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## Environmental applications for biosurfactants

DOI: 10.1016/j.envpol.2004.06.009  
Environmental Pollution, 2005, 133, 183-98.

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**Version:** 2024-04-18

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1090	Isolation and characterization of a lipid-degrading bacterium and its application to lipid-containing wastewater treatment. <b>2007</b> , 103, 325-30	47
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1067	Rhamnolipid-biosurfactant permeabilizing effects on gram-positive and gram-negative bacterial strains. <b>2008</b> , 56, 639-44	145
1066	Development of membrane lipids in the surfactin producer <i>Bacillus subtilis</i> . <b>2008</b> , 53, 303-7	10
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1064	Experimental design for the production of tensio-active agent by <i>Candida lipolytica</i> . <b>2008</b> , 35, 907-14	47
1063	Production of biosurfactant by <i>Bacillus subtilis</i> LB5a on a pilot scale using cassava wastewater as substrate. <b>2008</b> , 35, 1071-8	77
1062	Mannosylerythritol lipids: a review. <b>2008</b> , 35, 1559-70	106
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1060	A new application of biosurfactant for the preparation of polycaprolactone/layered silicate nanocomposites. <b>2008</b> , 48, 1524-1531	8
1059	Surfactant Effects on Aeration Performance of Stirred Tank Reactors. <b>2008</b> , 31, 1494-1500	10
1058	Production and properties of a biosurfactant obtained from a member of the <i>Bacillus subtilis</i> group (PTCC 1696). <b>2008</b> , 324, 172-6	82
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1048	Effect of Triton X-100 and rhamnolipid PS-17 on the mineralization of phenanthrene by <i>Pseudomonas</i> sp. cells. <b>2008</b> , 62, 415-420	31
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948	Surfactin: biosynthesis, genetics and potential applications. <b>2010</b> , 672, 316-23	47

947	Surfactin activity depends on the membrane dipole potential. <b>2010</b> , 26, 15092-7	37
946	Biogeochemical interfaces in soil: The interdisciplinary challenge for soil science. <b>2010</b> , 173, 88-99	122
945	Mixing behavior of the biosurfactant, rhamnolipid, with a conventional anionic surfactant, sodium dodecyl benzene sulfonate. <b>2010</b> , 26, 17958-68	54
944	Environmentally friendly biosurfactants produced by yeasts. <b>2010</b> , 672, 250-60	13
943	Molecular engineering aspects for the production of new and modified biosurfactants. <b>2010</b> , 672, 158-69	15
942	Rhamnolipid surfactants: alternative substrates, new strategies. <b>2010</b> , 672, 170-84	17
941	Mixed Experimental Methodologies to Optimize Biosurfactant Production Conditions of <i>Pseudomonas Aeruginosa</i> . <b>2010</b> ,	1
940	Microbial surfactants and their potential applications: an overview. <b>2010</b> , 672, 54-64	55
939	The effect of medium composition on the production of sophorolipids and the tensiometric properties by <i>Starmerella bombicola</i> MTCC 1910. <b>2010</b> , 12, 9-13	20
938	Solution self-assembly and adsorption at the air-water interface of the monorhamnose and dirhamnose rhamnolipids and their mixtures. <b>2010</b> , 26, 18281-92	78
937	Structural and molecular characteristics of lichenysin and its relationship with surface activity. <b>2010</b> , 672, 304-15	34
936	<i>Rhodococcus</i> Biosurfactants: Biosynthesis, Properties, and Potential Applications. <b>2010</b> , 291-313	20
935	Quorum sensing: implications on rhamnolipid biosurfactant production. <b>2010</b> , 27, 159-84	104
934	The Roles of Cyclic Lipopeptides in the Biocontrol Activity of <i>Bacillus subtilis</i> . <b>2010</b> , 59-69	9
933	Biosurfactants. <b>2010</b> ,	31
932	The activity of silver against <i>Escherichia coli</i> biofilm is increased by a lipopeptide biosurfactant. <b>2010</b> , 56, 272-8	24
931	Ion-specific weak adsorption of salts and water/octanol transfer free energy of a model amphiphilic hexapeptide. <b>2011</b> , 13, 6914-24	1
930	Optimization of the Production of Biosurfactant From Iranian Indigenous Bacteria for the Reduction of Surface Tension and Enhanced Oil Recovery. <b>2011</b> , 29, 301-311	8

929	Strategies toward commercial scale of biosurfactant production as potential substitute for it's chemically counterparts. <b>2011</b> , 12, 66	37
928	Bioactive Compounds Hold Up- <i>Bacillus amyloliquefaciens</i> as a Potent Bio-Control Agent. <b>2011</b> , 1, 20-28	2
927	Self-assembly of hydrophobin and hydrophobin/surfactant mixtures in aqueous solution. <b>2011</b> , 27, 10514-22	26
926	Adsorption behavior of hydrophobin and hydrophobin/surfactant mixtures at the solid-solution interface. <b>2011</b> , 27, 10464-74	24
925	Effects of amendments on copper, cadmium, and lead phytoextraction by <i>Lolium perenne</i> from multiple-metal contaminated solution. <b>2011</b> , 13, 215-32	16
924	Use of different chelating agents for heavy metal extraction from contaminated harbour sediment. <b>2011</b> , 27, 97-106	20
923	Role of non-ionic surfactants and plant oils on the solubilization of organochlorine pesticides by oil-in-water microemulsions. <b>2011</b> , 32, 269-79	15
922	Bioremediation of Contaminated Soils: Effects of Bioaugmentation and Biostimulation on Enhancing Biodegradation of Oil Hydrocarbons. <b>2011</b> , 187-201	9
921	Biosurfactants for Soil Biology. <b>2011</b> , 203-220	1
920	Effects of sludge retention time (SRTs) on the removals of polycyclic aromatic hydrocarbons (PAHs), chemical oxygen demand (COD), and toxicity in a petrochemical industry wastewater. <b>2011</b> , 26, 57-65	4
919	Understanding the Complexity and Strategic Evolution in PAH Remediation Research. <b>2011</b> , 41, 1697-1746	29
918	Adsorption behavior of hydrophobin and hydrophobin/surfactant mixtures at the air-water interface. <b>2011</b> , 27, 11316-23	44
917	Biosurfactants. <b>2011</b> , 699-715	3
916	A Laboratory Assessment of Potentials and Limitations of Using EDTA, Rhamnolipids, and Compost-derived Humic Substances (HS) in Enhanced Phytoextraction of Copper and Zinc Polluted Calcareous Soils. <b>2011</b> , 20, 777-789	7
915	Notice of Retraction: Effect of Rhamnolipid - Biosurfactant on the Cell Surface Properties of Two <i>Pseudomonas</i> Strains. <b>2011</b> ,	
914	Biomangement of Metal-Contaminated Soils. <b>2011</b> ,	22
913	Bioaugmentation, Biostimulation and Biocontrol. <b>2011</b> ,	13
912	Effect of short-chain organic acids on the enhanced desorption of phenanthrene by rhamnolipid biosurfactant in soil-water environment. <b>2011</b> , 45, 5501-10	100

911	Isolation, preconcentration and determination of rhamnolipids in aqueous samples by dispersive liquid-liquid microextraction and liquid chromatography with tandem mass spectrometry. <b>2011</b> , 83, 744-50	31
910	Novel application of cyclolipopeptide amphisin: feasibility study as additive to remediate polycyclic aromatic hydrocarbon (PAH) contaminated sediments. <b>2011</b> , 12, 1787-806	13
909	Use of Biosurfactants in the Removal of Heavy Metal Ions from Soils. <b>2011</b> , 183-223	11
908	Characterization and biodegradation of motor oil by indigenous <i>Pseudomonas aeruginosa</i> and optimizing medium constituents. <b>2011</b> , 42, 689-695	22
907	Improving Biosurfactant Recovery from <i>Pseudomonas aeruginosa</i> Fermentation. <b>2011</b> ,	0
906	Use of Glycerol in Biotechnological Applications. <b>2011</b> ,	5
905	Production of surfactin by bacillus subtilis mtcc 2423 from waste frying oils. <b>2011</b> , 28, 175-180	40
904	Enzymatic Synthesis of a Non Ionic Biosurfactant Derived from Ricinoleic Acid and D-glucose: Stability of its Surface Action Properties. <b>2011</b> ,	
903	Biosurfactant in Planar Chromatography of Transition Metal Ions: Mixed Micelles Activated Separations. <b>2011</b> , 48, 275-280	2
902	Production of surfactin using pentose carbohydrate by <i>Bacillus subtilis</i> . <b>2011</b> , 23 Suppl, S63-5	10
901	Integrated Process for Production of Surfactin (III) Modeling of Adsorption Column. <b>2011</b> , 19, 357-364	1
900	Comparative study of biosurfactant produced by microorganisms isolated from formation water of petroleum reservoir. <b>2011</b> , 392, 124-130	46
899	Strategies for administration of biosurfactant-producing pseudomonads for biocontrol in closed hydroponic systems. <b>2011</b> , 30, 995-999	13
898	Solubilization properties of polycyclic aromatic hydrocarbons by saponin, a plant-derived biosurfactant. <i>Environmental Pollution</i> , <b>2011</b> , 159, 1198-204	9-3 74
897	Hydrocarbon degradation and bioemulsifier production by thermophilic <i>Geobacillus pallidus</i> strains. <b>2011</b> , 102, 9155-61	67
896	Perspective on the use of humic acids from biomass as natural surfactants for industrial applications. <b>2011</b> , 29, 913-22	69
895	Sorption of carbamazepine, 17 $\beta$ -ethinylestradiol, iopromide and trimethoprim to biomass involves interactions with exocellular polymeric substances. <b>2011</b> , 82, 917-22	37
894	Environmental applications of biosurfactants: recent advances. <b>2011</b> , 12, 633-54	599

893	Biosurfactants: A General Overview. <b>2011</b> , 1-11	46
892	Simultaneous phenanthrene and cadmium removal from contaminated soil by a ligand/biosurfactant solution. <b>2011</b> , 22, 1007-15	27
891	Production of rhamnolipids in solid-state cultivation using a mixture of sugarcane bagasse and corn bran supplemented with glycerol and soybean oil. <b>2011</b> , 89, 1395-403	48
890	Application of polyhydroxyalkanoate binding protein PhaP as a bio-surfactant. <b>2011</b> , 91, 1037-47	25
889	Evaluation of the effect of nutrient ratios on biosurfactant production by <i>Serratia marcescens</i> using a Box-Behnken design. <b>2011</b> , 86, 384-9	21
888	Replacing synthetic with microbial surfactants as collectors in the treatment of aqueous effluent produced by acid mine drainage, using the dissolved air flotation technique. <b>2011</b> , 163, 540-6	33
887	Production and physico-chemical characterization of a biosurfactant produced by <i>Pseudomonas aeruginosa</i> OBP1 isolated from petroleum sludge. <b>2011</b> , 164, 1444-60	46
886	Functional characterization of a biosurfactant-producing thermo-tolerant bacteria isolated from an oil reservoir. <b>2011</b> , 8, 353-356	14
885	Production of lipopeptides among <i>Bacillus</i> strains showing growth inhibition of phytopathogenic fungi. <b>2011</b> , 56, 297-303	55
884	A halotolerant, thermotolerant, and facultative biosurfactant producer: Identification and molecular characterization of a bacterium and evolution of emulsifier stability of a lipopeptide biosurfactant. <b>2011</b> , 16, 72-80	7
883	In-situ biosurfactant flushing, coupled with a highly pressurized air injection, to remediate the bunker oil contaminated site. <b>2011</b> , 15, 313-321	10
882	Effects of surfactants on enzyme-containing reversed micellar system. <b>2011</b> , 54, 715-723	14
881	Green Production of Anionic Surfactant Obtained from Pea Protein. <b>2011</b> , 14, 535-544	13
880	Enhanced biosurfactant production through cloning of three genes and role of esterase in biosurfactant release. <b>2011</b> , 10, 49	45
879	Simultaneous polyhydroxyalkanoates and rhamnolipids production by <i>Thermus thermophilus</i> HB8. <b>2011</b> , 1, 17	47
878	Screening and identification of <i>Pseudomonas aeruginosa</i> AB4 for improved production, characterization and application of a glycolipid biosurfactant using low-cost agro-based raw materials. <b>2011</b> , 86, 185-198	45
877	Sorption of triclosan onto sediments and its distribution behavior in sediment-water-rhamnolipid systems. <b>2011</b> , 30, 2416-22	17
876	Surfactin self-assembles into direct and reverse aggregates in equilibrium and performs selective metal cation extraction. <b>2011</b> , 12, 2138-44	23

875	The production of lipopeptides by <i>Bacillus subtilis</i> with desizing wastewater and application in soaping process. <b>2011</b> , 121, 1640-1646	3
874	Effect of biosurfactant and fertilizer on biodegradation of crude oil by marine isolates of <i>Bacillus megaterium</i> , <i>Corynebacterium kutscheri</i> and <i>Pseudomonas aeruginosa</i> . <b>2011</b> , 102, 772-8	119
873	Effects of rhamnolipid on the cellulase and xylanase in hydrolysis of wheat straw. <b>2011</b> , 102, 6515-21	30
872	An unusual morphological transformation of rhamnolipid aggregates induced by concentration and addition of styrene: A small angle neutron scattering (SANS) study. <b>2011</b> , 373, 42-50	9
871	Inhibition of <i>Candida albicans</i> CC biofilms formation in polystyrene plate surfaces by biosurfactant produced by <i>Trichosporon montevidense</i> CLOA72. <b>2011</b> , 84, 467-76	27
870	Process optimization for the production of rhamnolipid and formation of biofilm by <i>Pseudomonas aeruginosa</i> CPCL on polypropylene. <b>2011</b> , 56, 37-45	15
869	Characterization of the interaction between surfactants and enzymes by fluorescence probe. <b>2011</b> , 49, 360-5	12
868	Impact of biodiesel on biodeterioration of stored Brazilian diesel oil. <b>2011</b> , 65, 172-178	64
867	Chromium recovery from tannery sludge with saponin and oxidative remediation. <b>2011</b> , 185, 456-62	64
866	Remediation of hexachlorobenzene contaminated soils by rhamnolipid enhanced soil washing coupled with activated carbon selective adsorption. <b>2011</b> , 189, 458-64	38
865	Metabolic relationship between polyhydroxyalkanoic acid and rhamnolipid synthesis in <i>Pseudomonas aeruginosa</i> : comparative <sup>13</sup> C NMR analysis of the products in wild-type and mutants. <b>2011</b> , 151, 30-42	35
864	Petroleum Spill Control with Biological Means. <b>2011</b> , 263-274	6
863	Development of a Four-Phase Remedial Scheme to Clean Up Petroleum-Hydrocarbon Contaminated Soils. <b>2011</b> , 137, 602-610	6
862	Enhancement of <i>Bacillus subtilis</i> Lipopeptide Biosurfactants Production through Optimization of Medium Composition and Adequate Control of Aeration. <b>2011</b> , 2011, 653654	92
861	Recent Advances in Bioremediation of Contaminated Soil and Water Using Microbial Surfactants. <b>2011</b> , 207-228	4
860	Application of Rhamnolipid Biosurfactant for Removing Polychlorinated Biphenyls from Contaminated Soil. <b>2011</b> , 233-235, 608-613	4
859	Effects of surfactants on ethanol production from rice straw by simultaneous saccharification and fermentation. <b>2011</b> ,	
858	Bioaugmentation, Biostimulation, and Biocontrol in Soil Biology. <b>2011</b> , 1-23	8



857	Mannosylerythritol Lipids: Microbial Production and Their Applications. <b>2011</b> , 145-177	10
856	Biosurfactant Mediated Remediation Process Evaluation on a Mixture of Heavy Metal Spiked Topsoil Using Soil Column and Batch Washing Methods. <b>2011</b> , 20, 892-907	5
855	Investigation of antimicrobial activity and statistical optimization of <i>Bacillus subtilis</i> SPB1 biosurfactant production in solid-state fermentation. <b>2012</b> , 2012, 373682	69
854	Production and Characterization of Bioemulsifiers by Thermotolerant Bacteria for Enhanced Oil Recovery Potential. <b>2012</b> , 450-451, 573-581	1
853	Selection and Impact Mechanism of Washing Agents for Chromium Contaminated Building Waste. <b>2012</b> , 178-181, 1083-1092	
852	Early arbuscular mycorrhiza colonization of wheat, barley and oats in Andosols of southern Chile. <b>2012</b> , 0-0	2
851	Characterization by electrospray ionization and tandem mass spectrometry of rhamnolipids produced by two <i>Pseudomonas aeruginosa</i> strains isolated from Brazilian crude oil. <b>2012</b> , 18, 399-406	19
850	Evaluation of critical nutritional parameters and their significance in the production of rhamnolipid biosurfactants from <i>Pseudomonas aeruginosa</i> BS-161R. <b>2012</b> , 28, 1507-16	18
849	Microfiltration characteristics of <i>Bacillus subtilis</i> fermentation broths. <b>2012</b> , 43, 347-353	8
848	Adsorption and self-assembly of biosurfactants studied by neutron reflectivity and small angle neutron scattering: glycolipids, lipopeptides and proteins. <b>2012</b> , 8, 578-591	52
847	Application of aqueous saponin on the remediation of polycyclic aromatic hydrocarbons-contaminated soil. <b>2012</b> , 47, 1138-45	29
846	Study of the synergistic effects of salinity, pH, and temperature on the surface-active properties of biosurfactants produced by <i>Lactobacillus pentosus</i> . <b>2012</b> , 60, 1258-65	37
845	Rhamnolipids as biosurfactants from renewable resources: Concepts for next-generation rhamnolipid production. <b>2012</b> , 47, 1207-1219	206
844	Application of Rhamnolipid in the Formulation of a Detergent. <b>2012</b> , 15, 679-684	34
843	Bioactivities of sophorolipid with different structures against human esophageal cancer cells. <b>2012</b> , 173, 286-91	83
842	Physicochemical characterization of biosurfactant and its potential to remove oil from soil and cotton cloth. <b>2012</b> , 89, 1110-6	54
841	Microbial induced lipoprotein biosurfactant from slaughterhouse lipid waste and its application to the removal of metal ions from aqueous solution. <b>2012</b> , 97, 254-63	57
840	Determination of chrysene degradation under saline conditions by <i>Fusarium</i> sp. F092, a fungus screened from nature. <b>2012</b> , 116, 706-14	6

839	Bioconversion of biodiesel refinery waste in the bioemulsifier by <i>Trichosporon mycotxinivorans</i> CLA2. <b>2012</b> , 5, 29	24
838	Influence of polymer-surfactant aggregates on fluid flow. <b>2012</b> , 87, 42-9	13
837	Oil-in-water microemulsions enhance the biodegradation of DDT by <i>Phanerochaete chrysosporium</i> . <b>2012</b> , 126, 397-403	17
836	Micellization and interfacial behavior of a synthetic surfactantBiosurfactant mixture. <b>2012</b> , 415, 388-393	33
835	Equilibrium, hysteresis and kinetics of cadmium desorption from sodium-feldspar using rhamnolipid biosurfactant. <b>2012</b> , 33, 1857-68	17
834	Antimicrobial Lipopeptides of <i>Bacillus</i> : Natural Weapons for Biocontrol of Plant Pathogens. <b>2012</b> , 91-111	10
833	Biosystem Development for Microbial Enhanced Oil Recovery (MEOR). <b>2012</b> , 711-737	2
832	Structural characterization and surface activities of biogenic rhamnolipid surfactants from <i>Pseudomonas aeruginosa</i> isolate MN1 and synergistic effects against methicillin-resistant <i>Staphylococcus aureus</i> . <b>2012</b> , 57, 501-8	39
831	Secondary Metabolites of <i>Bacillus</i> : Potentials in Biotechnology. <b>2012</b> , 347-366	9
830	Biological Removal and Recovery of Toxic Heavy Metals in Water Environment. <b>2012</b> , 42, 1007-1057	83
829	Biosurfactants: Synthesis, Properties and Applications in Environmental Bioremediation. <b>2012</b> , 137-211	2
828	Effect of bioemulsificant exopolysaccharide (EPS) on microbial community dynamics during assays of oil spill bioremediation: a microcosm study. <b>2012</b> , 64, 2820-8	38
827	Chelating Agents for Land Decontamination Technologies. <b>2012</b> ,	7
826	Purification and characterization of a surfactin-like molecule produced by <i>Bacillus</i> sp. H2O-1 and its antagonistic effect against sulfate reducing bacteria. <b>2012</b> , 12, 252	41
825	Renewable resources for biosurfactant production by <i>Yarrowia lipolytica</i> . <b>2012</b> , 29, 483-494	24
824	Biosurfactant: Production and Application. <b>2012</b> , 03,	53
823	Biosurfactan Production by <i>Bacillus</i> sp. Isolated from Petroleum Contaminated Soils of Sirri Island. <b>2012</b> , 9, 1-6	10
822	References. <b>2012</b> , 449-462	

821	Effect and removal mechanisms of 6 different washing agents for building wastes containing chromium. <b>2012</b> , 2012, 298407	2
820	Time-dependent dosing of Fe <sup>2+</sup> for improved lipopeptide production by marine <i>Bacillus megaterium</i> . <b>2012</b> , 87, 1661-1669	26
819	Derivation and synthesis of renewable surfactants. <b>2012</b> , 41, 1499-518	193
818	Industrial development and applications of plant oils and their biobased oleochemicals. <b>2012</b> , 5, 135-145	91
817	Performance of a biosurfactant produced by a <i>Bacillus subtilis</i> strain isolated from crude oil samples as compared to commercial chemical surfactants. <b>2012</b> , 89, 167-74	113
816	Adsorption of surfactin produced from <i>Bacillus subtilis</i> using nonwoven PET (polyethylene terephthalate) fibrous membranes functionalized with chitosan. <b>2012</b> , 90, 137-43	32
815	Production and characterization of biosurfactant produced by a novel <i>Pseudomonas</i> sp. 2B. <b>2012</b> , 95, 23-9	131
814	Biosurfactant-producing bacterium, <i>Pseudomonas aeruginosa</i> MA01 isolated from spoiled apples: physicochemical and structural characteristics of isolated biosurfactant. <b>2012</b> , 113, 211-9	118
813	Relationship of cell-wall bound fatty acids and the demulsification efficiency of demulsifying bacteria <i>Alcaligenes</i> sp. S-XJ-1 cultured with vegetable oils. <b>2012</b> , 104, 530-6	23
812	Environmental fate, toxicity, characteristics and potential applications of novel bioemulsifiers produced by <i>Variovorax paradoxus</i> 7bCT5. <b>2012</b> , 108, 245-51	50
811	Genetic and chemical analyzes of transformations in compost compounds during biodegradation of oiled bleaching earth with waste sludge. <b>2012</b> , 114, 75-83	4
810	Characterization and emulsifying property of a novel bioemulsifier by <i>Aeribacillus pallidus</i> YM-1. <b>2012</b> , 113, 44-51	36
809	Optical properties of single wall carbon nanotubes dispersed in biopolymers. <b>2012</b> , 73, 232-236	3
808	Oil recovery from refinery oily sludge via ultrasound and freeze/thaw. <b>2012</b> , 203-204, 195-203	126
807	Pseudometallophytes colonising Pb/Zn mine tailings: a description of the plant-microorganism-rhizosphere soil system and isolation of metal-tolerant bacteria. <b>2012</b> , 217-218, 350-9	95
806	Effects of surfactants on hydrodynamics and mass transfer in a split-cylinder airlift reactor. <b>2012</b> , 90, 93-99	27
805	Aerobic biodegradation and inhibition kinetics of poly-aromatic hydrocarbons (PAHs) in a petrochemical industry wastewater in the presence of biosurfactants. <b>2012</b> , 87, 658-672	15
804	Influence of calcium ions on rhamnolipid and rhamnolipid/anionic surfactant adsorption and self-assembly. <b>2013</b> , 29, 3912-23	24

803	Recent development in the treatment of oily sludge from petroleum industry: a review. <b>2013</b> , 261, 470-90	576
802	Comparative genome analysis of <i>Bacillus</i> spp. and its relationship with bioactive nonribosomal peptide production. <b>2013</b> , 12, 685-716	17
801	Characterization of a lipopeptide biosurfactant produced by a crude-oil-emulsifying <i>Bacillus</i> sp. I-15. <b>2013</b> , 84, 168-178	62
800	Biosorption of Cd(II)/Pb(II) from aqueous solution by biosurfactant-producing bacteria: isotherm kinetic characteristic and mechanism studies. <b>2013</b> , 105, 113-9	89
799	Biotechnological production of phenyllactic acid and biosurfactants from trimming vine shoot hydrolyzates by microbial coculture fermentation. <b>2013</b> , 169, 2175-88	34
798	Hydrolysis and acidification of waste-activated sludge in the presence of biosurfactant rhamnolipid: effect of pH. <b>2013</b> , 97, 5597-604	49
797	Efficiency of lipopeptide biosurfactants in removal of petroleum hydrocarbons and heavy metals from contaminated soil. <b>2013</b> , 20, 7367-76	87
796	New integrated bioprocess for the continuous production, extraction and purification of lipopeptides produced by <i>Bacillus subtilis</i> in membrane bioreactor. <b>2013</b> , 48, 25-32	52
795	Degradation of Fatty Acids and Production of Biosurfactant as an Added Value, by a Bacterial Strain <i>Pseudomonas aeruginosa</i> DG2a Isolated from Aquaculture Wastewaters. <b>2013</b> , 224, 1	6
794	Root exudate enhanced contaminant desorption: an abiotic contribution to the rhizosphere effect. <b>2013</b> , 47, 11545-53	93
793	Microbial biosurfactants as additives for food industries. <b>2013</b> , 29, 1097-108	173
792	Response surface optimization of biosurfactant produced by <i>Pseudomonas aeruginosa</i> MA01 isolated from spoiled apples. <b>2013</b> , 43, 398-414	22
791	Montmorillonite mitigates the toxic effect of heavy oil on hydrocarbon-degrading bacterial growth: implications for marine oil spill bioremediation. <b>2013</b> , 48, 639-654	21
790	Use of olive mill wastewater (OMW) to decrease hydrophobicity in sandy soil. <b>2013</b> , 58, 393-398	16
789	Effect of rhamnolipids on initial attachment of bacteria on glass and octadecyltrichlorosilane-modified glass. <b>2013</b> , 103, 121-8	29
788	Evaluation of remediation process with soapberry derived saponin for removal of heavy metals from contaminated soils in Hai-Pu, Taiwan. <b>2013</b> , 25, 1180-5	27
787	Improvement of bread dough quality by <i>Bacillus subtilis</i> SPB1 biosurfactant addition: optimized extraction using response surface methodology. <b>2013</b> , 93, 3055-64	18
786	UTCHEM model application for prediction of crude oil removal from contaminated sand columns. <b>2013</b> , 82, 712-718	2

785	Removal of heavy metals from aqueous solution by lipopeptides and lipopeptides modified Na-montmorillonite. <b>2013</b> , 147, 378-386	40
784	Volatile fatty acids accumulation and rhamnolipid generation in situ from waste activated sludge fermentation stimulated by external rhamnolipid addition. <b>2013</b> , 77, 240-245	72
783	Prospects for using native and recombinant rhamnolipid producers for microbially enhanced oil recovery. <b>2013</b> , 81, 133-140	25
782	Production and Optimization of Microbial Surfactin by <i>Bacillus subtilis</i> for Ex Situ Enhanced Oil Recovery. <b>2013</b> , 31, 1249-1258	11
781	Effects of monorhamnolipid and dirhamnolipid on sorption and desorption of triclosan in sediment-water system. <b>2013</b> , 90, 581-7	18
780	Characterisation, surface properties and biological activity of a biosurfactant produced from industrial waste by <i>Candida sphaerica</i> UCP0995 for application in the petroleum industry. <b>2013</b> , 102, 202-9	115
779	Comparison of a plant based natural surfactant with SDS for washing of As(V) from Fe rich soil. <b>2013</b> , 25, 2247-56	27
778	Surfactants-enhanced electrokinetic transport of xanthan gum stabilized nanoPd/Fe for the remediation of PCBs contaminated soils. <b>2013</b> , 114, 64-72	60
777	Microcosm evaluation of autochthonous bioaugmentation to combat marine oil spills. <b>2013</b> , 30, 734-42	32
776	Bacteria associated with sabellids (Polychaeta: Annelida) as a novel source of surface active compounds. <b>2013</b> , 70, 125-33	38
775	Removal of petroleum derivative adsorbed to soil by biosurfactant Rufisan produced by <i>Candida lipolytica</i> . <b>2013</b> , 109, 117-122	40
774	Enhanced soil washing of phenanthrene by a plant-derived natural biosurfactant, <i>Sapindus saponin</i> . <b>2013</b> , 425, 122-128	58
773	Chemical and microbial remediation of hexavalent chromium from contaminated soil and mining/metallurgical solid waste: a review. <b>2013</b> , 250-251, 272-91	618
772	Biosurfactants in agriculture. <b>2013</b> , 97, 1005-16	298
771	Decontamination of metals and polycyclic aromatic hydrocarbons from slag-polluted soil. <b>2013</b> , 34, 2633-48	21
770	Rhamnolipids production by multi-metal-resistant and plant-growth-promoting rhizobacteria. <b>2013</b> , 170, 1038-56	29
769	Lipopeptides in microbial infection control: scope and reality for industry. <b>2013</b> , 31, 338-45	88
768	Bioavailability of heavy metals in soil: impact on microbial biodegradation of organic compounds and possible improvement strategies. <b>2013</b> , 14, 10197-228	313

767	Biosurfactants. <b>2013</b> , 199-240	
766	Optimizing rhamnolipid production by <i>Pseudomonas aeruginosa</i> ATCC 9027 grown on waste frying oil using response surface method and batch-fed fermentation. <b>2013</b> , 20, 1015-1021	29
765	Biosurfactants: Production and Applications. <b>2013</b> ,	30
764	Rhamnolipid biosurfactant production by <i>Pseudomonas nitroreducens</i> immobilized on Ca <sup>2+</sup> alginate beads and under resting cell condition. <b>2013</b> , 63, 161-165	11
763	<i>Bacillus subtilis</i> SPB1 biosurfactant: Production optimization and insecticidal activity against the carob moth <i>Ectomyelois ceratoniae</i> . <b>2013</b> , 50, 66-72	40
762	Effect of Mobilising Agents on Mycoremediation of Soils Contaminated by Hydrophobic Persistent Pollutants. <b>2013</b> , 393-417	2
761	Kinetic study of biosurfactant production by <i>Bacillus subtilis</i> LAMI005 grown in clarified cashew apple juice. <b>2013</b> , 101, 34-43	107
760	A Comparative Study on Biosurfactant Activity of Crude Oil Degrading Bacteria and Its Correlation to Total Petroleum Hydrocarbon Degradation. <b>2013</b> , 17, 240-251	14
759	Characterization of biosurfactants produced by <i>Halobacillus dabanensis</i> and <i>Pontibacillus chungwhensi</i> isolated from oil-contaminated mangrove ecosystem in Egypt. <b>2013</b> , 49, 263-269	9
758	Starting up microbial enhanced oil recovery. <b>2014</b> , 142, 1-94	19
757	Alkyl Polyglucoside (APG) Amendment for Improving the Phytoremediation of Pb-PAH Contaminated Soil by the Aquatic Plant <i>Scirpus triqueter</i> . <b>2013</b> , 22, 1013-1027	14
756	An efficient biosurfactant-producing bacterium <i>Selenomonas ruminantium</i> CT2, isolated from mangrove sediment in south of Thailand. <b>2013</b> , 29, 87-102	17
755	Biosurfactant Producing Bacteria with Tensioactive and Emulsifying Properties Isolated from Palm Oil Mill Effluent. <b>2013</b> , 856, 123-127	1
754	Assessment of toxicity of a biosurfactant from <i>Candida sphaerica</i> UCP 0995 cultivated with industrial residues in a bioreactor. <b>2013</b> , 16,	15
753	Biosurfactant Production by <i>Pseudomonas aeruginosa</i> BN10 Cells Entrapped in Cryogels. <b>2013</b> , 68, 47-52	3
752	Marine hydrocarbonoclastic bacteria. <b>2013</b> , 373-402	4
751	Evaluation of Screening Methods for the Isolation of Biosurfactant Producing Marine Bacteria. <b>2013</b> , 04,	22
750	Effective Remediation of Contaminated Soils by Eco-Compatible Physical, Biological, and Chemical Practices. <b>2013</b> , 267-296	4

749	Production of sophorolipids from non-edible jatropha oil by <i>Stamerella bombicola</i> NBRC 10243 and evaluation of their interfacial properties. <b>2013</b> , 62, 857-64	20
748	Properties of a biosurfactant produced by <i>Bacillus pumilus</i> using vinasse and waste frying oil as alternative carbon sources. <b>2013</b> , 56, 155-160	36
747	Biosurfactantes y su papel en la biorremediación de suelos contaminados con plaguicidas. <b>2013</b> , 4,	1
746	Transcriptomics of the rice blast fungus <i>Magnaporthe oryzae</i> in response to the bacterial antagonist <i>Lysobacter enzymogenes</i> reveals candidate fungal defense response genes. <b>2013</b> , 8, e76487	23
745	Bolaamphiphiles derived from alkenyl L-rhamnosides and alkenyl D-xylosides: importance of the hydrophilic head. <b>2013</b> , 18, 6101-12	13
744	Polycyclic Aromatic Hydrocarbons Degradation Techniques: A Review. <b>2013</b> , 5,	46
743	Produção de biossurfactante por <i>Chromobacterium violaceum</i> ATCC 12472 utilizando milhocina e óleo de milho pães-fritura como nutrientes. <b>2013</b> , 80, 334-341	2
742	Biosurfactant-and-bioemulsifier produced by a promising <i>Cunninghamella echinulata</i> isolated from Caatinga soil in the northeast of Brazil. <b>2014</b> , 15, 15377-95	43
741	Production and structural characterization of <i>Lactobacillus helveticus</i> derived biosurfactant. <b>2014</b> , 2014, 493548	65
740	Spontaneous vesicle formation from sodium salt of acidic sophorolipid and its application as a skin penetration enhancer. <b>2014</b> , 63, 141-7	13
739	Response surface methodology: optimisation of antifungal bioemulsifier from novel <i>Bacillus thuringiensis</i> . <b>2014</b> , 2014, 423289	6
738	Oil Extraction From Oil Sludge and TPH Elimination of Solids/Water by Ozonation. <b>2014</b> , 4,	4
737	Emulsification of Hydrocarbons by Biosurfactant: Exclusive Use of Agrowaste. <b>2014</b> , 9,	13
736	Optimization of Biosurfactant Production by <i>Bacillus licheniformis</i> STK 01 Grown Exclusively on <i>Beta vulgaris</i> Waste using Response Surface Methodology. <b>2014</b> , 9,	12
735	Monolayer behavior of binary systems of lactonic and acidic forms of sophorolipids: thermodynamic analyses of Langmuir monolayers and AFM study of Langmuir-Blodgett monolayers. <b>2014</b> , 63, 67-73	5
734	Monolayer behavior of cyclic and linear forms of surfactins: thermodynamic analysis of Langmuir monolayers and AFM study of Langmuir-Blodgett monolayers. <b>2014</b> , 63, 407-12	8
733	Role of Microbial Surface-Active Compounds in Environmental Protection. <b>2014</b> , 41-83	4
732	Production and characterization of di-rhamnolipid produced by <i>Pseudomonas aeruginosa</i> TMN. <b>2014</b> , 31, 867-880	68

731	The Solubilization Capability of Polycyclic Aromatic Hydrocarbons Enhanced by Biosurfactant Saponin Mixed With Conventional Chemical Surfactants. <b>2014</b> , 32, 108-115	4
730	Comparing the Effects of a Biosurfactant and a Humic Acid on Arsenic Mobilization from Mine Tailings. <b>2014</b> , 140, 04014021	3
729	Inhibiting Action of Biogenic Surfactants in Corrosive Media. <b>2014</b> , 50, 448-453	7
728	Phylogenetic analysis and characterization of an alkane-degrading yeast strain isolated from oil-polluted soil. <b>2014</b> , 38, 601-610	3
727	Sulfur source-mediated transcriptional regulation of the rhlABC genes involved in biosurfactants production by <i>Pseudomonas</i> sp. strain AK6U. <b>2014</b> , 5, 423	10
726	Oil degradation and biosurfactant production by the deep sea bacterium <i>Dietzia maris</i> As-13-3. <b>2014</b> , 5, 711	52
725	Removal of Copper from Vineyard Soil by Washing with Biosurfactant. <b>2014</b> , 1065-1069, 3091-3095	
724	Biodegradation of 17 $\beta$ -Ethinylestradiol in Sediment/Water Systems Affected by Two Different Rhamnolipidic Homologues. <b>2014</b> , 955-959, 7-15	
723	Remediation technologies for oil-drilling activities in the Arctic: oil-spill containment and remediation in open water. <b>2014</b> , 3, 49-60	8
722	Improving Bitumen Recovery from Poor Processing Oil Sands Using Microbial Pretreatment. <b>2014</b> , 28, 7712-7720	10
721	Bioremediation of Soils Contaminated with Pesticides: Experiences in Mexico. <b>2014</b> , 69-99	2
720	Enhanced Phytoremediation: A Review of Low Molecular Weight Organic Acids and Surfactants Used as Amendments. <b>2014</b> , 44, 2531-2576	61
719	Decontamination of metals, pentachlorophenol, and polychlorinated dibenzo-p-dioxins and dibenzofurans polluted soil in alkaline conditions using an amphoteric biosurfactant. <b>2014</b> , 35, 177-86	14
718	Optimization of <i>Bacillus subtilis</i> SPB1 Biosurfactant Production Under Solid-state Fermentation Using By-products of a Traditional Olive Mill Factory. <b>2014</b> , 8, 162-169	18
717	Biosurfactant production by <i>Pseudomonas aeruginosa</i> MSIC02 in cashew apple juice using a 24 full factorial experimental design. <b>2014</b> , 20, 49-58	11
716	Scouring Cotton Fabric by Water-Extracted Substance from Soap Nut Fruits and Licorice. <b>2014</b> , 535, 768-771	1
715	Solubilization of moderately hydrophobic 17 $\beta$ -Ethinylestradiol by mono- and di-rhamnolipid solutions. <b>2014</b> , 445, 12-20	11
714	Water Repellency in Calcareous Soils Under Different Land Uses in Western Iran. <b>2014</b> , 24, 378-390	11



713	Rhamnolipid biosurfactant against <i>Fusarium sacchari</i> --the causal organism of pokkah boeng disease of sugarcane. <b>2014</b> , 54, 548-57	29
712	Properties and characterization of biosurfactant in crude oil biodegradation by bacterium <i>Bacillus methylotrophicus</i> USTBa. <b>2014</b> , 122, 140-148	92
711	Characterization of a biosurfactant produced by <i>Pseudomonas cepacia</i> CCT6659 in the presence of industrial wastes and its application in the biodegradation of hydrophobic compounds in soil. <b>2014</b> , 117, 36-41	82
710	Isolation and characterization of a biosurfactant from <i>Deinococcus caeni</i> PO5 using jackfruit seed powder as a substrate. <b>2014</b> , 64, 1007-1020	12
709	Lipopeptides from <i>Bacillus</i> strain AR2 inhibits biofilm formation by <i>Candida albicans</i> . <b>2014</b> , 105, 809-21	39
708	Chlorinated Solvent Source Zone Remediation. <b>2014</b> ,	22
707	Thermodynamic properties of rhamnolipid micellization and adsorption. <b>2014</b> , 119, 22-9	43
706	Effects of rhamnolipid and initial compost particle size on the two-stage composting of green waste. <b>2014</b> , 163, 112-22	68
705	Influence of microbial and synthetic surfactant on the biodegradation of atrazine. <b>2014</b> , 21, 2088-2097	24
704	Evaluation and functional characterization of a biosurfactant produced by <i>Lactobacillus plantarum</i> CFR 2194. <b>2014</b> , 172, 1777-89	74
703	Hydrophobicity of diverse bacterial populations in activated sludge and biofilm revealed by microbial adhesion to hydrocarbons assay and high-throughput sequencing. <b>2014</b> , 114, 379-85	25
702	Interaction of Cd-hyperaccumulator <i>Solanum nigrum</i> L. and functional endophyte <i>Pseudomonas</i> sp. Lk9 on soil heavy metals uptake. <b>2014</b> , 68, 300-308	207
701	Microbially enhanced oil recovery from miniature model columns through stimulation of indigenous microflora with nitrate. <b>2014</b> , 96, 135-143	22
700	Microbially Mediated In Situ Desorption Accelerates Remediation of Large Gasoline Product Plume. <b>2014</b> , 24, 85-102	
699	Newly antibacterial and antiadhesive lipopeptide biosurfactant secreted by a probiotic strain, <i>Propionibacterium freudenreichii</i> . <b>2014</b> , 174, 2725-40	25
698	Rhamnolipids: Well-Characterized Glycolipids with Potential Broad Applicability as Biosurfactants. <b>2014</b> , 10, 285-291	40
697	Biosurfactant-Based Bioremediation of Toxic Metals. <b>2014</b> , 167-201	14
696	Lipopeptide biosurfactant production bacteria <i>Acinetobacter</i> sp. D3-2 and its biodegradation of crude oil. <b>2014</b> , 16, 897-903	34

695	The Importance and Application of Bacterial Diversity in Sustainable Agricultural Crop Production Ecosystems. <b>2014</b> , 341-367	1
694	Cross-Flow Microfiltration of Bacillus Subtilis Broths under Various Culture Times. <b>2014</b> , 49, 803-810	2
693	Head group specificity of novel functionalized surfactants: synthesis, self-assembly and calcium tolerance. <b>2014</b> , 55, 5925-5931	2
692	Microbial biosurfactant mediated removal and/or solubilization of crude oil contamination from soil and aqueous phase: An approach with Bacillus licheniformis MTCC 5514. <b>2014</b> , 94, 24-30	53
691	Bioremediation in Latin America. <b>2014</b> ,	3
690	Cells Were a More Important Foaming Factor than Free Rhamnolipids in Fermentation of Pseudomonasaeruginosa E03-40 for High Rhamnolipid Production. <b>2014</b> , 17, 573-582	26
689	Production of Glycolipid Biosurfactant from Sponge-Associated Marine Actinobacterium Brachybacterium paraconglomeratum MSA21. <b>2014</b> , 17, 531-542	35
688	Isolation and characterization of a biosurfactant-producing bacterium Bacillus pumilus IJ-1 from contaminated crude oil collected in Taean, Korea. <b>2014</b> , 57, 5-14	5
687	Substrate dependent in vitro antifungal activity of Bacillus sp strain AR2. <b>2014</b> , 13, 67	52
686	Study of the surfactant properties of aqueous stream from the corn milling industry. <b>2014</b> , 62, 5451-7	39
685	Bacterial Diversity in Sustainable Agriculture. <b>2014</b> ,	5
684	Vegetative cells of Bacillus pumilus entrapped in chitosan beads as a product for hydrocarbon biodegradation. <b>2014</b> , 87, 122-127	14
683	Selection of Pseudomonas aeruginosa for biosurfactant production and studies of its antimicrobial activity. <b>2014</b> , 23, 1-6	45
682	Functional and molecular characterization of a lipopeptide surfactant from the marine sponge-associated eubacteria Bacillus licheniformis NIOT-AMKV06 of Andaman and Nicobar Islands, India. <b>2014</b> , 82, 76-85	27
681	Electrokinetic-enhanced bioremediation of organic contaminants: a review of processes and environmental applications. <b>2014</b> , 107, 31-42	156
680	Rhamnolipid surface thermodynamic properties and transport in agricultural soil. <b>2014</b> , 115, 317-22	21
679	Enhanced Desorption of PAHs from Manufactured Gas Plant Soils Using Different Types of Surfactants. <b>2014</b> , 24, 209-219	19
678	Foam-enhanced removal of adsorbed metal ions from packed sands with biosurfactant solution flushing. <b>2014</b> , 45, 2170-2175	8

677	Novel hydrophobin-coated docetaxel nanoparticles for intravenous delivery: in vitro characteristics and in vivo performance. <b>2014</b> , 60, 1-9	39
676	Chapter 14: REMEDIATION OF CONTAMINATED GROUNDWATER. <b>2014</b> , 819-885	
675	References. <b>2014</b> , 93-107	
674	Green Chemistry and Biosurfactant Research. <b>2014</b> , 1-30	5
673	Rhamnolipids. <b>2014</b> , 49-104	3
672	Biosurfactants and Bioemulsifiers from Marine Sources. <b>2014</b> , 141-162	2
671	Soft Matter Physics of Lipid MembraneBased Assemblies. <b>2014</b> , 20-47	
670	Biosurfactant Use in Heavy Metal Removal from Industrial Efuents and Contaminated Sites. <b>2014</b> , 372-381	2
669	Application of Biosurfactant Surfactin on Copper Ion Removal from Sand Surfaces with Continuous Flushing Technique. <b>2014</b> , 51, 407-414	6
668	Erratum to: Biosurfactantes y su papel en la biorremediaci <sup>3</sup> n de suelos contaminados con plaguicidas. <b>2014</b> , 5,	
667	Biosurfactantes y su papel en la biorremediaci <sup>3</sup> n de suelos contaminados con plaguicidas. <b>2014</b> , 5,	0
666	Process development and intensification for enhanced production of Bacillus lipopeptides. <b>2015</b> , 31, 46-68	24
665	Microbial Degradation of Aromatic Compounds and Pesticides: Challenges and Solutions. <b>2015</b> , 67-95	1
664	Biodegradation of Cellulose and Agricultural Waste Material. <b>2015</b> , 225-248	2
663	Microbial Cells Dead or Alive: Prospect, Potential and Innovations for Heavy Metal Removal. <b>2015</b> , 45-80	
662	Biodegradation of Organochlorine Pesticides. <b>2015</b> , 5.1.2-1-5.1.2-30	5
661	Microbial Uses in the Remediation of Metal-Impacted Soils. <b>2015</b> , 5.2.3-1-5.2.3-10	
660	Biosurfactant production from Palm Oil Mill Effluent (POME) for applications as oil field chemical in Nigeria.. <b>2015</b> ,	1

659	Utilization of Beta vulgaris Agrowaste in Biodegradation of Cyanide Contaminated Wastewater. <b>2015,</b>	2
658	Agriculture and Food Applications of Rhamnolipids and its Production by Pseudomonas Aeruginosa. <b>2015,</b> 06,	21
657	OPTIMIZATION OF THE OPERATING CONDITIONS FOR RHAMNOLIPID PRODUCTION USING SLAUGHTERHOUSE-GENERATED INDUSTRIAL FLOAT AS SUBSTRATE. <b>2015,</b> 32, 357-365	9
656	Removing adsorbed heavy metal ions from sand surfaces via applying interfacial properties of rhamnolipid. <b>2015,</b> 64, 161-8	12
655	Simultaneous Removal of Lindane, Lead and Cadmium from Soils by Rhamnolipids Combined with Citric Acid. <b>2015,</b> 10, e0129978	34
654	Efficient syntheses of bolaform surfactants from L-rhamnose and/or 3-(4-hydroxyphenyl)propionic acid. <b>2015,</b> 17, 3290-3300	13
653	Biosurfactant produced from Actinomycetes nocardiosis A17: Characterization and its biological evaluation. <b>2015,</b> 79, 405-12	28
652	Screening of biosurfactant-producing bacteria from offshore oil and gas platforms in North Atlantic Canada. <b>2015,</b> 187, 284	16
651	Beneficial Microorganisms in Agriculture, Aquaculture and Other Areas. <b>2015,</b>	2
650	Microbial Surfactant for Preservation of Natural Rubber Latex. <b>2015,</b> 101-128	2
649	Solubility enhancement of producer gas tar compounds in water using sodium dodecyl sulfate as a surfactant. <b>2015,</b> 133, 75-79	3
648	Natural surfactant extracted from Sapindus mukurossi as an eco-friendly alternate to synthetic surfactant in dye surfactant interaction study. <b>2015,</b> 93, 145-150	41
647	Nanotechnology [From a Marine Discovery Perspective. <b>2015,</b> 1113-1129	
646	Rhamnolipid biosurfactants: evolutionary implications, applications and future prospects from untapped marine resource. <b>2016,</b> 36, 399-415	40
645	Natural products from Bacillus subtilis with antimicrobial properties. <b>2015,</b> 23, 744-754	60
644	Characteristics of mannosylerythritol lipids and their environmental potential. <b>2015,</b> 407, 63-72	39
643	Assessing Bacillus subtilis biosurfactant effects on the biodegradation of petroleum products. <b>2015</b> , 187, 4116	28
642	The biosurfactant viscosin transiently stimulates n-hexadecane mineralization by a bacterial consortium. <b>2015,</b> 99, 1475-83	26

641	Biosurfactants Have the Potential to Induce Defence Against <i>Phytophthora infestans</i> in Potato. <b>2015</b> , 58, 83-90	11
640	Enhancement of nitrate-induced bioremediation in marine sediments contaminated with petroleum hydrocarbons by using microemulsions. <b>2015</b> , 22, 8296-306	7
639	Production of a biosurfactant by <i>Bacillus subtilis</i> ICA56 aiming bioremediation of impacted soils. <b>2015</b> , 255, 10-15	59
638	Production of biosurfactant from <i>Bacillus licheniformis</i> for microbial enhanced oil recovery and inhibition the growth of sulfate reducing bacteria. <b>2015</b> , 24, 155-162	54
637	The influence of biosurfactant adsorption on the physicochemical behaviour of carbon steel surfaces using contact angle measurements and X-ray photoelectron spectroscopy. <b>2015</b> , 351, 1174-1183	18
636	Biosurfactant from red ash trees enhances the bioremediation of PAH contaminated soil at a former gasworks site. <b>2015</b> , 162, 30-6	25
635	A review on natural surfactants. <b>2015</b> , 5, 65757-65767	202
634	Chemical structure, property and potential applications of biosurfactants produced by <i>Bacillus subtilis</i> in petroleum recovery and spill mitigation. <b>2015</b> , 16, 4814-37	82
633	Biosurfactant production by <i>Pseudomonas aeruginosa</i> DSVP20 isolated from petroleum hydrocarbon-contaminated soil and its physicochemical characterization. <b>2015</b> , 22, 17636-43	27
632	Applications of a lipopeptide biosurfactant, surfactin, produced by microorganisms. <b>2015</b> , 103, 158-169	138
631	Experimental Study of Foam Flow in Sand Columns: Surfactant Choice and Resistance Factor Measurement. <b>2015</b> , 108, 335-354	11
630	Integral production and concentration of surfactin from <i>Bacillus</i> sp. ITP-001 by semi-batch foam fractionation. <b>2015</b> , 104, 91-97	17
629	Isolation and functional characterization of novel biosurfactant produced by <i>Enterococcus faecium</i> . <b>2015</b> , 4, 4	73
628	Bioremediation of Aged Petroleum Oil Contaminated Soil: From Laboratory Scale to Full Scale Application. <b>2015</b> , 14, 326-333	23
627	Surfactants at the Design Limit. <b>2015</b> , 31, 8205-17	99
626	Novel Bio-Coacervation Extraction of Selenium Based on Microassemblies Biosurfactants with Ionic Liquid and Quantitative Analysis by HPLC/UV. <b>2015</b> , 78, 971-978	6
625	Remediation technologies for oil-contaminated sediments. <b>2015</b> , 101, 483-90	65
624	Bioremediation strategies of hydrocarbons and microbial diversity in the Trindade Island shoreline--Brazil. <b>2015</b> , 101, 517-25	9

623	Modernization of surfactant chemistry in the age of gemini and bio-surfactants: a review. <b>2015</b> , 5, 92707-92718	59
622	Biotic oxidation of polyethylene using a bio-surfactant produced by <i>B. licheniformis</i> : a novel technique. <b>2015</b> , 5, 75089-75097	6
621	Potential application of a biosurfactant in phytoremediation technology for treatment of gasoline-contaminated soil. <b>2015</b> , 84, 113-120	47
620	A non-foaming proteosurfactant engineered from <i>Ranaspumin-2</i> . <b>2015</b> , 133, 239-45	1
619	Application of bacterial and yeast biosurfactants for enhanced removal and biodegradation of motor oil from contaminated sand. <b>2015</b> , 18, 471-479	79
618	Elucidating membrane surface properties for preventing fouling of bioreactor membranes by surfactin. <b>2015</b> , 132, n/a-n/a	5
617	Use of surfactants for the remediation of contaminated soils: a review. <b>2015</b> , 285, 419-35	466
616	Production of fatty-acyl-glutamate biosurfactant by <i>Bacillus subtilis</i> on soybean co-products. <b>2015</b> , 95, 48-55	16
615	Environmental effects of using chelating agents in polluted sediment remediation. <b>2015</b> , 94, 340-4	5
614	Arsenic removal from soil with high iron content using a natural surfactant and phosphate. <b>2015</b> , 12, 617-632	14
613	Reduced transport potential of a palladium-doped zero valent iron nanoparticle in a water saturated loamy sand. <b>2015</b> , 68, 354-63	37
612	Environmental Sustainability. <b>2015</b> ,	6
611	Lipopeptide biosurfactant from <i>Bacillus thuringiensis</i> pak2310: A potential antagonist against <i>Fusarium oxysporum</i> . <b>2015</b> , 25, e15-24	28
610	Evaluation of the structural composition and surface properties of rhamnolipid mixtures produced by <i>Pseudomonas aeruginosa</i> UFPEDA 614 in different cultivation periods. <b>2015</b> , 175, 988-95	6
609	Ultrasonic transformation of micelle structures: effect of frequency and power. <b>2015</b> , 24, 8-12	14
608	Production of Biosurfactants Using Eco-friendly Microorganisms. <b>2015</b> , 185-204	3
607	Application of colloidal gas aphron suspensions produced from <i>Sapindus mukorossi</i> for arsenic removal from contaminated soil. <b>2015</b> , 119, 355-362	15
606	A review of approaches and techniques used in aquatic contaminated sediments: metal removal and stabilization by chemical and biotechnological processes. <b>2015</b> , 86, 24-36	254

605	Statistical approach to optimize production of biosurfactant by <i>Pseudomonas aeruginosa</i> 2297. <b>2015</b> , 5, 71-79	30
604	Predicting the minimum liquid surface tension activity of pseudomonads expressing biosurfactants. <b>2015</b> , 60, 37-43	11
603	Application of Microbial Culture and Rhamnolipid for Improving the Sedimentation of Oil Sand Tailings. <b>2016</b> , 7,	4
602	Isolation of biosurfactant producing microorganisms and lipases from wastewaters from slaughterhouses and soils contaminated with hydrocarbons. <b>2016</b> , 7, 23-31	3
601	Utilization of Crude Glycerol as a Substrate for the Production of Rhamnolipid by <i>Pseudomonas aeruginosa</i> . <b>2016</b> , 2016, 3464509	37
600	Rhamnolipid Biosurfactants Produced by <i>Pseudomonas</i> Species. <b>2016</b> , 59,	30
599	Metalliferous Waste in India and Knowledge Explosion in Metal Recovery Techniques and Processes for the Prevention of Pollution. <b>2016</b> , 339-390	2
598	Genome Sequence of CRS05-R5, an Antagonistic Bacterium Isolated from Rice Paddy Field. <b>2016</b> , 7, 1756	16
597	Characterization of a Polyacrylamide Solution Used for Remediation of Petroleum Contaminated Soils. <b>2016</b> , 9,	29
596	Nutrient Status in Composts and Changes in Radioactive Cesium Following the Fukushima Daiichi Nuclear Power Plant Accident. <b>2016</b> , 8, 1332	2
595	Potential Biotechnological Strategies for the Cleanup of Heavy Metals and Metalloids. <b>2016</b> , 7, 303	231
594	Biosurfactants in Food. <b>2016</b> ,	14
593	Production and identification of iturin A lipopeptide from <i>Bacillus methyltrophicus</i> TEB1 for control of <i>Phoma tracheiphila</i> . <b>2016</b> , 56, 864-71	18
592	Oil removal from petroleum sludge using bacterial culture with molasses substrate at temperature variation. <b>2016</b> ,	2
591	Evaluation of biosurfactants grown in corn oil by <i>Rhodococcus rhodochrous</i> on removing of heavy metal ion from aqueous solution. <b>2016</b> ,	4
590	Isolation, characterization, and application of biosurfactant by <i>Klebsiella pneumoniae</i> strain IVN51 isolated from hydrocarbon-polluted soil in Ogoniland, Nigeria. <b>2016</b> , 3,	31
589	Bioremediation of Polycyclic Aromatic Hydrocarbon Contaminated Soil by a Microbial Consortium through Supplementation of Biosurfactant Produced by <i>Pseudomonas aeruginosa</i> Strain. <b>2016</b> , 36, 848-872	6
588	Removal of mercury from marine sediments by the combined application of a biodegradable non-ionic surfactant and complexing agent in enhanced-electrokinetic treatment. <b>2016</b> , 222, 1569-1577	33

587	Functional characterization of biomedical potential of biosurfactant produced by. <b>2016</b> , 11, 27-35	91
586	Molecular docking and simulation studies to give insight of surfactin amyloid interaction for destabilizing Alzheimer's A $\beta$ 2 protofibrils. <b>2016</b> , 25, 1616-1622	14
585	Biosurfactant-enhanced phytoremediation of soils contaminated by crude oil using maize ( <i>Zea mays</i> . L). <b>2016</b> , 92, 10-17	50
584	Effect of natural and synthetic surfactants on crude oil biodegradation by indigenous strains. <b>2016</b> , 129, 171-9	48
583	Self-assembly of a surfactin nanolayer at solid-liquid and air-liquid interfaces. <b>2016</b> , 45, 331-9	20
582	Role of <i>Bacillus subtilis</i> VSG4-derived biosurfactant in mediating immune responses in <i>Labeo rohita</i> . <b>2016</b> , 54, 220-9	18
581	Inhibitory potential of biosurfactants from <i>Bacillus amyloliquefaciens</i> derived from mangrove soil against <i>Vibrio parahaemolyticus</i> . <b>2016</b> , 66, 1257-1263	4
580	Pretreatment and conversion of lignocellulose biomass into valuable chemicals. <b>2016</b> , 6, 46834-46852	147
579	Bioaugmentation strategy employing a microbial consortium immobilized in chitosan beads for oil degradation in mesocosm scale. <b>2016</b> , 107, 107-117	35
578	Effect of Sophorolipid n-Alkyl Ester Chain Length on Its Interfacial Properties at the Almond Oil-Water Interface. <b>2016</b> , 32, 5562-72	27
577	Molecular characterization, structure prediction and insilico analysis of hydrocarbon degrading surfactin synthetase from marine sponge-associated <i>Bacillus licheniformis</i> NIOT-06. <b>2016</b> , 5, 40-44	3
576	Rhamnolipid-enhanced aerobic biodegradation of triclosan (TCS) by indigenous microorganisms in water-sediment systems. <b>2016</b> , 571, 1304-11	27
575	Enhanced separation and analysis procedure reveals production of tri-acylated mannosylerythritol lipids by <i>Pseudozyma aphidis</i> . <b>2016</b> , 43, 1537-1550	16
574	Introduction. <b>2016</b> , 1-19	
573	Harvesting microalgae using ozoflotation releases surfactant proteins, facilitates biomass recovery and lipid extraction. <b>2016</b> , 95, 109-115	21
572	Sustainable Biosurfactants. <b>2016</b> , 1-17	5
571	Phase Transfer of Palladized Nanoscale Zerovalent Iron for Environmental Remediation of Trichloroethene. <b>2016</b> , 50, 8631-9	16
570	Aseptic hydroponics to assess rhamnolipid-Cd and rhamnolipid-Zn bioavailability for sunflower ( <i>Helianthus annuus</i> ): a phytoextraction mechanism study. <b>2016</b> , 23, 21327-21335	3



569	Comparison of Methods to Quantify Rhamnolipid and Optimization of Oil Spreading Method. <b>2016</b> , 53, 243-248	16
568	Industrial Applications of Biosurfactants. <b>2016</b> , 81-110	1
567	Interfacial Adsorption of Silk Fibroin Peptides and Their Interaction with Surfactants at the Solid-Water Interface. <b>2016</b> , 32, 8202-11	11
566	Immobilized lipase catalyzing glucose stearate synthesis and their surfactant properties analysis. <b>2016</b> , 6, 184	12
565	Influence of a Rhamnolipid Biocomplex on the Corrosion of Duralumin in the Case of Mechanical Activation of its Surface. <b>2016</b> , 51, 618-626	1
564	Microbial associated plant growth and heavy metal accumulation to improve phytoextraction of contaminated soils. <b>2016</b> , 103, 131-137	56
563	Molecular editing of sophorolipids by esterification of lipid moieties: Effects on interfacial properties at paraffin and synthetic crude oil-water interfaces. <b>2016</b> , 507, 170-181	16
562	Biosurfactant Production by Marine-Originated Bacteria Bacillus Subtilis and Its Application for Crude Oil Removal. <b>2016</b> , 227, 1	23
561	Antimicrobial activities of a promising glycolipid biosurfactant from a novel marine Staphylococcus saprophyticus SBPS 15. <b>2016</b> , 6, 163	50
560	Classification and Properties of Biosurfactants. <b>2016</b> , 21-42	5
559	Interaction of a biosurfactant, Surfactin with a cationic Gemini surfactant in aqueous solution. <b>2016</b> , 481, 201-9	22
558	EPS solubilization treatment by applying the biosurfactant rhamnolipid to reduce clogging in constructed wetlands. <b>2016</b> , 218, 833-41	30
557	Biocompatible microemulsions for the nanoencapsulation of essential oils and nutraceuticals. <b>2016</b> , 503-558	3
556	Structural and physico-chemical characterization of a dirhamnolipid biosurfactant purified from Pseudomonas aeruginosa: application of crude biosurfactant in enhanced oil recovery. <b>2016</b> , 6, 70669-70681	28
555	Pseudomonas: Molecular and Applied Biology. <b>2016</b> ,	15
554	Pseudomonas for Industrial Biotechnology. <b>2016</b> , 281-342	3
553	Biodegradation of Polycyclic Aromatic Hydrocarbons by Microbial Consortium: A Distinctive Approach for Decontamination of Soil. <b>2016</b> , 25, 597-623	17
552	Surface and volumetric properties of n-octyl-β-D-glucopyranoside and rhamnolipid mixture. <b>2016</b> , 219, 801-809	4

551	A Biosurfactant/Polystyrene Polymer Partition System for Remediating Coal Tar-Contaminated Sediment. <b>2016</b> , 25, 683-699	2
550	Production of biosurfactants by <i>Bacillus licheniformis</i> and <i>Candida albicans</i> for application in microbial enhanced oil recovery. <b>2016</b> , 25, 293-298	32
549	Surfactant adsorption to soil components and soils. <b>2016</b> , 231, 59-102	60
548	Distribution and diversity of biosurfactant-producing bacteria in a wastewater treatment plant. <b>2016</b> , 23, 9993-10004	19
547	Mechanism-specific and whole-organism ecotoxicity of mono-rhamnolipids. <b>2016</b> , 548-549, 155-163	47
546	Biosurfactants of Lactic Acid Bacteria. <b>2016</b> ,	16
545	Production of rhamnolipids with a high specificity by <i>Pseudomonas aeruginosa</i> M408 isolated from petroleum-contaminated soil using olive oil as sole carbon source. <b>2016</b> , 66, 1145-1156	17
544	Properties of Biosurfactants. <b>2016</b> , 31-46	
543	Characterization of the metabolic pathway and catabolic gene expression in biphenyl degrading marine bacterium <i>Pseudomonas aeruginosa</i> JP-11. <b>2016</b> , 144, 1706-14	25
542	Optimization of rhamnolipid biosurfactant production by mangrove sediment bacterium <i>Pseudomonas aeruginosa</i> KVD-HR42 using response surface methodology. <b>2016</b> , 5, 38-47	55
541	Comparative bioremediation of heavy metals and petroleum hydrocarbons co-contaminated soil by natural attenuation, phytoremediation, bioaugmentation and bioaugmentation-assisted phytoremediation. <b>2016</b> , 563-564, 693-703	208
540	Biological surface-active compounds from marine bacteria. <b>2016</b> , 37, 1151-8	13
539	Diesel degradation in soil catalyzed by the addition of a bioagent. <b>2016</b> , 13, 551-560	4
538	Plant-derived surfactants as an alternative to synthetic surfactants: surface and antioxidant activities. <b>2016</b> , 70,	35
537	Kinetics of desorption of heavy metals and their mixtures from immobilized activated sludge. <b>2016</b> , 57, 9396-9408	4
536	Statistical optimization of antifungal iturin A production from RHNK22 using agro-industrial wastes. <b>2017</b> , 24, 1722-1740	26
535	Screening concepts, characterization and structural analysis of microbial-derived bioactive lipopeptides: a review. <b>2017</b> , 37, 393-410	52
534	Surfactant and MGDA enhanced Electrokinetic treatment for the simultaneous removal of mercury and PAHs from marine sediments. <b>2017</b> , 175, 330-339	33

533	Potential of wheat bran to promote indigenous microbial enhanced oil recovery. <b>2017</b> , 44, 845-855	4
532	Critical review on biosurfactant analysis, purification and characterization using rhamnolipid as a model biosurfactant. <b>2017</b> , 232, 389-397	213
531	A new look on factors affecting microbial degradation of petroleum hydrocarbon pollutants. <b>2017</b> , 120, 71-83	232
530	Treatment technologies used for the removal of As, Cr, Cu, PCP and/or PCDD/F from contaminated soil: A review. <b>2017</b> , 333, 194-214	58
529	Promoting the hydrolysis and acidification of rice straw by adding <i>Gleditsia sinensis</i> pod powder. <b>2017</b> , 100, 35-40	8
528	Synergetic effect of rhamnolipid from <i>Pseudomonas aeruginosa</i> C1501 and phytotoxic metabolite from <i>Lasiodiplodia pseudotheobromae</i> C1136 on <i>Amaranthus hybridus</i> L. and <i>Echinochloa crus-galli</i> weeds. <b>2017</b> , 24, 13700-13709	32
527	Discovery of synthesis and secretion of polyol esters of fatty acids by four basidiomycetous yeast species in the order Sporidiobolales. <b>2017</b> , 44, 923-936	15
526	Role of nutrients in bacterial biosurfactant production and effect of biosurfactant production on petroleum hydrocarbon biodegradation. <b>2017</b> , 104, 158-164	50
525	High value added lipids produced by microorganisms: a potential use of sugarcane vinasse. <b>2017</b> , 37, 1048-1061	11
524	Kinetic study and modeling of biosurfactant production using <i>Bacillus</i> sp.. <b>2017</b> , 27, 49-54	40
523	Decontamination of multiple heavy metals-containing effluents through microbial biotechnology. <b>2017</b> , 337, 189-197	32
522	Direct quantification of lipopeptide biosurfactants in biological samples via HPLC and UPLC-MS requires sample modification with an organic solvent. <b>2017</b> , 101, 4747-4759	19
521	Biosurfactant-producing microorganism <i>Pseudomonas</i> sp. SB assists the phytoremediation of DDT-contaminated soil by two grass species. <b>2017</b> , 182, 137-142	34
520	Isolation and characterization of a biosurfactant-producing heavy metal resistant <i>Rahnella</i> sp. RM isolated from chromium-contaminated soil. <b>2017</b> , 22, 186-194	20
519	Fundamental Characterization of the Micellar Self-Assembly of Sophorolipid Esters. <b>2017</b> , 33, 5760-5768	10
518	Biotechnology of Glycerol Production and Conversion in Yeasts. <b>2017</b> , 117-148	3
517	Lipids of Yeasts and Filamentous Fungi and Their Importance for Biotechnology. <b>2017</b> , 149-204	11
516	Composition of Surface Layer at the Water-Air Interface and Micelles of Triton X-100'+ Rhamnolipid Mixtures. <b>2017</b> , 46, 1251-1271	2

515	Accelerating anodic biofilms formation and electron transfer in microbial fuel cells: Role of anionic biosurfactants and mechanism. <b>2017</b> , 117, 48-56	26
514	Assessing the biodegradation of polycyclic aromatic hydrocarbons and laccase production by new fungus <i>Trematophoma</i> sp. UTM 5003. <b>2017</b> , 33, 136	24
513	Effects of freeze-thawing cycles on desorption behaviors of PAH-contaminated soil in the presence of a biosurfactant: a case study in western Canada. <b>2017</b> , 19, 874-882	8
512	Characterisation and antimicrobial activity of biosurfactant extracts produced by <i>Bacillus amyloliquefaciens</i> and <i>Pseudomonas aeruginosa</i> isolated from a wastewater treatment plant. <b>2017</b> , 7, 108	80
511	Production of microbial biosurfactants: Status quo of rhamnolipid and surfactin towards large-scale production. <b>2017</b> , 12, 1600561	55
510	pH-induced conformational change of natural cyclic lipopeptide surfactin and the effect on protease activity. <b>2017</b> , 156, 382-387	11
509	Extraction and environmental risk assessment of heavy metal in the municipal dewatered sludge using rhamnolipid treatment. <b>2017</b> , 23, 1522-1538	11
508	Biotechnology of Yeasts and Filamentous Fungi. <b>2017</b> ,	4
507	Study of the molecular array behaviours and interfacial activities of green surfactant alkyl polyglycoside and the mixed systems with other surfactants on oil/water interface. <b>2017</b> , 43, 1107-1115	9
506	Drivers and applications of integrated clean-up technologies for surfactant-enhanced remediation of environments contaminated with polycyclic aromatic hydrocarbons (PAHs). <i>Environmental Pollution</i> , <b>2017</b> , 225, 129-140	9.3 61
505	Enhancing enzymatic hydrolysis of coconut husk through <i>Pseudomonas aeruginosa</i> AP 029/GLVIA rhamnolipid preparation. <b>2017</b> , 237, 20-26	27
504	Effect of Monorhamnolipid Contribution on Anaerobic-Natural Attenuation of Explosives in Contaminated Soils. <b>2017</b> , 143, 04017035	3
503	Remediation of Hg-contaminated marine sediments by simultaneous application of enhancing agents and microwave heating (MWH). <b>2017</b> , 321, 1-10	20
502	Actinomycete Metabolome Induction/Suppression with N-Acetylglucosamine. <b>2017</b> , 80, 828-836	24
501	Bacterial biosurfactants can be an ecofriendly and advanced technology for remediation of heavy metals and co-contaminated soil. <b>2017</b> , 14, 1343-1354	26
500	Phytoremediation effect of <i>Scirpus triqueter</i> inoculated plant-growth-promoting bacteria (PGPB) on different fractions of pyrene and Ni in co-contaminated soils. <b>2017</b> , 325, 319-326	45
499	Rhamnolipids form drug-loaded nanoparticles for dermal drug delivery. <b>2017</b> , 116, 31-37	26
498	Polycyclic aromatic hydrocarbons in model bacterial membranes - Langmuir monolayer studies. <b>2017</b> , 1859, 2402-2412	14

497	Adsorption at the Air-Water Interface in Biosurfactant-Surfactant Mixtures: Quantitative Analysis of Adsorption in a Five-Component Mixture. <b>2017</b> , 33, 13027-13039	11
496	ANFIS modeling of rhamnolipid breakthrough curves on activated carbon. <b>2017</b> , 126, 67-75	32
495	Lipids of <i>Dietzia</i> sp. A14101. Part II: A study of the dynamics of the release of surface active compounds by <i>Dietzia</i> sp. A14101 into the medium. <b>2017</b> , 208, 31-42	
494	Design of Modular Peptide Surfactants and Their Surface Activity. <b>2017</b> , 33, 7957-7967	12
493	Improvement of lindane removal by <i>Streptomyces</i> sp. M7 by using stable microemulsions. <b>2017</b> , 144, 351-359	11
492	Acceleration of organic removal and electricity generation from dewatered oily sludge in a bioelectrochemical system by rhamnolipid addition. <b>2017</b> , 243, 820-827	20
491	Isolation, characterization of glycolipid type biosurfactant from endophytic <i>Acinetobacter</i> sp. ACMS25 and evaluation of its biocontrol efficiency against <i>Xanthomonas oryzae</i> . <b>2017</b> , 11, 252-258	15
490	Enhanced surfactin production via the addition of layered double hydroxides. <b>2017</b> , 80, 10-15	5
489	Functionality of surfactants in waste-activated sludge treatment: A review. <b>2017</b> , 609, 1433-1442	72
488	Production of rhamnolipids by semi-solid-state fermentation with <i>Pseudomonas aeruginosa</i> RG18 for heavy metal desorption. <b>2017</b> , 40, 1611-1619	20
487	Biosurfactants during in situ bioremediation: factors that influence the production and challenges in evaluation. <b>2017</b> , 24, 20831-20843	18
486	Thermodynamic parameters of some biosurfactants and surfactants adsorption at water-air interface. <b>2017</b> , 243, 236-244	29
485	Biosurfactant and enzyme mediated crude oil degradation by NA3 and MN3. <b>2017</b> , 7, 278	27
484	Small Bioactive Peptides for Biomaterials Design and Therapeutics. <b>2017</b> , 117, 14015-14041	202
483	Biosurfactant-Aided Bioprocessing: Industrial Applications and Environmental Impact. <b>2017</b> , 55-88	4
482	Mining Bacterial Diversity for Biosurfactants. <b>2017</b> , 443-461	1
481	Recent advances in the environmental applications of biosurfactant saponins: A review. <b>2017</b> , 5, 6030-6038	49
480	Abilities of Co-cultures of Brown-Rot Fungus <i>Fomitopsis pinicola</i> and <i>Bacillus subtilis</i> on Biodegradation of DDT. <b>2017</b> , 74, 1068-1075	21

479	Development of algae biorefinery concepts for biofuels and bioproducts; a perspective on process-compatible products and their impact on cost-reduction. <b>2017</b> , 10, 1716-1738	141
478	Characterization and optimization of a rhamnolipid from <i>Pseudomonas aeruginosa</i> C1501 with novel biosurfactant activities. <b>2017</b> , 6, 26-36	40
477	Soy molasses as a fermentation substrate for the production of biosurfactant using <i>Pseudomonas aeruginosa</i> ATCC 10145. <b>2017</b> , 24, 18699-18709	22
476	Aquatic toxicity and biodegradability of a surfactant produced by <i>Bacillus subtilis</i> ICA56. <b>2017</b> , 52, 174-181	20
475	Biodesulfurization of organic sulfur in Tondongkura coal from Indonesia by multi-stage bioprocess treatments. <b>2017</b> , 168, 84-93	15
474	Computational fluid dynamics simulation of a novel bioreactor for sophorolipid production. <b>2017</b> , 25, 732-740	4
473	Identification and natural functions of cyclic lipopeptides from An6. <b>2017</b> , 17, 536-544	7
472	Self-assembly in dilute mixtures of non-ionic and anionic surfactants and rhamnolipid biosurfactants. <b>2017</b> , 487, 493-503	7
471	Effect of rhamnolipid solubilization on hexadecane bioavailability: enhancement or reduction?. <b>2017</b> , 322, 394-401	101
470	Mobilization of arsenic from contaminated sediment by anionic and nonionic surfactants. <b>2017</b> , 56, 281-289	8
469	The Environmental Issues of DDT Pollution and Bioremediation: a Multidisciplinary Review. <b>2017</b> , 181, 309-339	72
468	Microbial degradation of petroleum hydrocarbons. <b>2017</b> , 223, 277-286	549
467	Biosurfactant: A Promising Approach Toward the Remediation of Xenobiotics, a Way to Rejuvenate the Marine Ecosystem. <b>2017</b> , 87-104	2
466	Remediation of Arsenic Contaminated Soil Using Phosphate and Colloidal Gas Aphron Suspensions Produced from <i>Sapindus mukorossi</i> . <b>2017</b> , 98, 366-372	3
465	Screening of a <i>Bacillus subtilis</i> Strain Producing Multiple Types of Cyclic Lipopeptides and Evaluation of Their Surface-tension-lowering Activities. <b>2017</b> , 66, 785-790	3
464	Anticancer Activities of Surfactin and Potential Application of Nanotechnology Assisted Surfactin Delivery. <b>2017</b> , 8, 761	100
463	Characterization of Polyethylene Oxide and Sodium Alginate for Oil Contaminated-Sand Remediation. <b>2017</b> , 9, 62	7
462	Biosurfactant as an Enhancer of Geologic Carbon Storage: Microbial Modification of Interfacial Tension and Contact Angle in Carbon dioxide/Water/Quartz Systems. <b>2017</b> , 8, 1285	11

461	Using Odd-Alkanes as a Carbon Source to Increase the Content of Nutritionally Important Fatty Acids in and. <b>2017</b> , 2017, 8195329	10
460	B <sup>+</sup> SQUEDA DE CAPACIDAD PRODUCTORA DE BIOSURFACTANTES EN ACTINOBACTERIAS HALOALCAL <sup>+</sup> FILAS Y HALOALCALOTOLERANTES. <b>2017</b> , 33, 529-539	4
459	Use of Surfactant-Modified Zeolites and Clays for the Removal of Heavy Metals from Water. <b>2017</b> , 9, 235	46
458	Natural Organic Matter. <b>2017</b> , 333-384	4
457	Biological and physicochemical properties of biosurfactants produced by <i>Lactobacillus jensenii</i> P and <i>Lactobacillus gasseri</i> P. <b>2017</b> , 16, 155	73
456	Production and characterization of biosurfactant isolated from <i>Candida glabrata</i> using renewable substrates. <b>2017</b> , 11, 237-244	15
455	Enhancement of surfactant efficacy during the cleanup of engine oil contaminated soil using salt and multi-walled carbon nanotubes. <b>2018</b> , 351, 54-62	15
454	Biosurfactants in Soil Bioremediation. <b>2018</b> , 193-204	3
453	Advances in Soil Microbiology: Recent Trends and Future Prospects. <b>2018</b> ,	6
452	Parameterization Study for Modeling Biosurfactant-Enhanced Aquifer Remediation Processes Based on Flow Cell Experiments. <b>2018</b> , 144, 04017096	1
451	An eco-friendly method for heavy metal removal from mine tailings. <b>2018</b> , 25, 16202-16216	18
450	Interactions between surfactants and the skin - Theory and practice. <b>2018</b> , 256, 242-255	61
449	Volumetric properties of rhamnolipid and surfactin at different temperatures. <b>2018</b> , 255, 562-571	18
448	Characterization of Biosurfactant Produced by a Novel Strain of <i>Pseudomonas aeruginosa</i> , Isolate ADMT1. <b>2018</b> , 21, 113-125	13
447	An Effective Production of Bacterial Biosurfactant in the Bioreactor. <b>2018</b> , 409-422	
446	Contributions of ryegrass, lignin and rhamnolipid to polycyclic aromatic hydrocarbon dissipation in an arable soil. <b>2018</b> , 118, 27-34	25
445	Optimization of washing conditions with biogenic mobilizing agents for marine fuel-contaminated beach sands. <b>2018</b> , 43, 13-22	11
444	Combination of bioleaching by gross bacterial biosurfactants and flocculation: A potential remediation for the heavy metal contaminated soils. <b>2018</b> , 206, 83-91	37

443	Biosurfactant and exopolysaccharide-assisted rhizobacterial technique for the remediation of heavy metal contaminated soil: An advancement in metal phytoremediation technology. <b>2018</b> , 10, 243-263	55
442	Biosurfactant-induced remediation of contaminated marine sediments: Current knowledge and future perspectives. <b>2018</b> , 137, 196-205	28
441	Time-dependent bacterial community and electrochemical characterizations of cathodic biofilms in the surfactant-amended sediment-based bioelectrochemical reactor with enhanced 2,3,4,5-tetrachlorobiphenyl dechlorination. <i>Environmental Pollution</i> , <b>2018</b> , 236, 343-354	9.3 11
440	Preparation and characterization of nanocomposite films from oil palm pulp nanocellulose/poly (Vinyl alcohol) by casting method. <b>2018</b> , 191, 103-111	50
439	Defined inoculum for the investigation of microbial contaminations of liquid fuels. <b>2018</b> , 132, 84-93	4
438	In situ surface transfer process of Cry1Ac protein on SiO: The effect of biosurfactants for desorption. <b>2018</b> , 341, 150-158	5
437	Agricultural Feedstock Supplemented with Manganese for Biosurfactant Production by <i>Bacillus subtilis</i> . <b>2018</b> , 9, 613-618	17
436	Yeast glycolipid biosurfactants. <b>2018</b> , 592, 1312-1329	43
435	Interaction mechanisms between polycyclic aromatic hydrocarbons (PAHs) and organic soil washing agents. <b>2018</b> , 25, 299-311	5
434	Microwave heating coupled with UV-A irradiation for PAH removal from highly contaminated marine sediments and subsequent photo-degradation of the generated vaporized organic compounds. <b>2018</b> , 334, 172-183	16
433	Maximize rhamnolipid production with low foaming and high yield. <b>2018</b> , 110, 79-86	24
432	Prevention and mitigation of paraffin deposition by biosurfactant-producing and paraffin-degrading <i>Bacillus amyloliquefaciens</i> strain 6-2c. <b>2018</b> , 335, 510-519	20
431	Physical properties of botanical surfactants. <b>2018</b> , 610-611, 1133-1137	5
430	Cyclic lipopeptide signature as fingerprinting for the screening of halotolerant <i>Bacillus</i> strains towards microbial enhanced oil recovery. <b>2018</b> , 102, 1179-1190	9
429	Evaluating the potential of natural surfactants in the petroleum industry: the case of hydrophobins. <b>2018</b> , 90, 305-314	12
428	Biosurfactant production from industrial wastes with potential remove of insoluble paint. <b>2018</b> , 127, 10-16	44
427	Sorption and desorption of 17 $\beta$ -ethinylestradiol onto sediments affected by rhamnolipidic biosurfactants. <b>2018</b> , 344, 707-715	5
426	Biosurfactant-Enhanced Petroleum Oil Bioremediation. <b>2018</b> , 143-179	6



425	Development and improved selected markers to biosurfactant and bioemulsifier production by <i>Rhizopus</i> strains isolated from Caatinga soil. <b>2018</b> , 17, 150-157	10
424	Surfactant-Enhanced Soil Washing for Removal of Petroleum Hydrocarbons from Contaminated Soils: A Review. <b>2018</b> , 28, 383-410	73
423	Biosurfactants as a Biological Tool to Increase Micronutrient Availability in Soil: A Review. <b>2018</b> , 28, 170-189	44
422	Ex situ Soil Remediation Strategies. <b>2018</b> , 39-57	
421	The Role of Biosurfactants in the Continued Drive for Environmental Sustainability. <b>2018</b> , 10, 4817	56
420	Toxicity and applications of surfactin for health and environmental biotechnology. <b>2018</b> , 21, 382-399	18
419	Cadmium (heavy metals) bioremediation by <i>Pseudomonas aeruginosa</i> : a minireview. <b>2018</b> , 8, 1	72
418	Biosurfactants—new frontier for social and environmental safety: a mini review. <b>2018</b> , 2, 81-90	126
417	Removal of Cadmium and Lead from Contaminated Soils Using Sophorolipids from Fermentation Culture of CGMCC 1576 Fermentation. <b>2018</b> , 15,	30
416	Application of Rhamnolipids in Agriculture and Food Industry. <b>2018</b> , 97-109	1
415	Biosurfactant Versus Commercial Surfactant: Study on Effectiveness for Application in EOR. <b>2018</b> ,	
414	Production of Rhamnolipids. <b>2018</b> , 29-41	
413	Biocompatibility natural effect of rhamnolipids in bioremediation process on different biological systems at the site of contamination. <b>2018</b> , 22, 91-102	7
412	Rhamnolipid Biosurfactant. <b>2018</b> ,	2
411	High-Frequency Occurrence of Surfactin Monomethyl Isoforms in the Ferment Broth of a Strain Revealed by Ion Trap Mass Spectrometry. <b>2018</b> , 23,	9
410	Microbial Bioprospecting for Sustainable Development. <b>2018</b> ,	6
409	Microbial Biosurfactants: Future Active Food Ingredients. <b>2018</b> , 265-276	3
408	Bio-based glyco-bolaamphiphile forms a temperature-responsive hydrogel with tunable elastic properties. <b>2018</b> , 14, 7859-7872	19

407	Metal(loid) Bioremediation: Strategies Employed by Microbial Polymers. <b>2018</b> , 10, 3028	32
406	<i>Pseudallescheria boydii</i> and <i>Meyerozyma guilliermondii</i> : behavior of deteriogenic fungi during simulated storage of diesel, biodiesel, and B10 blend in Brazil. <b>2018</b> , 25, 30410-30424	12
405	Foam capacity and stability of Sodium Dodecyl Sulfate (SDS) on the presence of contaminant coffee and Cd ions in solution. <b>2018</b> , 309, 012042	0
404	Hydrocarbon- and metal-polluted soil bioremediation: progress and challenges. <b>2018</b> , 39, 133	6
403	Production of new rhamnolipids Rha C16-C16 by <i>Burkholderia</i> sp. through biodegradation of diesel and biodiesel. <b>2018</b> , 7, 492-498	6
402	Isolation and molecular characterization of biosurfactant producing yeasts from the soil samples contaminated with petroleum derivatives. <b>2018</b> , 58, 782-792	16
401	Isolation of nitrate-reducing bacteria from an offshore reservoir and the associated biosurfactant production.. <b>2018</b> , 8, 26596-26609	7
400	A simple method for rapid screening of biosurfactant-producing strains using bromothymol blue alone. <b>2018</b> , 16, 121-125	7
399	Application of Biosurfactants Produced by <i>Pseudomonas putida</i> using Crude Palm Oil (CPO) as Substrate for Crude Oil Recovery using Batch Method. <b>2018</b> , 333, 012075	
398	Removal of zinc and cadmium ions from contaminated soils with rhamnolipid biosurfactant produced by <i>Pseudomonas aeruginosa</i> S7PS5. <b>2018</b> , 8, 1146	2
397	Enhanced Biosurfactant Production by <i>Bacillus pumilus</i> 2IR in Fed-Batch Fermentation Using 5-L Bioreactor. <b>2018</b> , 42, 1111-1123	8
396	HS biotreatment with sulfide-oxidizing heterotrophic bacteria. <b>2018</b> , 29, 511-524	16
395	Production and characterization of a biosurfactant produced by <i>Streptomyces</i> sp. DPUA 1559 isolated from lichens of the Amazon region. <b>2017</b> , 51, e6657	32
394	Qualitative analysis of biosurfactants from <i>Bacillus</i> species exhibiting antifungal activity. <b>2018</b> , 13, e0198107	37
393	<i>Streptomyces luridus</i> So3.2 from Antarctic soil as a novel producer of compounds with bioemulsification potential. <b>2018</b> , 13, e0196054	13
392	Biosurfactants for Sustainable Soil Management. <b>2018</b> , 150, 81-130	12
391	Investigation on ultrasonication mediated biosurfactant disintegration method in sludge flocs for enhancing hydrolytic enzymes activity and polyhydroxyalkanoates. <b>2019</b> , 40, 3547-3560	6
390	Effect of biosurfactant extract obtained from the corn-milling industry on probiotic bacteria in drinkable yogurt. <b>2019</b> , 99, 824-830	21

389	Optimization of biosurfactant production by N3-1P using the brewery waste as the carbon source. <b>2019</b> , 40, 3371-3380	28
388	Tap water and distilled water can affect the production and composition of sophorolipids by <i>Wickerhamiella domercqiae</i> Y2A. <b>2019</b> ,	2
387	Technical approaches to evaluate the surfactant-enhanced biodegradation of biodiesel and vegetable oils. <b>2019</b> , 191, 565	2
386	Effects of superfine grinding on the properties and qualities of <i>Cordyceps militaris</i> and its spent substrate. <b>2019</b> , 43, e14169	1
385	Evaluation of a new strategy in the elaboration of culture media to produce surfactin from hemicellulosic corn cob liquor. <b>2019</b> , 24, e00364	10
384	Process parameters for biosurfactant production using yeast <i>Meyerozyma guilliermondii</i> YK32. <b>2019</b> , 191, 531	16
383	Enzymatic potential and biosurfactant production by endophytic fungi from mangrove forest in Southeastern Brazil. <b>2019</b> , 9, 130	10
382	Modification of mineral surfaces by adsorption of biosurfactants produced by <i>Streptomyces</i> sp. <b>2019</b> , 579, 123677	3
381	Microemulsions as a Novel Tool for Enhancing the Bioremediation of Xenobiotics. <b>2019</b> , 305-317	1
380	Production of Biosurfactant Produced from Used Cooking Oil by sp. HIP3 for Heavy Metals Removal. <b>2019</b> , 24,	31
379	Mg-Fe Layered Double Hydroxides Enhance Surfactin Production in Bacterial Cells. <b>2019</b> , 9, 355	2
378	Effect of ball milling time on physicochemical properties of <i>Cordyceps militaris</i> ultrafine particles. <b>2019</b> , 42, e13065	2
377	Surfactin: An Emerging Biocontrol Tool for Agriculture Sustainability. <b>2019</b> , 203-213	3
376	Sustainable microbial biosurfactants and bioemulsifiers for commercial exploitation. <b>2019</b> , 85, 143-155	67
375	High Di-rhamnolipid Production Using KT1115, Separation of Mono/Di-rhamnolipids, and Evaluation of Their Properties. <b>2019</b> , 7, 245	20
374	Surfactant for better tomorrow: applied aspect of surfactant aggregates from laboratory to industry. <b>2019</b> , 45, 6021-6041	42
373	Microalgal Biomass as a Raw Material for Producing Surfactants. <b>2019</b> , 92, 964-971	3
372	Insights into the behavior of six rationally designed peptides based on <i>Escherichia coli</i> 's OmpA at the water-dodecane interface. <b>2019</b> , 14, e0223670	1

371	Removal of Heavy Metals Using Rhamnolipid Biosurfactant on Manganese Nodules. <b>2019</b> , 230, 1	9
370	Aided Phytoremediation to Clean Up Dioxins/Furans-Aged Contaminated Soil: correlation between microbial communities and pollutant dissipation. <b>2019</b> , 7,	7
369	Effectiveness of biosurfactant for the removal of trihalomethanes by biotrickling filter. <b>2019</b> , 1, 1-12031	6
368	Stability test of biosurfactant produced by <i>Bacillus licheniformis</i> DS1 using experimental design and its application for MEOR. <b>2019</b> , 183, 106383	37
367	Comprehensive genomic and transcriptomic analysis of polycyclic aromatic hydrocarbon degradation by a mycoremediation fungus, <i>Dentipellis</i> sp. KUC8613. <b>2019</b> , 103, 8145-8155	23
366	Self-Assembly and Thermodynamic Parameters of Amitriptyline Hydrochloride in Polar Organic Solvent/Water Mixed Media. <b>2019</b> , 64, 4493-4500	6
365	Enzymatic glycolipid surfactant synthesis from renewables. <b>2019</b> , 87, 45-54	21
364	A critical review on bioremediation technologies for Cr(VI)-contaminated soils and wastewater. <b>2019</b> , 49, 1027-1078	171
363	Surfactin from <i>Bacillus velezensis</i> H2O-1: Production and Physicochemical Characterization for Postsalt Applications. <b>2019</b> , 22, 451-462	5
362	Spectrophotometric and conductometric study of the interaction of saponin with chromium(VI) and lead(II). <b>2019</b> , 16, 7997-8004	1
361	Synergistic plant-microbes interactions in the rhizosphere: a potential headway for the remediation of hydrocarbon polluted soils. <b>2019</b> , 21, 71-83	19
360	Improvement in emulsifying properties of whey protein-Rhamnolipid conjugates through short-time heat treatment. <b>2019</b> , 181, 688-695	6
359	Oxygen mass transfer limitations set the performance boundaries of microbial PHA production processes   A model-based problem investigation supporting scale-up studies. <b>2019</b> , 148, 224-238	11
358	Microbial Metabolism of Xenobiotic Compounds. <b>2019</b> ,	4
357	Inhibition of the Corrosion of Carbon Steels by Trehalose Lipid Surfactants. <b>2019</b> , 54, 477-484	4
356	Dokdolipids A-C, Hydroxylated Rhamnolipids from the Marine-Derived Actinomycete. <b>2019</b> , 17,	11
355	Bioprocess optimization and production of biosurfactant from an unexplored substrate: <i>Parthenium hysterophorus</i> . <b>2019</b> , 30, 325-334	6
354	Interactions between microorganisms and clay minerals: New insights and broader applications. <b>2019</b> , 177, 91-113	51

353	Anaerobic Microbial Degradation of Polycyclic Aromatic Hydrocarbons: A Comprehensive Review. <b>2020</b> , 251, 25-108	13
352	Effects of Surface Active Additives on the Enzymatic Treatment of Phenol and Its Derivatives: a Mini Review. <b>2019</b> , 5, 52-65	9
351	High-Yield Di-Rhamnolipid Production by YM4 and its Potential Application in MEOR. <b>2019</b> , 24,	25
350	Rhamnolipids: Pathways, Productivities, and Potential. <b>2019</b> , 169-203	6
349	Ascertainment of Surfactin Concentration in Bubbles and Foam Column Operated in Semi-Batch. <b>2019</b> , 7, 154	3
348	Role of Microbes in Restoration Ecology and Ecosystem Services. <b>2019</b> , 57-68	4
347	Production and characterization of bioemulsifiers from strains isolated from lipid-rich wastewater. <b>2019</b> , 9, 151	5
346	Biodegradation of dibenzothiophene by efficient <i>Pseudomonas</i> sp. LKY-5 with the production of a biosurfactant. <b>2019</b> , 176, 50-57	10
345	Rhamnolipid inspired lipopeptides effective in preventing adhesion and biofilm formation of <i>Candida albicans</i> . <b>2019</b> , 87, 209-217	9
344	Rhamnolipid-enhanced solubilization and biodegradation of PAHs in soils after conventional bioremediation. <b>2019</b> , 668, 790-796	40
343	Biology of <i>Rhodococcus</i> . <b>2019</b> ,	8
342	Production of Trehalolipid Biosurfactants by <i>Rhodococcus</i> . <b>2019</b> , 271-298	11
341	Biosurfactant Production by Lactic Acid Bacterium <i>Pediococcus dextrinicus</i> SHU1593 Grown on Different Carbon Sources: Strain Screening Followed by Product Characterization. <b>2019</b> , 9, 5287	50
340	The effect of chlorination degree and substitution pattern on the interactions of polychlorinated biphenyls with model bacterial membranes. <b>2019</b> , 1861, 1057-1068	4
339	Properties of biosurfactant produced by <i>Pseudomonas putida</i> grown in Crude Palm Oil (CPO). <b>2019</b> , 578, 012021	
338	Enhanced biodegradation of n-hexane by <i>Pseudomonas</i> sp. strain NEE2. <b>2019</b> , 9, 16615	6
337	Microbial Surfactants: The Next Generation Multifunctional Biomolecules for Applications in the Petroleum Industry and Its Associated Environmental Remediation. <b>2019</b> , 7,	96
336	Potassium lignosulfonate as a washing agent for remediating lead and copper co-contaminated soils. <b>2019</b> , 658, 836-842	27

335	Biodegradability and toxicity of monorhamnolipid biosurfactant diastereomers. <b>2019</b> , 364, 600-607	26
334	Properties and potential application of efficient biosurfactant produced by <i>Pseudomonas</i> sp. KZ1 strain. <b>2019</b> , 54, 110-117	4
333	Chemically assisted 2.45 GHz microwave irradiation for the simultaneous removal of mercury and organics from contaminated marine sediments. <b>2019</b> , 21, 655-666	2
332	On chelating surfactants: Molecular perspectives and application prospects. <b>2019</b> , 278, 688-705	31
331	Studies on Biosurfactants Produced using <i>Bacillus cereus</i> Isolated from Seawater with Biotechnological Potential for Marine Oil-Spill Bioremediation. <b>2019</b> , 22, 349-363	28
330	Microbial biosurfactants for oil spill remediation: pitfalls and potentials. <b>2019</b> , 103, 27-37	49
329	RETRACTED ARTICLE: Rhamnolipid biosurfactants: functional properties and potential contributions for bioremediation. <b>2019</b> , 30, 363	
328	Management of phytosanitary effluent: Rinsing and decontamination of empty pesticide containers by bio-detergent. <b>2019</b> , 116, 142-155	5
327	Bio-emulsifying and biodegradation activities of syringafactin producing <i>Pseudomonas</i> spp. strains isolated from oil contaminated soils. <b>2019</b> , 30, 259-272	12
326	Renewable Surfactants for Biochemical Applications and Nanotechnology. <b>2019</b> , 22, 5-21	32
325	The pyrimidine biosynthetic pathway and its regulation in <i>Pseudomonas jessenii</i> . <b>2019</b> , 112, 461-469	2
324	The effect of bubble size distribution on the release of microalgae proteins by ozone-flotation. <b>2019</b> , 211, 340-347	11
323	Isolation and screening of <i>Bacillus subtilis</i> MJ01 for MEOR application: biosurfactant characterization, production optimization and wetting effect on carbonate surfaces. <b>2019</b> , 9, 233-245	26
322	Efficiency of sophorolipids for arsenic removal from mine tailings. <b>2020</b> , 7, 175-188	3
321	Plant-Microbe Interaction: An Ecofriendly Approach for the Remediation of Metal Contaminated Environments. <b>2020</b> , 444-450	3
320	Analysis of biosurfactants produced by bacteria growing on textile sludge and their toxicity evaluation for environmental application. <b>2020</b> , 41, 510-522	4
319	Co-production of microbial lipids and biosurfactant from waste office paper hydrolysate using a novel strain <i>Bacillus velezensis</i> ASN1. <b>2020</b> , 10, 383-391	14
318	Rhizospheric remediation of organic pollutants from the soil; a green and sustainable technology for soil clean up. <b>2020</b> , 263-286	3

317	Effect of emulsification and hydrolysis pretreatments of waste frying oil on surfactin production. <b>2020</b> , 95, 223-231	5
316	Reviews of Environmental Contamination and Toxicology Volume 251. <b>2020</b> ,	
315	Leading edges in bioremediation technologies for removal of petroleum hydrocarbons. <b>2020</b> , 27, 27370-27382	27
314	Evaluating rhamnolipid-enhanced washing as a first step in remediation of drill cuttings and petroleum-contaminated soils. <b>2020</b> , 21, 79-90	17
313	Management of Petroleum Industry Waste Through Biosurfactant-Producing Bacteria: A Step Toward Sustainable Environment. <b>2020</b> , 169-180	2
312	A review of electrokinetically enhanced bioremediation technologies for PHs. <b>2020</b> , 88, 31-45	12
311	Simultaneous degradation of n-hexane and production of biosurfactants by Pseudomonas sp. strain NEE2 isolated from oil-contaminated soils. <b>2020</b> , 242, 125237	25
310	Biosurfactants, natural alternatives to synthetic surfactants: Physicochemical properties and applications. <b>2020</b> , 275, 102061	131
309	Culture Medium Evaluation Using Low-Cost Substrate for Biosurfactants Lipopeptides Production by Bacillus amyloliquefaciens in Pilot Bioreactor. <b>2020</b> , 23, 91-98	8
308	A review of the emerging treatment technologies for PFAS contaminated soils. <b>2020</b> , 255, 109896	76
307	Rational design, properties, and applications of biosurfactants: a short review of recent advances. <b>2020</b> , 45, 57-67	35
306	Production of biosurfactant using the endemic bacterial community of a PAHs contaminated soil, and its potential use for PAHs remobilization. <b>2020</b> , 709, 136143	19
305	Bioremediation of Hexanoic Acid and Phenanthrene in Oil Sands Tailings by the Microbial Consortium BioTiger. <b>2020</b> , 104, 253-258	2
304	Use of Microorganisms in the Recovery of Oil From Recalcitrant Oil Reservoirs: Current State of Knowledge, Technological Advances and Future Perspectives. <b>2019</b> , 10, 2996	57
303	Adsorption of surfactin at water with ethanol mixture-air interface. <b>2020</b> , 300, 112240	6
302	Adsorption behaviour of estrogenic contaminant, estriol, using Saponin and Brij 35 modified clinoptilolite: equilibrium, kinetic, and thermodynamic studies plus fixed bed modelling. <b>2020</b> , 67, 62	1
301	Genomic analysis of Bacillus cereus NWUAB01 and its heavy metal removal from polluted soil. <b>2020</b> , 10, 19660	31
300	Biosurfactants from Marine Microorganisms. <b>2020</b> ,	3

299	Biosynthesis and Applications of Microbial Glycolipid Biosurfactants. <b>2020</b> , 63-82	2
298	Biosurfactants production using glucose and molasses as carbon sources by <i>Azotobacter vinelandii</i> and soil washing application in hydrocarbon-contaminated soil. <b>2020</b> , 475, 012075	1
297	Innovative thermal and physico-chemical treatments for the clean-up of marine sediments dredged from the Augusta Bay (Southern Italy). <b>2020</b> , 39, 101426	3
296	Biosurfactant Production and Growth Kinetics Studies of the Waste Canola Oil-Degrading Bacterium AQ5-07 from Antarctica. <b>2020</b> , 25,	10
295	Recent advancements in the production of rhamnolipid biosurfactants by .. <b>2020</b> , 10, 34014-34032	25
294	Microemulsion Microstructure(s): A Tutorial Review. <b>2020</b> , 10,	46
293	Evaluation of pilot scale in-vitro and ex-situ hydrocarbon bioremediation potential of two novel indigenous strains of <i>Bacillus vallismortis</i> . <b>2020</b> , 24, 190-203	5
292	Uncoupling Foam Fractionation and Foam Adsorption for Enhanced Biosurfactant Synthesis and Recovery. <b>2020</b> , 8,	6
291	Phytoremediation effect of <i>Medicago sativa</i> colonized by <i>Piriformospora indica</i> in the phenanthrene and cadmium co-contaminated soil. <b>2020</b> , 20, 20	11
290	Biodegradation and phytotoxicity assessment of phenanthrene by biosurfactant-producing <i>Bacillus pumilus</i> 1529 bacteria. <b>2020</b> , 36, 396-409	1
289	L-asparaginase and Biosurfactants Produced by Extremophile Yeasts from Antarctic Environments. <b>2020</b> , 16, 107-116	4
288	Bioremediation of toxic heavy metals (THMs) contaminated sites: concepts, applications and challenges. <b>2020</b> , 27, 27563-27581	46
287	Bioremediation of co-contaminated soil with heavy metals and pesticides: Influence factors, mechanisms and evaluation methods. <b>2020</b> , 398, 125657	90
286	Biosurfactant-based bioremediation. <b>2020</b> , 333-358	6
285	Environmentally friendly rhamnolipid production for petroleum remediation. <b>2020</b> , 252, 126349	9
284	Bioaccessibility constrains the co-composting bioremediation of field aged PAH contaminated soils. <b>2020</b> , 149, 104922	15
283	Characterization of biosurfactant produced by the endophyte <i>Burkholderia</i> sp. WYAT7 and evaluation of its antibacterial and antibiofilm potentials. <b>2020</b> , 313, 1-10	23
282	Microbial Diversity, Interventions and Scope. <b>2020</b> ,	1



281	Enhanced deflocculation of dehydrated sludge by rhamnolipid treatment coupled with thermal hydrolysis. <b>2020</b> , 110, 66-73	3
280	Biosurfactants Production Using Permeate from Whey Ultrafiltration and Bioproduct Recovery by Membrane Separation Process. <b>2020</b> , 23, 539-551	9
279	DNA-based stable isotope probing identifies triclosan degraders in nitrification systems under different surfactants. <b>2020</b> , 302, 122815	12
278	Recent Patents on Impact of Lipopeptide on the Biofilm Formation onto Titanium and Stainless Steel Surfaces. <b>2020</b> , 14, 49-62	3
277	Nitrogen fertilizers stimulate desorption and biodegradation of gasoline aromatics in the soil from high Arctic permafrost active layer: A laboratory study. <b>2020</b> , 150, 104957	3
276	Isolation and Characterization of Biosurfactant-Producing Bacteria From Oil Well Batteries With Antimicrobial Activities Against Food-Borne and Plant Pathogens. <b>2020</b> , 11, 64	24
275	Microbial enhanced oil recovery potential of surfactin-producing <i>Bacillus subtilis</i> AB2.0. <b>2020</b> , 272, 117730	20
274	Surfactant-enhanced aquifer remediation: Mechanisms, influences, limitations and the countermeasures. <b>2020</b> , 252, 126620	27
273	Adsorption properties of rhamnolipid and ethanol at water/ethanol solution-air interface. <b>2020</b> , 308, 113080	9
272	Reverse micellar extraction of dyes based on fatty acids and recoverable organic solvents. <b>2020</b> , 242, 116772	4
271	Environmental Biotechnology Vol. 3. <b>2021</b> ,	
270	Remediation of soils contaminated by hydrophobic organic compounds: How to recover extracting agents from soil washing solutions?. <b>2021</b> , 404, 124137	20
269	Optimization of low-cost biosurfactant produced by <i>Bacillus subtilis</i> SASCBT01 and their environmental remediation potential. <b>2021</b> , 72, 74-81	5
268	The degradation of bisphenol A by laccase: Effect of biosurfactant addition on the reaction kinetics under various conditions. <b>2021</b> , 257, 117785	14
267	Effect of synthetic surfactants on the environment and the potential for substitution by biosurfactants. <b>2021</b> , 288, 102340	31
266	Rhamnolipid-Metal Ions (CrVI and PbII) Complexes: Spectrophotometric, Conductometric, and Surface Tension Measurement Studies. <b>2021</b> , 24, 281-288	4
265	Biosurfactant production of <i>Piper hispidum</i> endophytic fungi. <b>2021</b> , 130, 561-569	5
264	Kurstakin molecules facilitate diesel oil assimilation by strain 2SA through overexpression of alkane hydroxylase genes. <b>2021</b> , 42, 2031-2045	6

263	Ecorestoration of soil treated with biosurfactant during greenhouse and field trials. <b>2021</b> , 89-105	3
262	Influence of biosurfactant in the bioremediation of pentachlorophenol. <b>2021</b> , 341-352	
261	High industrial beneficial microorganisms for effective production of a high quantity of biosurfactant. <b>2021</b> , 279-297	2
260	Biosurfactants from halophilic origin and their potential applications. <b>2021</b> , 489-521	0
259	Bioremediation of Hexavalent Chromium from Industrial Effluents. <b>2021</b> , 29-52	0
258	Bioindication of Heavy Metals Contamination by Mushrooms and Mosses in Highly Industrialized Environment. <b>2021</b> , 271-288	
257	Microbial Biosurfactants and Their Potential Applications: An Overview. <b>2021</b> , 91-116	5
256	Microbial Exopolysaccharides as Biosurfactants in Environmental and Industrial Applications. <b>2021</b> , 81-111	2
255	Biodegradation of organic pollutants for its effective remediation from the environment and the role of various factors affecting the biodegradation process. <b>2021</b> , 1-27	0
254	Bioremediation of Toxic Pesticides in Soil Using Microbial Products. <b>2021</b> , 1-34	1
253	Surfactin: A Biosurfactant Against Breast Cancer. <b>2021</b> , 147-157	2
252	Combination of Silica Gel and Surfactin Promoting Methane Hydrate Formation. <b>2021</b> , 143,	1
251	Enrichment and Isolation of Surfactin-degrading Bacteria. <b>2021</b> , 70, 581-587	2
250	Microbial Biosurfactants: Production and Applications in Circular Bioeconomy. <b>2021</b> , 353-378	6
249	Applications of biosurfactants in the production of industrially relevant bioproducts. <b>2021</b> , 173-201	1
248	Biosurfactant role in microbial enhanced oil recovery. <b>2021</b> , 1-33	
247	Remediation of Heavy Metals Through Genetically Engineered Microorganism. <b>2021</b> , 315-366	1
246	Microbial cell factories for treatment of soil polluted with heavy metals: a green approach. <b>2021</b> , 315-332	1

245	Application of biosurfactant as a noninvasive stimulant to enhance the degradation activities of indigenous hydrocarbon degraders in the soil. <b>2021</b> , 69-87	3
244	Biosurfactants as useful tools in bioremediation of contaminated soil and aquatic areas. <b>2021</b> , 377-394	
243	Application of Soil Microorganisms for Agricultural and Environmental Sustainability: A Review. <b>2021</b> , 151-175	0
242	Role of Biosurfactants in Agriculture and Soil Reclamation. <b>2021</b> , 145-174	
241	Self-assembly, interfacial properties, interactions with macromolecules and molecular modelling and simulation of microbial bio-based amphiphiles (biosurfactants). A tutorial review. <b>2021</b> , 23, 3842-3944	14
240	Active metabolites and biosurfactants for utilization in environmental remediation and eco-restoration of polluted soils. <b>2021</b> , 31-51	
239	Application of biosurfactant during the process of biostimulation for effective bioremediation of a contaminated environment. <b>2021</b> , 291-321	
238	Biosurfactants and Their Applications in the Oil and Gas Industry: Current State of Knowledge and Future Perspectives. <b>2021</b> , 9, 626639	36
237	Production optimization, purification and characterization of lipopeptide biosurfactant obtained from <i>Brevibacillus</i> sp. AVN13. <b>2021</b> , 9, 104867	4
236	Toxicity Profiling of Biosurfactants Produced by Novel Marine Bacterial Strains. <b>2021</b> , 22,	10
235	Microbial glycoconjugates in organic pollutant bioremediation: recent advances and applications. <b>2021</b> , 20, 72	21
234	Isolation and characterization of a novel rhamnolipid producer sp. LGMS7 from a highly contaminated site in Ain El Arbaa region of Ain Temouchent, Algeria. <b>2021</b> , 11, 200	1
233	ROS-Mediated Necrosis by Glycolipid Biosurfactants on Lung, Breast, and Skin Melanoma Cells. <b>2021</b> , 11, 622470	6
232	Production of lipopeptide biosurfactant in batch and fed-batch <i>Streptomyces</i> sp. PBD-410L cultures growing on palm oil. <b>2021</b> , 44, 1577-1592	4
231	Statistical analyses of the effect of rhamnolipid biosurfactant addition on the enzymatic removal of Bisphenol A from wastewater. <b>2021</b> , 32, 101929	7
230	Exploiting the Significance of Biosurfactant for the Treatment of Multidrug-Resistant Pathogenic Infections. <b>2021</b> , 339-352	
229	Production of Biosurfactants by Ascomycetes. <b>2021</b> , 2021, 6669263	5
228	Biosurfactants as Biocontrol Agents Against Mycotoxigenic Fungi. <b>2021</b> , 465-490	3

227	Production of a bacterial biosurfactant in an electrochemical environment as a prelude for in situ biosurfactant enhanced bio-electrokinetic remediation. <b>2021</b> , 148, 676-685	3
226	Biosurfactant-Inspired Control of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <b>2021</b> , 317-337	
225	Estimation of the biomass yield and stoichiometric coefficient during bioproduct formation through thermodynamic approach: a case study of biosurfactant production. <b>2021</b> , 1143, 012016	
224	Purification of surfactin compounds produced by a <i>Bacillus subtilis</i> strain. <b>2021</b> , 64, 121-128	
223	Unraveling Anaerobic Digestion Foaming via Association between Bacterial Metabolism and Variations in Microbiota. <b>2021</b> , 1, 978-988	1
222	Characterization and oil recovery application of biosurfactant produced during bioremediation of waste engine oil by strain <i>Pseudomonas aeruginosa</i> g KP 16392  isolated from Sambhar salt lake. 1-18	1
221	Assessment of the <i>Streptomyces</i> -plant system to mitigate the impact of Cr(VI) and lindane in experimental soils. <b>2021</b> , 28, 51217-51231	1
220	Novel green strategy to improve the hydrophobicity of cellulose nanocrystals and the interfacial elasticity of Pickering emulsions. <b>2021</b> , 28, 6201	1
219	Evaluation of surface active and antimicrobial properties of alkyl D-lyxosides and alkyl L-rhamnosides as green surfactants. <b>2021</b> , 271, 129818	2
218	Microenvironment pH-Induced Selective Cell Death for Potential Cancer Therapy Using Nanofibrous Self-Assembly of a Peptide Amphiphile. <b>2021</b> , 22, 2524-2531	5
217	Biosurfactants produced from corncob: a bibliometric perspective of a renewable and promising substrate. <b>2021</b> , 1-12	3
216	Fungal biosurfactants, from nature to biotechnological product: bioprospection, production and potential applications. <b>2021</b> , 44, 2003-2034	11
215	Rhizospheric <i>Pseudomonas</i> spp. with plant growth promotion and antifungal properties against <i>Sclerotium rolfsii</i> mediated pathogenesis in <i>Vigna unguiculata</i> . <b>2021</b> , 15, 483-491	2
214	Toward sustainable remediation of oil sands fine Tailings-A review. <b>2021</b> , 288, 112418	0
213	Combination of high-throughput microfluidics and FACS technologies to leverage the numbers game in natural product discovery. <b>2021</b> ,	2
212	Diverse Effects of Natural and Synthetic Surfactants on the Inhibition of Biofilm. <b>2021</b> , 13,	3
211	pH-Controlled Supramolecular Self-Assembly of Naphthalenediimide Appended L-Alanine and Ethylenediamine Asymmetric Bolaamphiphile. <b>2021</b> , 104, e2100011	
210	Natural Surfactants. <b>2022</b> , 19-24	

209	Current trends for distillery wastewater management and its emerging applications for sustainable environment. <b>2021</b> , 290, 112544	15
208	Production and analysis of capsules containing microorganisms consortiated for future application in petroleum bioremediation. <b>2021</b> , 32, 613-625	
207	Potential of pineapple peel in the alternative composition of culture media for biosurfactant production. <b>2021</b> , 1	1
206	Tank-mixing adjuvants enhanced the efficacy of fludioxonil on cucumber anthracnose by ameliorating the penetration ability of active ingredients on target interface. <b>2021</b> , 204, 111804	3
205	A Review on Biosurfactant Applications in the Petroleum Industry. <b>2021</b> , 2021, 1-10	1
204	Remediation of crude oil spill sites in Nigeria: Problems, technologies, and future prospects.	1
203	Biosurfactant production by native marine bacteria ( <i>Acinetobacter calcoaceticus</i> P1-1A) using waste carbon sources: Impact of process conditions. <b>2021</b> , 99, 2386	3
202	Production of rhamnolipids by the <i>Thermoanaerobacter</i> sp. CM-CNRG TB177 strain isolated from an oil well in Mexico. <b>2021</b> , 105, 5833-5844	0
201	Generation and Characterization of a Library of Novel Biologically Active Functional Surfactants (Surfmers) Using Combined High-Throughput Methods. <b>2021</b> , 13, 43290-43300	1
200	An overview of current research and developments in biosurfactants. <b>2021</b> , 100, 1-18	12
199	Microbial Biosurfactant: A New Frontier for Sustainable Agriculture and Pharmaceutical Industries. <b>2021</b> , 10,	18
198	Effects of accumulated straw residues on sorption of pesticides and antibiotics in soils with maize straw return. <b>2021</b> , 418, 126213	1
197	Biosurfactant is a powerful tool for the bioremediation of heavy metals from contaminated soils. <b>2021</b> , 418, 126253	25
196	Enhanced removal of hydrophobic volatile organic compounds in biofilters and biotrickling filters: A review on the use of surfactants and the addition of hydrophilic compounds. <b>2021</b> , 279, 130757	7
195	Simple Approximation for Aggregation Number Determination by Isothermal Titration Calorimetry: STAND-ITC. <b>2021</b> , 37, 11781-11792	0
194	Influence of inorganic and organic counter-cations on the surface properties and self-assembly of cyclic lipopeptide surfactin. <b>2021</b> , 626, 126973	1
193	Mutual influence of ethanol and surfactin on their wetting and adhesion properties. <b>2021</b> , 627, 127161	1
192	Deep remediation of oil spill based on the dispersion and photocatalytic degradation of biosurfactant-modified TiO. <b>2021</b> , 281, 130744	1

191	Reclamation of oil-induced soil hydrophobicity in the hyper-arid Evrona Nature Reserve, southern Israel. <b>2021</b> , 31, 892-902	0
190	<i>Bacillus velezensis</i> H2O-1 surfactin efficiently maintains its interfacial properties in extreme conditions found in post-salt and pre-salt oil reservoirs. <b>2021</b> , 208, 112072	1
189	Molecular mechanism of radio-resistance and heavy metal tolerance adaptation in microbes. <b>2022</b> , 275-293	0
188	Effect of rhamnolipids on the fungal elimination of toluene vapor in a biotrickling filter under stressed operational conditions. <b>2022</b> , 204, 111973	5
187	Application of biosurfactant for the production of adjuvant and their synergetic effects when combined with different agro-pesticides. <b>2021</b> , 255-277	3
186	Important parameters necessary in the bioreactor for the mass production of biosurfactants. <b>2021</b> , 347-365	1
185	Biosurfactant inducers for enhanced production of surfactin and rhamnolipids: an overview. <b>2021</b> , 37, 21	8
184	Biosurfactants or Chemical Surfactants?. <b>2021</b> , 1-35	0
183	The Recent Strategies Employed in Chemical Analysis of Contaminated Waters, Sediments and Soils as a Part of the Remediation Process: Extraction. <b>2021</b> , 131-173	
182	Biosurfactant application and bioaugmentation for effective bioremediation of contaminated environment. <b>2021</b> , 323-339	
181	Feasibility Studies for Microbial Remediation Hydrocarbon-Contaminated Soil. <b>2005</b> , 131-153	5
180	Applications of biological surface active compounds in remediation technologies. <b>2010</b> , 672, 121-34	48
179	Surfactant And Cosolvent Flushing. <b>2014</b> , 353-394	2
178	Biosurfactants Production by <i>Pseudomonas aeruginosa</i> FR Using Palm Oil. <b>2006</b> , 727-737	1
177	Production of Biosurfactant by <i>Pseudomonas aeruginosa</i> Grown on Cashew Apple Juice. <b>2007</b> , 185-194	2
176	Modern Bioremediation Approaches: Use of Biosurfactants, Emulsifiers, Enzymes, Biopesticides, GMOs. <b>2020</b> , 495-526	4
175	Bioremediation Strategies Employed by <i>Pseudomonas</i> Species. <b>2015</b> , 351-383	2
174	Biosurfactant-Assisted Bioaugmentation in Bioremediation. <b>2012</b> , 631-664	14

173	Electrobioremediation of Contaminants: Concepts, Mechanisms, Applications and Challenges. <b>2020</b> , 291-313	3
172	Microbes in Pharmaceutical Industry. <b>2020</b> , 259-299	6
171	Biotechnological aspects of mangrove microorganisms. <b>2020</b> , 381-398	1
170	MBSP1: a biosurfactant protein derived from a metagenomic library with activity in oil degradation. <b>2020</b> , 10, 1340	25
169	Use of Different Agroindustrial Waste and Produced Water for Biosurfactant Production. <b>2018</b> , 15, 17-25	14
168	Rhamnolipids Biosurfactants from <i>Pseudomonas aeruginosa</i> - A Review. <b>2018</b> , 15, 767-781	2
167	Lactonic Sphorolipids Increase Tumor Burden in Apcmin+/- Mice. <b>2016</b> , 11, e0156845	22
166	Evaluation of the Removal of Heavy Metals from Contaminated Sediment in Continuous Flow Tests with Selective Sequential Extraction. <b>2006</b> , 3, 13337	3
165	Overview of Natural Attenuation of Sediments. <b>2006</b> , 3, 13338	1
164	Bioemulsifier production by <i>Microbacterium</i> SP. strains isolated from mangrove and their application to remove cadmium and zinc from hazardous industrial residue. <b>2010</b> , 41, 235-45	9
163	Optimization Kerosene Bio-degradation by a Local Soil Bacterium Isolate <i>Klebsiella pneumoniae</i> Sp. pneumonia. <b>2018</b> , 12, 2049-2057	5
162	Rhamnolipids Production by a <i>Pseudomonas aeruginosa</i> LBI Mutant: Solutions and Homologs Characterization. <b>2014</b> , 51, 397-405	9
161	Synergistic Effect of Rhamnolipid and Saponin Biosurfactants on Removal of Heavy Metals from Oil Contaminated Soils. <b>2020</b> , 57, 109-114	4
160	Phytostabilization of Polluted Military Soil Supported by Bioaugmentation with PGP-Trace Element Tolerant Bacteria Isolated from <i>Helianthus petiolaris</i> . <b>2020</b> , 10, 204	9
159	Characteristics of Culture Conditions for the Production of Crude Biosurfactant by <i>Bacillus subtilis</i> JK-1. <b>2011</b> , 54, 153-158	2
158	Characteristics of Culture Conditions for the Production of Biosurfactant by <i>Bacillus pumilus</i> IJ-1. <b>2015</b> , 58, 81-88	3
157	Crude Oil and n-Octadecane Degradation under Saline Conditions by <i>Fusarium</i> sp., F092. <b>2012</b> , 6, 29-40	4
156	Remediation of Iron Using Rhamnolipid-Surfactant Produced by <i>Pseudomonas aeruginosa</i> . <b>2015</b> , 9, 169-177	14

155	Effect of Acid and Alkaline Pretreatment on the Production of Biosurfactant from Rice Husk Using <i>Mucor indicus</i> . <b>2016</b> , 10, 60-67	10
154	Application of biosurfactants in environmental biotechnology; remediation of oil and heavy metal. <b>2016</b> , 3, 289-304	60
153	Advances in the Reduction of the Costs Inherent to Fossil Fuels' Biodesulfurization towards Its Potential Industrial Application. <b>2016</b> , 390-425	2
152	Advances in the Reduction of the Costs Inherent to Fossil Fuel Biodesulfurization Towards Its Potential Industrial Applications. <b>2020</b> , 235-283	2
151	KH <sub>2</sub> PO <sub>4</sub> -aided soil washing for removing arsenic from water-stable soil aggregates collected in southern China. <b>2016</b> , 21, 304-310	11
150	Petroleum sludge treatment and disposal: A review. <b>2019</b> , 24, 191-201	83
149	Suppression Effect of Gray Mold and Late Blight on Tomato Plants by Rhamnolipid B. <b>2009</b> , 15, 222-229	3
148	In silico engineering of metabolism reveals new biomarkers for increased biosurfactant production. <b>2018</b> , 6, e6046	11
147	Core Flooding Studies Using Microbial Systems. <b>2022</b> , 221-241	
146	Retrospective and Prospective Bioremediation Technologies for Industrial Effluent Treatment. <b>2022</b> , 343-372	
145	Molecular genetics of surfactin and its effects on different sub-populations of. <b>2021</b> , 32, e00686	3
144	Effects of <i>Bacillus</i> lipopeptides on the survival and behavior of the rosy apple aphid <i>Dysaphis plantaginea</i> . <b>2021</b> , 226, 112840	0
143	Genotoxic Evaluation of Surfactin C in Chinese Hamster Lung Cell Line. <b>2009</b> , 25, 47-50	
142	Contaminant-Sediment Interactions. <b>2009</b> , 35-69	
141	Enhanced Soil Flushing and Washing of Contaminated Soil and Sediments. <b>2012</b> , 141-170	
140	Characterization of Biosurfactant Produced by a Novel Thermophilic Strain ( <i>Geobacillus thermoleovorans</i> JQ 912239). <b>2015</b> , 7, 96-107	0
139	AVALIAÇÃO DAS AVALIAÇÕES DAS CONCENTRAÇÕES DE INÓCULO E DE MELANINA DE SOJA NA PRODUÇÃO DE BIOSUSFACTANTE. CONCENTRAÇÕES DE INÓCULO E DE MELANINA DE SOJA NA PRODUÇÃO DE BIOSUSFACTANTE..	
138	Surfactants and Amphiphiles. 111-209	



137 Produçã de biosurfactante por *Aspergillus fumigatus* utilizando o sisal como substrato.

136 Surfactants. **2019**, 17-23

135 Surfactant Availability of Metals. **2019**, 59-68

134 Petroleum Spill Control With Biological Means. **2019**, 197-210

133 Effective Sodium Metabisulfite (Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>), HCl, Sulfur and Distilled Water for the Removal of Pb, Zn and Cr Contaminated Soil in the Columns Method. **2019**, 10, 882-892

132 Batch washing of lead contaminated and spiked soils using extracts of dried *Terminalia mantaly*, *Panicum maximum* and *Eleusine indica* plants. **2019**, 30, 29-36 2

131 Advances in the Reduction of the Costs Inherent to Fossil Fuels' Biodesulfurization Towards Its Potential Industrial Application. **2019**, 1985-2020

130 Remediation of Heavy Metals in Deep-sea Mining Tailings by Using Rhamnolipid. **2019**, 41, 524-531 1

129 Isolation and identification of the same type LMG1242 of biosurfactant-producing strain of *Pseudomonas aeruginosa* from different oil contaminated soils. 115-122

128 Multiple biosurfactant production by *Aureobasidium pullulans* strain YTP6-14 in aqueous and heavy oil layers. **2021**, 66, 330-338 1

127 Microbes as Natural Products for Drug Discovery. **2020**, 317-331 0

126 Phytoremediation effect of *Medicago sativa* colonized by *Piriformospora indica* in the phenanthrene and cadmium co-contaminated soil.

125 Effect of Amino Acids on the Production of Biosurfactant by *Pediococcus Acidilactici* F70. **2020**, 24, 129-138 2

124 Biorremediaçã de solos contaminados com arsênio por meio de lavagem de solo usando biosurfactantes. **2020**, 25, 543-553

123 Effects of surfactins, *Bacillus* lipopeptides, on the behavior of an aphid and host selection by its parasitoid. **2021**, 0

122 Bacterial Biofilms in Bioremediation of Metal-Contaminated Aquatic Environments. **2020**, 117-135

121 Isolation and Identification of Biosurfactant Producing Bacterial Strain from Saline Soil Samples in Iran; Evaluation of Factors on Biosurfactant Production. **2020**, 15, 0

120 Marine Actinobacteria: New Horizons in Bioremediation. **2021**, 425-449 1

- 119 Biofoam formation and defoamation in global wastewater treatment systems. **2021**, 16, 1-18 1
- 118 The Environmental Impact of Polycyclic Aromatic Hydrocarbons: Mechanism of Extraction by Bio-Surfactant in a Microwave. **2020**, 11, 576-589
- 117 Performance and potential of bacterial biodegradation of polycyclic aromatic hydrocarbons from micellar solutions. **2021**, 10, 341-364 1
- 116 Remediation of iron oxide bound Pb and Pb-contaminated soils using a combination of acid washing agents and l-ascorbic acid.. **2020**, 10, 37808-37817 0
- 115 The Use of Biosurfactants in the Bioremediation of Oil Spills in Water. **2020**, 333-350 3
- 114 Phytoremediation effect of *Medicago sativa* colonized by *Piriformospora indica* in the phenanthrene and cadmium co-contaminated soil.
- 113 Phytoremediation effect of *Medicago sativa* colonized by *Piriformospora indica* in the phenanthrene and cadmium co-contaminated soil.
- 112 Phytoremediation effect of *Medicago sativa* colonized by *Piriformospora indica* in the phenanthrene and cadmium co-contaminated soil.
- 111 Biosurfactants production by *Pseudomonas aeruginosa* FR using palm oil. **1996**, 131, 727-737
- 110 Marine Microbial Biosurfactants: Ecological and Environmental Applications. **2021**, 221-232
- 109 Nanotechnology for the Remediation of Heavy Metals and Metalloids in Contaminated Water. **2021**, 177-209
- 108 A comprehensive review on the use of eco-friendly surfactants in oil industry. **2022**, 357-399 0
- 107 Dining in Blue Light Impairs the Appetite of Some Leaf Epiphytes. **2021**, 12, 725021 3
- 106 Characterization and cytotoxicity assessment of biosurfactant derived from *Lactobacillus pentosus* NCIM 2912. **2021**, 1 2
- 105 Functional and Structural Characterization of -Derived Biosurfactant and Its Biomedical Potential against Bacterial Adhesion, Quorum Sensing, and Biofilm Formation. **2021**, 10, 7
- 104 Rhamnolipids as a Tool for Eradication of Biofilm. **2021**, 11, 1
- 103 Enzymatic Synthesis of Alkyl Glucosides by  $\beta$ -Glucosidases in a 2-in-1 Deep Eutectic Solvent System . 1
- 102 Bioprospecting for Biomolecules from Industrially Important Fungi: Current Research and Future Prospects. **2021**, 767-791

101	Biosurfactants and Their Biodegradability: A Review and Examination. <b>2022</b> , 11, 4-11	0
100	Effect of rhamnolipid biosurfactant on biodegradation of untreated and UV-pretreated non-degradable thermoplastics: Part 2. <b>2022</b> , 10, 107033	0
99	Production of Rhamnolipids by <i>Pseudomonas aeruginosa</i> AP029-GLVIA and Application on Bioremediation and as a Fungicide. <b>2020</b> , 17, 467-477	1
98	An Introduction to Microbial Biodiversity and Bioprospection. <b>2021</b> , 1-5	
97	Application of Microorganisms in Bioremediation. <b>2021</b> , 77-103	0
96	Phase Behaviour, Functionality, and Physicochemical Characteristics of Glycolipid Surfactants of Microbial Origin.. <b>2022</b> , 10, 816613	2
95	Assessment of biosurfactant as an emulsifier produced from <i>Bacillus aryabhatai</i> SPS1001 grown on industrial waste coal tar for recovery of bitumen from oil sands. 1	1
94	Molecular characterization of biosurfactant producing marine bacterium isolated from hydrocarbon-contaminated soil using 16S rRNA gene sequencing. <b>2022</b> , 34, 101871	2
93	Isolation, Screening, Characterization And Application Of Biosurfactant By <i>Achromobacter Xylos</i> Strain GSR21 Producing Bacteria From Hydrocarbons Contaminated Soil. <b>2022</b> , 12, 154-169	
92	Effect of bacteria on oil/water interfacial tension in asphaltenic oil reservoirs. <b>2022</b> , 639, 128263	0
91	Surface activity of biomolecules released from microalgae harvested by ozone-flotation. <b>2022</b> , 26, 102354	0
90	<i>Bacillus</i> Species and Their Invaluable Roles in Petroleum Hydrocarbon Bioremediation. <b>2022</b> , 101-126	
89	Microbial biosurfactants: An eco-friendly perspective for soil health management and environmental remediation. <b>2022</b> , 277-298	1
88	<i>Bacillus</i> as a Versatile Tool for Crop Improvement and Agro-Industry. <b>2022</b> , 429-452	0
87	Hazardous consequences of textile mill effluents on soil and their remediation approaches. <b>2022</b> , 7, 100434	3
86	Bioprospecting of indigenous biosurfactant-producing oleophilic bacteria for green remediation: an eco-sustainable approach for the management of petroleum contaminated soil.. <b>2022</b> , 12, 13	2
85	<i>Bacillus</i> sp.: A Remarkable Source of Bioactive Lipopeptides.. <b>2022</b> , 1	1
84	Application of low- and high-molecular-weight biosurfactants in medicine/biomedical/pharmaceutical industries. <b>2022</b> , 397-420	0

83	Antioxidant activity of biogenic surfactants. <b>2022</b> , 579-606	
82	Biosurfactant as a vehicle for targeted antitumor and anticancer drug delivery. <b>2022</b> , 299-317	
81	Biosurfactants role in nanotechnology for anticancer treatment. <b>2022</b> , 375-395	
80	Environmental Impacts of Biosurfactants from a Life Cycle Perspective: A Systematic Literature Review.. <b>2022</b> , 1	0
79	Inhibitory activity of biosurfactants against H <sup>+</sup> -K <sup>+</sup> ATPases and defense against gastric ulcers. <b>2022</b> , 235-242	
78	Rheological behavior of biosurfactants. <b>2022</b> , 529-541	1
77	Biotechnological approaches for upgrading of unconventional crude oil. <b>2022</b> , 125-175	0
76	Review on new heavy oil viscosity reduction technologies. <b>2022</b> , 983, 012059	1
75	Biosurfactant: A Next-Generation Tool for Sustainable Remediation of Organic Pollutants.. <b>2021</b> , 12, 821531	1
74	Unravelling the sponge microbiome as a promising source of biosurfactants.. <b>2022</b> , 1-16	0
73	Synthetic routes for designing furanic and non furanic biobased surfactants from 5-hydroxymethylfurfural.. <b>2022</b> ,	1
72	Remediation of oil-contaminated soil using Fe/Cu nanoparticles and biosurfactants.. <b>2022</b> , 1-18	4
71	Remediation of petroleum hydrocarbons-contaminated soil: Analysis based on Chinese patents.. <b>2022</b> , 134173	2
70	The assembly of amitriptyline hydrochloride + triton X-45 (non-ionic surfactant) mixtures: Effects of simple salt and urea. <b>2022</b> , 356, 118997	0
69	Performance evaluation of fungal biotrickling filter for styrene destruction: Experimental and artificial neural networks modeling. <b>2022</b> , 162, 49-60	1
68	Enhanced biodegradation of hexachlorocyclohexane (HCH) isomers by <i>Sphingobium</i> sp. strain D4 in the presence of root exudates or in co-culture with HCH-mobilizing strains.. <b>2022</b> , 433, 128764	3
67	Inhibition of Bacterial Adhesion and Antibiofilm Activities of a Glycolipid Biosurfactant from with Its Physicochemical and Functional Properties.. <b>2021</b> , 10,	8
66	Microbial Biosurfactants and Their Implication Toward Wastewater Management. <b>2022</b> , 1	

- 65 Study on improving the hydrophilicity of coal by a biosurfactant-producing strain screened from coal. **2022**, 107764
- 64 Peroxymonosulfate-activated molecularly imprinted bimetallic MOFs for targeted removal of PAHs and recovery of biosurfactants from soil washing effluents. **2022**, 443, 136412 1
- 63 Image\_1.TIF. **2020**,
- 62 Image\_2.TIF. **2020**,
- 61 Table\_1.DOCX. **2020**,
- 60 Table\_2.DOCX. **2020**,
- 59 An insight on developing nanoformulations suitable for delivering plant beneficial microorganisms to crops under abiotic stresses. **2022**, 273-297
- 58 Exploration of surfactin production by newly isolated Bacillus and Lysinibacillus strains from food related sources.. **2022**, 1
- 57 Biosurfactants: Promising Biomolecules for Environmental Cleanup. **2022**, 293-319
- 56 Viscoelastic micellar system of mixed surfactin and octadecyl trimethyl ammonium chloride.
- 55 Bioremediation and phytoremediation of pesticides residues from contaminated water: a novel approach. **2022**, 339-363
- 54 Combining the mechanical ball milling of the carbohydrate and the use of low solvent reaction media for the synthesis of fructose fatty acid esters by immobilized lipases. **2022**, 0
- 53 Characterization of the Thermostable Biosurfactant Produced by Burkholderia thailandensis DSM 13276. **2022**, 14, 2088 0
- 52 Wastewater technology attenuates the toxicity of shisha smoking.
- 51 Corner flows induced by surfactant-producing bacteria Bacillus subtilis and Pseudomonas fluorescens.
- 50 Environmental comparative study of biosurfactants production and optimization using bacterial strains isolated from Egyptian oil fields. **2022**, 110796
- 49 Production of Rhamnolipid Biosurfactant from Waste Cooking Oil Using Pseudomonas putida in a Batch Reactor. **2022**, 211-221 0
- 48 Wetting Properties of Rhamnolipid and Surfactin Mixtures with Triton X-165. **2022**, 27, 4706

- 47 Biological control activity of biosurfactant for the management of root disease in crop plants. **2022**, 303-320
- 46 Dye Decolorization by *Rhodococcus ruber* Strain TES III Isolated from Textile Effluent Wastewater Contaminated Soil. **2022**, 7,
- 45 Polycyclic aromatic hydrocarbons remobilization from contaminated porous media by (bio)surfactants washing. **2022**, 104065
- 44 Guava Seed Oil: Potential Waste for the Rhamnolipids Production. **2022**, 8, 379
- 43 Simultaneous acidic air biofiltration of toluene and styrene mixture in the presence of rhamnolipids: Performance evaluation and neural model analysis. **2022**, 187, 108637 ○
- 42 Dodecenylsuccinic anhydride-modified oxalate decarboxylase loaded with magnetic nano-Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> for demulsification of oil-in-water emulsions. **2022**, 308, 136595 1
- 41 Biosurfactant as biostimulant: Factors responsible for plant growth promotions. **2022**, 45-68 ○
- 40 Metal oxidizing microbes and potential application in bioremediation of soil and water. **2022**, 309-330 ○
- 39 The potential of biosurfactant for improving the bioavailability of nutrient for beneficial plant-associated microbes. **2022**, 181-226 ○
- 38 Application of biosurfactant as antibiotics for the management of diseases affecting livestock. **2022**, 127-150 ○
- 37 Food Waste as a Valuable Carbon Source for Bioconversion |How Microbes do Miracles. **2022**, 312-322 ○
- 36 Delving of a Promising Bioemulsifier Producing Bacterium from an Oil Contaminated Coastal Site and its Enhanced Production. **2022**, 19, 727-735 ○
- 35 A review of the role of biosurfactants in the biodegradation of hydrophobic organopollutants: production, mode of action, biosynthesis and applications. **2022**, 38, ○
- 34 Biosurfactants as structure directing agents of porous siliceous materials. **2022**, 345, 112279 ○
- 33 Applications of biosurfactant as solubilizers and wetting agents. **2023**, 279-306 ○
- 32 Application of biosurfactants in juice industry. **2023**, 527-536 ○
- 31 Application of biosurfactant as versatile additives or ingredients of food processing. **2023**, 111-135 ○
- 30 Next-generational biosurfactant and their practical application in the food industry. **2023**, 361-389 1

29	Microbial Biosurfactants: Characterization, Properties, and Environmental Applications. <b>2022</b> , 371-389	0
28	Heavy metal removal from water using the metallogelation properties of a new glycolipid biosurfactant.	1
27	Bioremediation of Petroleum-Contaminated Soils with Biosurfactant-Producing Degradable Isolated from the Native Desert Soils. <b>2022</b> , 10, 2267	0
26	Phytoremediation of industrial effluents assisted by plant growth promoting bacteria.	0
25	Green surfactants for corrosion control: Design, performance and applications. <b>2023</b> , 311, 102822	1
24	Rhamnolipid (RL) microbial biosurfactant-based reverse micellar dyeing of cotton fabric with reactive dyes: A salt-free and alkali-free one-bath one-step approach. <b>2023</b> , 658, 130725	0
23	Chapter 11. Surfactants and Biosurfactants as Green Corrosion Inhibitors. <b>2022</b> , 239-265	0
22	Antioxidant, Antibacterial, and BSA Binding Properties of Curcumin Caffeate Capped Silver Nanoparticles Prepared by Greener Method. <b>2022</b> , 7,	0
21	A Systematic Review on Biosurfactants Contribution to the Transition to a Circular Economy. <b>2022</b> , 10, 2647	0
20	Study on the Remediation of Cadmium/Mercury Contaminated Soil by Leaching: Effectiveness, Conditions, and Ecological Risks. <b>2023</b> , 234,	1
19	Novel Organic Solvent Nanofiltration Approaches for Microbial Biosurfactants Downstream Processing. <b>2023</b> , 13, 81	1
18	Biosurfactants and Their Benefits for Seeds. <b>2023</b> , 309-329	0
17	Microbial bio-based amphiphiles (biosurfactants): General aspects on critical micelle concentration, surface tension, and phase behavior. <b>2023</b> , 3-31	0
16	Advantages and Disadvantages of Biosurfactants over Other Synthetic Surfactants. <b>2023</b> , 505-523	0
15	Novel approaches in the use of biosurfactants in the oil industry and environmental remediation. <b>2023</b> , 107-128	0
14	Antimicrobial lipopeptides of bacterial origin: The molecules of future antimicrobial chemotherapy. <b>2023</b> , 81-98	0
13	Surface Activity and Emulsification Properties of Saponins as Biosurfactants. <b>2023</b> , 137-153	1
12	Identifications of Surfactin-Type Biosurfactants Produced by Bacillus Species Isolated from Rhizosphere of Vegetables. <b>2023</b> , 28, 1172	0

11	An Overview on the Treatment of Oil Pollutants in Soil Using Synthetic and Biological Surfactant Foam and Nanoparticles. <b>2023</b> , 24, 1916	1
10	Classical Molecular Dynamics Simulation of Glyonic Liquids: Structural Insights and Relation to Conductive Properties. <b>2023</b> , 127, 921-931	0
9	Self-assembly of surfactin-like polymer in solution by dissipative particle dynamics method.	0
8	Chemicals from Biomass. <b>2012</b> , 279-324	0
7	Improved bioremediation of PCDD/Fs contaminated soil by mycelium-free liquids induced by agro-industrial residues. <b>2023</b> , 101435	0
6	Enhanced removal of mixed VOCs with different hydrophobicities by Tween 20 in a biotrickling filter: Kinetic analysis and biofilm characteristics. <b>2023</b> , 450, 131063	0
5	Production and characterization of bioemulsifier by <i>Parapedobacter indicus</i> . 14,	0
4	Remediation of organic contaminated soil by Fe-based nanoparticles and surfactants: a review. <b>2023</b> , 12, 60-82	1
3	Various surface-active agents used in flotation technology for the removal of noxious pollutants from wastewater: a critical review. <b>2023</b> , 9, 994-1007	0
2	Remediation of contaminated sand by Cd ions with variation operation: Batch and flushing column with foam and without foam of SDS surfactant. <b>2023</b> , 44, 329-335	0
1	Isolation and characterization of two glycolipopeptids biosurfactants produced by a <i>Lactobacillus plantarum</i> strain isolated from green olive curing water.	0