based disinfection - What we know and where we go from here. <i>Chemosphere</i> , 2021 , 268, 128850	8.4	12
199	Identification of potential Mpro inhibitors for the treatment of COVID-19 by using systematic virtual screening approach. 2021 , 25, 383-401		32
198	Biodegradable plastic mulches: Impact on the agricultural biotic environment. <i>Science of the Total Environment</i> , 2021 , 750, 141228	10.2	48
197	A history of antimicrobial drugs in animals: Evolution and revolution. 2021 , 44, 137-171		15
196	Ameliorative Impact of an Extract of the Halophyte <i>Arthrocnemum macrostachyum</i> on Growth and Biochemical Parameters of Soybean Under Salinity Stress. 2021 , 40, 1245-1256		28
195	Microbial biosurfactants: A broad analysis of properties, applications, biosynthesis, and techno-economical assessment of rhamnolipid production. 2021 , 37, e3093		14
194	A window into the abiotic carbon cycle \square Acetate and formate in fracture waters in 2.7 billion year-old host rocks of the Canadian Shield. 2021 , 294, 295-314		12
193	Review of the relationships among polysaccharides, gut microbiota, and human health. 2021 , 140, 109858		47
192	Impact of a yeast-based dietary supplement on the intestinal microbiome of rainbow trout, <i>Oncorhynchus mykiss</i> . 2021 , 52, 1594-1604		1

191	Sulfide alters microbial functional potential in a methane and nitrogen cycling biofilm reactor. 2021 , 23, 1481-1495	5
190	The role of low-temperature 18O exchange in the isotopic evolution of deep subsurface fluids. 2021 , 561, 120027	11
189	Biogenic amines in amazonian fish and their health effects are affected by species and season of capture. 2021 , 123, 107773	2
188	Ectoines as novel anti-inflammatory and tissue protective lead compounds with special focus on inflammatory bowel disease and lung inflammation. 2021 , 164, 105389	1
187	Nanoscale zerovalent iron, carbon nanotubes and biochar facilitated the phytoremediation of cadmium contaminated sediments by changing cadmium fractions, sediments properties and bacterial community structure. 2021 , 208, 111510	14
186	Evaluation of rhizoremediation and methane emission in diesel-contaminated soil cultivated with tall fescue (<i>Festuca arundinacea</i>). 2021 , 194, 110606	7
185	ER stress-related molecules induced by Hantaan virus infection in differentiated THP-1 cells. 2021 , 26, 41-50	1
184	Bacterial Community in the Skin Microbiome of Frogs in a Coldspot of Chytridiomycosis Infection. 2021 , 82, 554-558	2
183	A high-rate and stable nitrogen removal from reject water in a full-scale two-stage AMX system. 2021 , 83, 652-663	1
182	Climate Change and Aflatoxins Contamination in the Iberian Peninsula. 2021 , 168-175	
181	Nutraceuticals in brain health. 2021 , 409-439	1
180	Lactic Bacterium and Bacillus Sp. Biofilms Can Decrease the Viability of Salmonella Gallinarum, Salmonella Heidelberg, Campylobacter Jejuni and Methicillin Resistant Staphylococcus Aureus on Different Substrates. 2021 , 23,	3
179	The bacterial community of the lone star tick (<i>Amblyomma americanum</i>). 2021 , 14, 49	6
178	Microbial-induced biosurfactant-mediated biocatalytic approach for the bioremediation of simulated marine oil spill. 1	4
177	Intestinal parasites in Przewalski's horses (<i>Equus przewalskii</i>): a field survey at the Hortobágy National Park, Hungary. 2021 , 95, e39	1
176	Metabolite Detection and Antibacterial Activity of Fungal Endophytic Extracts Isolated from Brotowali (<i>Tinospora crispa</i>) Plants using TLC-Bioautography Assay. 1011, 012041	
175	Access and benefit-sharing DNA Componentry for plant synthetic biology: Bioparts expressed in plant chassis.	0
174	Assessing Biotic and Abiotic Interactions of Microorganisms in Amazonia through Co-Occurrence Networks and DNA Metabarcoding. 2021 , 82, 746-760	1

173	Impacts of organics on the microbial ecology of wastewater anammox processes: Recent advances and meta-analysis. 2021 , 191, 116817		30
172	A Reconstructed Common Ancestor of the Fatty Acid Photo-decarboxylase Clade Shows Photo-decarboxylation Activity and Increased Thermostability. 2021 , 22, 1833-1840		5
171	Fresh Crab Plays an Important Role as a Nutrient Reservoir for the Rapid Propagation of. <i>Frontiers in Microbiology</i> , 2021 , 12, 645860	5.7	0
170	Phenotypic properties and genotyping analysis of <i>Bacillus cereus</i> group isolates from dairy and potato products. 2021 , 140, 110853		4
169	The effects of quasi-one-dimensional shock on <i>Escherichia coli</i> while controlling pressure and temperature. 2021 , 359, 114221		0
168	Interferon signaling suppresses the unfolded protein response and induces cell death in hepatocytes accumulating hepatitis B surface antigen. 2021 , 17, e1009228		1
167	Salicylic Acid Biosynthesis and Metabolism: A Divergent Pathway for Plants and Bacteria. 2021 , 11,		7
166	Faecal microbiota transplantation in endocrine diseases and obesity. 2021 , 35, 101483		0
165	Fungal biosurfactants, from nature to biotechnological product: bioprospection, production and potential applications. 2021 , 44, 2003-2034		11
164	Methanogenic crude oil degradation induced by an exogenous microbial community and nutrient injections. 2021 , 201, 108458		2
163	Sensitive and selective determination of triclosan using visual spectroscopy. 2021 , 254, 119623		3
162	Bacterial assembly and succession in the start-up phase of an IFAS metacommunity: The role of AHL-driven quorum sensing. <i>Science of the Total Environment</i> , 2021 , 777, 145870	10.2	4
161	Niche partitioning facilitates coexistence of closely related honey bee gut bacteria. 2021 , 10,		7
160	Purification of multiplex oligonucleotide libraries by synthesis and selection. 2021 ,		4
159	Ecogenomics and Adaptation Strategies of Southern Ocean Viral Communities. <i>MSystems</i> , 2021 , 6, e0039621	9.6	2
158	Application of PCR-HRM method for microsatellite polymorphism genotyping in the LDHA gene of pigeons (<i>Columba livia</i>). 2021 , 16, e0256065		0
157	Hydrologic and nutrient-driven regime shifts of cyanobacterial and eukaryotic algal communities in a large shallow lake: Evidence from empirical state indicator and ecological network analyses. <i>Science of the Total Environment</i> , 2021 , 783, 147059	10.2	4
156	In-silico design of envelope based multi-epitope vaccine candidate against Kyasanur forest disease virus. <i>Scientific Reports</i> , 2021 , 11, 17118	4.9	5

155	Characterization of a novel + 70 Da modification in rhGM-CSF expressed in E. coli using chemical assays in combination with mass spectrometry. 2021 , 1		0
154	Revealing the role of Plant Growth Promoting Rhizobacteria in suppressive soils against f.sp. based on metagenomic analysis. <i>Heliyon</i> , 2021 , 7, e07636	3.6	3
153	Aconitate decarboxylase 1 participates in the control of pulmonary Brucella infection in mice. 2021 , 17, e1009887		3
152	Comparison of droplet digital PCR vs real-time PCR for Yersinia enterocolitica detection in vegetables. 2021 , 354, 109321		5
151	The remediation potential for PAHs of L. combined with an enhanced rhizosphere landscape: A full-scale mesocosm experiment. 2021 , 31, e00657		1
150	Promotion mechanism of self-transmissible degradative plasmid transfer in maize rhizosphere and its application in naphthalene degradation in soil. 2022 , 115, 240-252		0
149	Evaluation of loop-mediated isothermal amplification assay along with conventional and real-time PCR assay for sensitive detection of pathogenic Vibrio parahaemolyticus from seafood sample without enrichment. 2021 , 48, 1009-1016		5
148	Taxonomic and functional analyses reveal existence of virulence and antibiotic resistance genes in beach sand bacterial populations. 2021 , 203, 1753-1766		0
147	Towards a Universal Molecular Approach for the Quality Control of New Foodstuffs. 37-60		1
146	Purification of Membrane Proteins by Affinity Chromatography with On-Column Protease Cleavage. 2020 , 2127, 139-150		3
145	Accelerated Sample Preparation for Fast Salmonella Detection in Poultry Products. 2019 , 1918, 3-20		4
144	Global Scenario of Plant Microbiome for Sustainable Agriculture: Current Advancements and Future Challenges. 2020 , 425-443		7
143	Tubular Photobioreactors. 2015 , 187-212		13
142	Bifidobacterium for Infants: Essence and Efficacy. <i>Microbiology Monographs</i> , 2015 , 39-72	0.8	3
141	Rhizospheric Microflora: A Natural Alleviator of Drought Stress in Agricultural Crops. 2019 , 103-115		6
140	An Introduction of Metagenomics and Its Application in Microbial Fuel Production. 2020 , 265-291		6
139	Microbial System: An Emerging Application in the Bioenergy Production. 2020 , 249-264		5
138	Invasions of Host-Associated Microbiome Networks. 2017 , 201-281		12

137	Abiotic processes dominate soil organic matter mineralization: Investigating the regulatory gate hypothesis by inoculating a previously fumigated soil with increasing fresh soil inocula. 2020 , 373, 114400		3
136	Disentangling immobilization of nitrate by fungi and bacteria in soil to plant residue amendment. 2020 , 374, 114450		8
135	Hyperbaric oxygen treatment increases killing of aggregating <i>Pseudomonas aeruginosa</i> isolates from cystic fibrosis patients. 2019 , 18, 657-664		14
134	Polyphenol supplementation benefits human health via gut microbiota: A systematic review via meta-analysis. 2020 , 66, 103829		60
133	Oil-Spill Triggered Shift in Indigenous Microbial Structure and Functional Dynamics in Different Marine Environmental Matrices. <i>Scientific Reports</i> , 2019 , 9, 1354	4-9	39
132	Participatory evaluation of groundnut planting methods for pre-harvest aflatoxin management in Eastern Province of Zambia. 2019 , 28, 1		5
131	Identification of Bacterial and Fungal Pathogens by rDNA Gene Barcoding in Vitreous Fluids of Endophthalmitis Patients. 2020 , 35, 358-364		7
130	Advances in continuous-flow based microfluidic PCR devices – review. 2020 , 2, 042001		13
129	Comparative co-occurrence network analyses of the cichlid fish gut microbiota: community conservation and diet-associated shifts.		1
128	Influence of plant host and organ, management strategy, and spore traits on microbiome composition.		1
127	Systematic variation in the temperature dependence of bacterial carbon use efficiency.		0
126	Contrasting Variable and Stable Subsurface Microbial Populations: an ecological time series analysis from the Deep Mine Microbial Observatory, South Dakota, USA.		1
125	Response and oil degradation activities of a northeast Atlantic bacterial community to biogenic and synthetic surfactants.		1
124	Trait-based approach to bacterial growth efficiency.		5
123	PhenoGMM: Gaussian mixture modelling of microbial cytometry data enables efficient predictions of biodiversity.		1
122	Root morphology and exudate availability is shaped by particle size and chemistry in <i>Brachypodium distachyon</i> .		2
121	Metabolic overlap in environmentally diverse microbial communities.		1
120	Fate of <i>Listeria</i> on various food contact and noncontact surfaces when treated with bacteriophage. 2020 , 40, e12775		4

119	Different Effects of Wild and Cultivated Soybean on Rhizosphere Bacteria. 2019 , 88, 720-728	1
118	Survey for human polyomaviruses in cancer. 2016 , 1,	26
117	Daptomycin treatment impacts resistance in off-target populations of vancomycin-resistant <i>Enterococcus faecium</i> . 2020 , 18, e3000987	3
116	Inferring Aggregated Functional Traits from Metagenomic Data Using Constrained Non-negative Matrix Factorization: Application to Fiber Degradation in the Human Gut Microbiota. 2016 , 12, e1005252	9
115	Microbial Communities Can Be Described by Metabolic Structure: A General Framework and Application to a Seasonally Variable, Depth-Stratified Microbial Community from the Coastal West Antarctic Peninsula. 2015 , 10, e0135868	88
114	Occurrence of Priming in the Degradation of Lignocellulose in Marine Sediments. 2015 , 10, e0143917	18
113	The effects of elevated seawater temperatures on Caribbean gorgonian corals and their algal symbionts, <i>Symbiodinium</i> spp. 2017 , 12, e0171032	20
112	Enhanced rhamnolipid production by <i>Pseudomonas aeruginosa</i> overexpressing <i>estA</i> in a simple medium. 2017 , 12, e0183857	21
111	Comparative growth rates of cultured marine dinoflagellates in the genus <i>Symbiodinium</i> and the effects of temperature and light. 2017 , 12, e0187707	16
110	Distribution of siderophore gene systems on a <i>Vibrionaceae</i> phylogeny: Database searches, phylogenetic analyses and evolutionary perspectives. 2018 , 13, e0191860	37
109	Water-soluble phenolic compounds produced from extractive ammonia pretreatment exerted binary inhibitory effects on yeast fermentation using synthetic hydrolysate. 2018 , 13, e0194012	22
108	Contaminación versus manifestación endofítica: implicaciones no cultivo in vitro de plantas. 71,	0
107	Enzymes and Dairy Products. 2018 , 1-22	1
106	Transcriptome based Identification of silver stress responsive sRNAs from <i>Bacillus cereus</i> ATCC14579. 2019 , 15, 474-479	2
105	A Robust Platform for Unnatural Amino Acid Mutagenesis in <i>E. coli</i> Using the Bacterial Tryptophanyl-tRNA synthetase/tRNA pair. 2021 , 167304	1
104	Efficient light-harvesting of mesophotic corals is facilitated by coral optical traits.	1
103	Conspecific leaf litter induces negative feedbacks in Asteraceae seedlings. 2021 , 102, e03557	1
102	Control of <i>Listeria monocytogenes</i> growth and virulence in a traditional soft cheese model system based on lactic acid bacteria and a whey protein hydrolysate with antimicrobial activity. 2022 , 361, 109444	5

101	Utilization of drought-tolerant bacterial strains isolated from harsh soils as a plant growth-promoting rhizobacteria (PGPR).. 2022 , 29, 1760-1769	3
100	Chapter 7 Rhizobacteria. 2016 , 241-262	1
99	Paramyxida. 2017 , 1-18	
98	Eukaryotic Synthesis of Nanomaterials. 2017 , 55-78	
97	Immature HIV-1 Lattice Assembly Dynamics are Regulated by Scaffolding from Nucleic Acid and the Plasma Membrane.	0
96	Mutualism between microbial populations in structured environments: the role of geometry in diffusive exchanges.	
95	Direct PCR offers a fast and reliable alternative to conventional DNA isolation methods for animal gut microbiomes.	
94	Microhabitats shape diversity-productivity relationships in freshwater bacterial communities.	0
93	Adaptive metabolic strategies in consumer-resource models.	1
92	Dynamics of Plant Microbiome and Its Effect on the Plant Traits. 2019 , 273-304	1
91	A stealth adhesion factor contributes to <i>Vibrio vulnificus</i> pathogenicity: Fli pili play roles in host invasion, survival in the blood stream and resistance to complement activation.	
90	Regulating Soil Bacterial Diversity, Enzyme Activities and Community Composition Using Residues from Golden Apple Snails.	
89	Evolutionary dynamics of microbial communities in bioelectrochemical systems.	0
88	Identification of a parasitic symbiosis between respiratory metabolisms in the biogeochemical chlorine cycle.	0
87	Phylogenetic and metabolic diversity have contrasting effects on the ecological functioning of bacterial communities.	1
86	food-poisoning outbreak linked to the National School Nutrition Programme, North West province, South Africa. 2019 , 34, 124	3
85	The signal peptide of Cry1Ia can improve the expression of eGFP or mCherry in <i>Escherichia coli</i> and <i>Bacillus thuringiensis</i> and enhance the host's fluorescent intensity. 2020 , 19, 112	0
84	Millimeter-resolution mapping of citrate exuded from soil grown roots using a novel, low-invasive sampling technique.	

83	Environmental patterns of brown moss- and Sphagnum-associated microbial communities. <i>Scientific Reports</i> , 2020 , 10, 22412	4.9	2
82	OBSOLETE: Climate Change and Aflatoxins Contamination in the Iberian Peninsula. 2020 ,		
81	Evaluation of the ability of alkalophilic bacteria to form a biofilm on the surface of Portland cement-based mortars. 2020 , 108, 304		
80	Swine Growth Promotion with Antibiotics or Alternatives can Increase Antibiotic Resistance Gene Mobility Potential.		
79	Detection of the mcr-1 gene in Enteropathogenic Escherichia coli (EPEC) and Shigatoxigenic E. coli (STEC) strains isolated from broilers. 2020 , 40, 165-169		1
78	Combination of aqueous two-phase flotation and inverse transition cycling: Strategies for separation and purification of recombinant β -glucosidase from cell lysis solution. 2021 , 131543		0
77	Annual phytoplankton dynamics in coastal waters from Fildes Bay, Western Antarctic Peninsula.		
76	The gut microbiome stability of a butterflyfish is disrupted on severely degraded Caribbean coral reefs.		1
75	Identification and inactivation of <i>Gordonia</i> , a new chlorine-resistant bacterium isolated from a drinking water distribution system. 2020 , 18, 995-1008		
74	Colistin resistance in Gram-negative bacteria analysed by five phenotypic assays and inference of the underlying genomic mechanisms. 2021 , 21, 321		0
73	Cytotype Affects the Capability of the Whitefly <i>Bemisia tabaci</i> MED Species To Feed and Oviposit on an Unfavorable Host Plant. 2021 , e0073021		
72	Role is in the eye of the beholder - the multiple functions of the antibacterial compound tropodithietic acid produced by marine Rhodobacteraceae.. 2022 ,		1
71	Basal Parasitic Fungi in Marine Food Webs-A Mystery Yet to Unravel.. 2022 , 8,		0
70	Validation that human microbiome phages use alternative genetic coding with TAG stop read as Q.		1
69	ClearColi as a platform for untagged pneumococcal surface protein A production: cultivation strategy, bioreactor culture, and purification.. 2022 , 106, 1011		1
68	Tannin-rich extracts improve the performance of amidated pectin as an alternative microencapsulation matrix to alginate.. 2022 , 5, 243-250		0
67	Comparison of Periplasmic and Cytoplasmic Expression of Bovine Enterokinase Light Chain in <i>E. coli</i> .. 2022 , 41, 157		0
66	Characterization of Biofilm Formation and Structure and Their Inhibition by Pea Defensin d2.. 2022 , 9, 795255		

65	Bacteria and cells as alternative nano-carriers for biomedical applications.. 2022 , 1-16		1
64	Land use indirectly affects the cycling of multiple nutrients by altering the diazotrophic community in black soil.. 2021 ,		0
63	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
62	The filterability of different types of minerals and the role of swelling clays in the filtration of oil sands tailings. 2022 , 316, 123395		0
61	Isolation, characterization and comparative genomics of potentially probiotic <i>Lactiplantibacillus plantarum</i> strains from Indian foods.. <i>Scientific Reports</i> , 2022 , 12, 1940	4.9	2
60	How do artificial bacteria behave in magnetized nanofluid with variable thermal conductivity: application of tumor reduction and cancer cells destruction. 2022 , ahead-of-print,		1
59	Pathogenic potential of bacteria isolated from commercial biostimulants.. 2022 , 204, 162		2
58	Bioremediation of motor oil-contaminated soil and water by a novel indigenous strain DU13 and characterization of its biosurfactant.. <i>3 Biotech</i> , 2022 , 12, 68	2.8	0
57	Effect of water management on microbial diversity and composition in an Italian rice field system.. 2022 ,		1
56	Variations in the Sporulation Efficiency of Pathogenic Freshwater Oomycetes in Relation to the Physico-Chemical Properties of Natural Waters.. 2022 , 10,		0
55	Application of Psychrotolerant Antarctic Bacteria and Their Metabolites as Efficient Plant Growth Promoting Agents.. 2022 , 10, 772891		0
54	Temporal dynamics of the soil bacterial community following invasion.. 2022 , 25, 104185		0
53	No Guts About It: Captivity, But Not Neophobia Phenotype, Influences the Cloacal Microbiome of House Sparrows ().. 2022 , 4, obac010		0
52	Implications of carbon catabolite repression for plant-microbe interactions.. 2022 , 3, 100272		2
51	Quantification of archaea-driven freshwater nitrification from single cell to ecosystem levels.. <i>ISME Journal</i> , 2022 ,	11.9	2
50	Interrogation of Essentiality in the Reconstructed <i>Haemophilus influenzae</i> Metabolic Network Identifies Lipid Metabolism Antimicrobial Targets: Preclinical Evaluation of a FabH \square Ketoacyl-ACP Synthase Inhibitor.. <i>MSystems</i> , 2022 , e0145921	7.6	0
49	Natural Pectin-Based Edible Composite Coatings with Antifungal Properties to Control Green Mold and Reduce Losses of 'Valencia' Oranges.. 2022 , 11,		2
48	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

47	Temperature and precipitation dominates millennium changes of eukaryotic algal communities in Lake Yamzhog Yumco, Southern Tibetan Plateau.. <i>Science of the Total Environment</i> , 2022 , 829, 154636	10.2	1
46	Scarless excision of an insertion sequence restores capsule production and virulence in <i>Acinetobacter baumannii</i> .. <i>ISME Journal</i> , 2021 ,	11.9	1
45	Iron-Utilization System in M2799.. <i>Marine Drugs</i> , 2021 , 19,	6	0
44	Refolding of bioactive human epidermal growth factor from BL21(DE3) inclusion bodies & evaluations on its & bioactivity.. <i>Heliyon</i> , 2022 , 8, e09306	3.6	1
43	ENDOPHYTIC FUNGI AS SOURCES OF ANTIVIRAL COMPOUNDS - A REVIEW.. <i>Chemistry and Biodiversity</i> , 2022 ,	2.5	1
42	Data_Sheet_1.CSV. 2020 ,		
41	Data_Sheet_10.CSV. 2020 ,		
40	Data_Sheet_11.CSV. 2020 ,		
39	Data_Sheet_2.CSV. 2020 ,		
38	Data_Sheet_3.CSV. 2020 ,		
37	Data_Sheet_4.CSV. 2020 ,		
36	Data_Sheet_5.CSV. 2020 ,		
35	Data_Sheet_6.CSV. 2020 ,		
34	Data_Sheet_7.CSV. 2020 ,		
33	Data_Sheet_8.CSV. 2020 ,		
32	Data_Sheet_9.CSV. 2020 ,		
31	Image_1.pdf. 2020 ,		
30	Table_1.xlsx. 2020 ,		

29	Table_2.xlsx. 2020 ,		
28	Table_3.xlsx. 2020 ,		
27	Table_4.xlsx. 2020 ,		
26	Microbial degradation of herbicides in contaminated soils by following computational approaches. 2022 , 399-417		o
25	Halophilic, Acidophilic, Alkaliphilic, Metallophilic, and Radioresistant Fungi: Habitats and Their Living Strategies. 2022 , 171-193		o
24	Experimental Modeling of Carbonate Mineral Precipitation in the Presence of Cyanobacteria. <i>Microbiology Monographs</i> , 2022 , 315-345	0.8	
23	Optimization of biomass production by autochthonous sp MT1A3 as strategy to apply bioremediation in situ in a chronically hydrocarbon-contaminated soil.. <i>3 Biotech</i> , 2022 , 12, 118	2.8	
22	Conventional amphotericin B elicits markers of immunogenic cell death on leukemic blasts, mediates immunostimulatory effects on phagocytic cells, and synergizes with PD-L1 blockade.. <i>Oncolmmunology</i> , 2022 , 11, 2068109	7.2	o
21	Effect of temperature and pH on the <i>Millepora alcicornis</i> and <i>Mussismilia harttii</i> corals in light of a spectral reflectance response. <i>International Journal of Remote Sensing</i> , 2022 , 43, 2475-2502	3.1	
20	Mechanisms of phosphatidylserine influence on viral production: a computational model of Ebola virus matrix protein assembly.. <i>Journal of Biological Chemistry</i> , 2022 , 102025	5.4	o
19	Functional characterization of EGal producing lactic acid bacteria with potential probiotic properties.. <i>Scientific Reports</i> , 2022 , 12, 7484	4.9	o
18	Syntrophy drives the microbial electrochemical oxidation of toluene in a continuous-flow Bioelectric well□ <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107799	6.8	o
17	Chemical composition of <i>Libidibia ferrea</i> var. <i>ferrea</i> aqueous extract for antimicrobial purpose and cytogenotoxicity on human peripheral blood mononuclear cells. <i>South African Journal of Botany</i> , 2022 , 148, 336-343	2.9	
16	Impact of population density and stress adaptation on the internalization of <i>Salmonella</i> in leafy greens. <i>Food Microbiology</i> , 2022 , 106, 104053	6	o
15	Environment Sustainability and Role of Biotechnology. 2022 , 21-64		
14	Automated Search For The Low-lying Energy Isomers of Rhamnolipids and Related Organometallic Complexes.. <i>ChemPhysChem</i> , 2022 ,	3.2	
13	Avenues of sustainable pollutant bioremediation using microbial biofilms. 2022 , 121-153		o
12	Regrowth of <i>Escherichia coli</i> in environmental waters after chlorine disinfection: Shifts in viability and culturability. <i>Environmental Science: Water Research and Technology</i> ,	4.2	

11	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.		
10	Gut microbiota differs between treatment outcomes early after fecal microbiota transplantation against recurrent <i>Clostridioides difficile</i> infection. <i>Gut Microbes</i> , 2022 , 14,	8.8	2
9	Plantation type and afforestation age disclose variable influences on soil microbial compositions in man-made forests in the Xiong'an New Area, China. <i>Land Degradation and Development</i> ,	4.4	0
8	Chemical characterization of riverine sediments affected by wastewater treatment plant effluent discharge. <i>Science of the Total Environment</i> , 2022 , 839, 156305	10.2	
7	Regulation of exogenous acyl homoserine lactones on sludge settling performance: Monitoring via ultrasonic time-domain reflectometry. <i>Chemosphere</i> , 2022 , 303, 135019	8.4	0
6	Pathogenic Mechanisms of Bacterial Foodborne Pathogens. 2022 , 97-140		
5	A metagenomic view on fungal diversity in freshwater lakes.		
4	Physicochemical characterization of ten newly isolated phages against the foodborne pathogen <i>Shigella flexneri</i> . <i>Journal of Food Processing and Preservation</i> ,	2.1	0
3	Molecular and biochemical characterisation of antagonistic mechanisms of the biocontrol agent <i>Bacillus cereus</i> B25 inhibiting the growth of the phytopathogen <i>Fusarium verticillioides</i> P03 during their direct interaction in vitro. <i>Biocontrol Science and Technology</i> , 1-21	1.7	1
2	Guts of the Urban Ecosystem: Microbial Ecology of Sewer Infrastructure. <i>MSystems</i> ,	7.6	1
1	The diversity and utility of arylthiazoline and arylloxazoline siderophores: challenges of total synthesis. 2022 , 12, 25284-25322		0