

Ligia R Rodrigues

List of Publications by Year in Descending Order

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

197
papers

8,227
citations

49
h-index

84
g-index

211
ext. papers

9,431
ext. citations

6
avg, IF

6.49
L-index

#	Paper	IF	Citations
197	Yeast Synthetic Biology Approaches for the Production of Valuable Polyphenolic Compounds 2022 , 119-156		
196	Plasmalemmal V-ATPase as a Potential Biomarker for Lactoferrin-Based Anticancer Therapy.. <i>Biomolecules</i> , 2022 , 12,	5.9	2
195	A review on lactoferrin as a proton pump inhibitor.. <i>International Journal of Biological Macromolecules</i> , 2022 , 202, 309-317	7.9	1
194	Heterologous production of chondroitin.. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2022 , 33, e00710	5.3	1
193	Paper-based aptasensor for colorimetric detection of osteopontin.. <i>Analytica Chimica Acta</i> , 2022 , 1198, 339557	6.6	0
192	Metagenomic Approaches as a Tool to Unravel Promising Biocatalysts from Natural Resources: Soil and Water. <i>Catalysts</i> , 2022 , 12, 385	4	0
191	New advances in exosome-based targeted drug delivery systems.. <i>Critical Reviews in Oncology/Hematology</i> , 2022 , 172, 103628	7	5
190	Perspectives on the design of microbial cell factories to produce prenylflavonoids.. <i>International Journal of Food Microbiology</i> , 2022 , 367, 109588	5.8	3
189	One-step production of a novel prebiotic mixture using <i>Zymomonas mobilis</i> ZM4. <i>Biochemical Engineering Journal</i> , 2022 , 183, 108443	4.2	0
188	Hydrolysates containing xylooligosaccharides produced by different strategies: Structural characterization, antioxidant and prebiotic activities. <i>Food Chemistry</i> , 2022 , 391, 133231	8.5	0
187	In Vitro CRISPR/Cas9 Transfection and Gene-Editing Mediated by Multivalent Cationic LiposomeDNA Complexes. <i>Pharmaceutics</i> , 2022 , 14, 1087	6.4	1
186	Cloning, Expression and Characterization of UDP-Glucose Dehydrogenases. <i>Life</i> , 2021 , 11,	3	1
185	Novel Biorecognition Elements against Pathogens in the Design of State-of-the-Art Diagnostics. <i>Biosensors</i> , 2021 , 11,	5.9	2
184	Improved method for the extraction of high-quality DNA from lignocellulosic compost samples for metagenomic studies. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 8881-8893	5.7	2
183	A kinetic model of the central carbon metabolism for acrylic acid production in <i>Escherichia coli</i> . <i>PLoS Computational Biology</i> , 2021 , 17, e1008704	5	5
182	Application of Biosurfactants for Microbial Enhanced Oil Recovery (MEOR) 2021 , 99-118		0
181	Designing a functional rice muffin formulated with prebiotic oligosaccharides and sugar reduction. <i>Food Bioscience</i> , 2021 , 40, 100858	4.9	4

180	Selection of aptamers against triple negative breast cancer cells using high throughput sequencing. <i>Scientific Reports</i> , 2021 , 11, 8614	4.9	4
179	Biosurfactants as Biocontrol Agents Against Mycotoxigenic Fungi 2021 , 465-490		3
178	Esterase production by <i>Aureobasidium pullulans</i> URM 7059 in stirred tank and airlift bioreactors using residual biodiesel glycerol as substrate. <i>Biochemical Engineering Journal</i> , 2021 , 168, 107954	4.2	2
177	Rhamnolipids inhibit aflatoxins production in <i>Aspergillus flavus</i> by causing structural damages in the fungal hyphae and down-regulating the expression of their biosynthetic genes. <i>International Journal of Food Microbiology</i> , 2021 , 348, 109207	5.8	2
176	Sustainable Surfactin Production by Using Crude Glycerol from Different Wastes. <i>Molecules</i> , 2021 , 26,	4.8	4
175	Host-Pathogen Adhesion as the Basis of Innovative Diagnostics for Emerging Pathogens. <i>Diagnostics</i> , 2021 , 11,	3.8	3
174	Novel and emerging prebiotics: Advances and opportunities. <i>Advances in Food and Nutrition Research</i> , 2021 , 95, 41-95	6	8
173	Selection of a new peptide homing SK-BR-3 breast cancer cells. <i>Chemical Biology and Drug Design</i> , 2021 , 97, 893-903	2.9	
172	Sustainable Lipase Production by <i>Diutina rugosa</i> NRRL Y-95 Through a Combined Use of Agro-Industrial Residues as Feedstock. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 589-605	3.2	5
171	Biosynthesis and heterologous production of furanocoumarins: perspectives and current challenges. <i>Natural Product Reports</i> , 2021 , 38, 869-879	15.1	6
170	Lactoferrin perturbs lipid rafts and requires integrity of Pma1p-lipid rafts association to exert its antifungal activity against <i>Saccharomyces cerevisiae</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 171, 343-357	7.9	3
169	In vitro selection of DNA aptamers against human osteosarcoma. <i>Investigational New Drugs</i> , 2021 , 1	4.3	3
168	The milk-derived lactoferrin inhibits V-ATPase activity by targeting its V1 domain. <i>International Journal of Biological Macromolecules</i> , 2021 , 186, 54-70	7.9	2
167	Characterization of levan produced by a <i>Paenibacillus</i> sp. isolated from Brazilian crude oil. <i>International Journal of Biological Macromolecules</i> , 2021 , 186, 788-799	7.9	1
166	Modification of PET surfaces with gum Arabic towards its bacterial anti-adhesiveness using an experimental factorial design approach. <i>Materials Today Communications</i> , 2021 , 28, 102684	2.5	2
165	Emerging insights on the role of V-ATPase in human diseases: Therapeutic challenges and opportunities. <i>Medicinal Research Reviews</i> , 2021 , 41, 1927-1964	14.4	5
164	Curcumin biosynthesis from ferulic acid by engineered <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Journal</i> , 2021 , e2100400	5.6	2
163	<i>Zymomonas mobilis</i> as an emerging biotechnological chassis for the production of industrially relevant compounds. <i>Bioresources and Bioprocessing</i> , 2021 , 8,	5.2	2

162	Synthetic Biology Approaches to Engineer towards the Industrial Production of Valuable Polyphenolic Compounds. <i>Life</i> , 2020 , 10,	3	12
161	A Combinatorial Approach to Optimize the Production of Curcuminoids From Tyrosine in. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 59	5.8	19
160	Exploring the potential of polyethylene terephthalate in the design of antibacterial surfaces. <i>Medical Microbiology and Immunology</i> , 2020 , 209, 363-372	4	18
159	In vitro fermentation of raffinose to unravel its potential as prebiotic ingredient. <i>LWT - Food Science and Technology</i> , 2020 , 126, 109322	5.4	16
158	Biocatalysis in Ionic Liquids: Enzymatic Synthesis of Sugar Fatty Acid Esters. <i>Nanotechnology in the Life Sciences</i> , 2020 , 51-79	1.1	
157	The Role of Diet Related Short-Chain Fatty Acids in Colorectal Cancer Metabolism and Survival: Prevention and Therapeutic Implications. <i>Current Medicinal Chemistry</i> , 2020 , 27, 4087-4108	4.3	42
156	CRISPR-Cas9: A Powerful Tool to Efficiently Engineer. <i>Life</i> , 2020 , 11,	3	8
155	Biotech Green Approaches to Unravel the Potential of Residues into Valuable Products. <i>Nanotechnology in the Life Sciences</i> , 2020 , 97-150	1.1	2
154	New solutions to capture and enrich bacteria from complex samples. <i>Medical Microbiology and Immunology</i> , 2020 , 209, 335-341	4	10
153	Synergistic effect of hen egg white lysozyme and lysosomotropic surfactants on cell viability and membrane permeability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 185, 110598	6	4
152	In vitro assessment of prebiotic properties of xylooligosaccharides produced by <i>Bacillus subtilis</i> 3610. <i>Carbohydrate Polymers</i> , 2020 , 229, 115460	10.3	17
151	Multivariate analysis as a tool for selecting the vine pruning pretreatment towards the highest enzymatic hydrolysis yield. <i>Biomass and Bioenergy</i> , 2020 , 140, 105653	5.3	4
150	Effect of bacterial nanocellulose binding on the bactericidal activity of bovine lactoferrin. <i>Heliyon</i> , 2020 , 6, e04372	3.6	5
149	Developing a Sustainable and Circular Bio-Based Economy in EU: By Partnering Across Sectors, Upscaling and Using New Knowledge Faster, and For the Benefit of Climate, Environment & Biodiversity, and People & Business. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 619066	5.8	26
148	Microbial Surfactants: Alternative to Vegetable Oil Surfactants. <i>Methods in Molecular Biology</i> , 2019 , 1995, 383-393	1.4	1
147	Rational Identification of a Colorectal Cancer Targeting Peptide through Phage Display. <i>Scientific Reports</i> , 2019 , 9, 3958	4.9	13
146	Integrated strategy for purification of esterase from <i>Aureobasidium pullulans</i> . <i>Separation and Purification Technology</i> , 2019 , 209, 409-418	8.3	8
145	One-step process for producing prebiotic arabino-xylooligosaccharides from brewer's spent grain employing <i>Trichoderma</i> species. <i>Food Chemistry</i> , 2019 , 270, 86-94	8.5	48

144	Metal-Biosurfactant Complexes Characterization: Binding, Self-Assembly and Interaction with Bovine Serum Albumin. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
143	Biosensors for Rapid Detection of Breast Cancer Biomarkers 2019 , 71-103		7
142	Research and Production of Biosurfactants for the Food Industry 2019 , 125-143		4
141	The biopolymer produced by <i>Rhizobium viscosum</i> CECT 908 is a promising agent for application in microbial enhanced oil recovery. <i>New Biotechnology</i> , 2019 , 49, 144-150	6.4	23
140	Biomolecular interactions of lysosomotropic surfactants with cytochrome c and its effect on the protein conformation: A biophysical approach. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 1177-1185	7.9	9
139	Nanotechnology in Targeted Drug Delivery and Therapeutics 2019 , 357-409		9
138	Downscale fermentation for xylooligosaccharides production by recombinant <i>Bacillus subtilis</i> 3610. <i>Carbohydrate Polymers</i> , 2019 , 205, 176-183	10.3	17
137	Production of fructo-oligosaccharides by <i>Aspergillus ibericus</i> and their chemical characterization. <i>LWT - Food Science and Technology</i> , 2018 , 89, 58-64	5.4	30
136	Study of metal-lipopeptide complexes and their self-assembly behavior, micelle formation, interaction with bovine serum albumin and biological properties. <i>Journal of Molecular Liquids</i> , 2018 , 268, 743-753	6	11
135	Colorectal Cancer Cells Increase the Production of Short Chain Fatty Acids by Impacting on Cancer Cells Survival. <i>Frontiers in Nutrition</i> , 2018 , 5, 44	6.2	29
134	Bovine Milk Lactoferrin Selectively Kills Highly Metastatic Prostate Cancer PC-3 and Osteosarcoma MG-63 Cells. <i>Frontiers in Oncology</i> , 2018 , 8, 200	5.3	24
133	Single-step production of arabino-xylooligosaccharides by recombinant <i>Bacillus subtilis</i> 3610 cultivated in brewers spent grain. <i>Carbohydrate Polymers</i> , 2018 , 199, 546-554	10.3	21
132	One-step co-culture fermentation strategy to produce high-content fructo-oligosaccharides. <i>Carbohydrate Polymers</i> , 2018 , 201, 31-38	10.3	19
131	Bioactivity of glycolipopeptide cell-bound biosurfactants against skin pathogens. <i>International Journal of Biological Macromolecules</i> , 2018 , 109, 971-979	7.9	46
130	Improvement of biosurfactant production by <i>Wickerhamomyces anomalus</i> CCMA 0358 and its potential application in bioremediation. <i>Journal of Hazardous Materials</i> , 2018 , 346, 152-158	12.8	33
129	Potential Applications of the <i>Escherichia coli</i> Heat Shock Response in Synthetic Biology. <i>Trends in Biotechnology</i> , 2018 , 36, 186-198	15.1	22
128	New Galactosidase producers with potential for prebiotic synthesis. <i>Bioresource Technology</i> , 2018 , 250, 131-139	11	20
127	In vitro digestibility and fermentability of fructo-oligosaccharides produced by <i>Aspergillus ibericus</i> . <i>Journal of Functional Foods</i> , 2018 , 46, 278-287	5.1	26

126	Influence of nutritional and operational parameters on the production of butanol or 1,3-propanediol from glycerol by a mutant <i>Clostridium pasteurianum</i> . <i>New Biotechnology</i> , 2017 , 34, 59-67	6.4	11
125	Biosurfactants in cosmetic formulations: trends and challenges. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 911-923	9.4	121
124	Novel cosmetic formulations containing a biosurfactant from <i>Lactobacillus paracasei</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 155, 522-529	6	72
123	Vineyard pruning waste as an alternative carbon source to produce novel biosurfactants by <i>Lactobacillus paracasei</i> . <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 55, 40-49	6.3	39
122	β-galactosidase from <i>Aspergillus lacticoffeatus</i> : A promising biocatalyst for the synthesis of novel prebiotics. <i>International Journal of Food Microbiology</i> , 2017 , 257, 67-74	5.8	28
121	Hydroxycinnamic acids and curcumin production in engineered <i>Escherichia coli</i> using heat shock promoters. <i>Biochemical Engineering Journal</i> , 2017 , 125, 41-49	4.2	25
120	New glycolipid biosurfactants produced by the yeast strain <i>Wickerhamomyces anomalus</i> CCMA 0358. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 154, 373-382	6	41
119	Sodium chloride effect on the aggregation behaviour of rhamnolipids and their antifungal activity. <i>Scientific Reports</i> , 2017 , 7, 12907	4.9	29
118	Optimization of fermentation conditions for the production of curcumin by engineered. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	26
117	Electrochemical aptasensor for human osteopontin detection using a DNA aptamer selected by SELEX. <i>Analytica Chimica Acta</i> , 2017 , 987, 25-37	6.6	34
116	Physicochemical study of biomolecular interactions between lysosomotropic surfactants and bovine serum albumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 750-758	6	33
115	The yeast-like fungus <i>Aureobasidium thailandense</i> LB01 produces a new biosurfactant using olive oil mill wastewater as an inducer. <i>Microbiological Research</i> , 2017 , 204, 40-47	5.3	31
114	Electronic tongues and aptasensors 2017 , 371-402		4
113	Synthetic Biology 2017 , 239-269		3
112	Synthetic biology strategies towards the development of new bioinspired technologies for medical applications 2017 , 451-497		4
111	Strategies for the production of high-content fructo-oligosaccharides through the removal of small saccharides by co-culture or successive fermentation with yeast. <i>Carbohydrate Polymers</i> , 2016 , 136, 274-81	10.3	49
110	Screening and characterization of novel specific peptides targeting MDA-MB-231 claudin-low breast carcinoma by computer-aided phage display methodologies. <i>BMC Cancer</i> , 2016 , 16, 881	4.8	6
109	Acetylated bacterial cellulose coated with urinary bladder matrix as a substrate for retinal pigment epithelium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 139, 1-9	6	31

108	Bacterial cellulose-lactoferrin as an antimicrobial edible packaging. <i>Food Hydrocolloids</i> , 2016 , 58, 126-140	0.6	94
107	Gliadins in Foods and the Electronic Tongue 2016 , 179-188		
106	Lactoferrin selectively triggers apoptosis in highly metastatic breast cancer cells through inhibition of plasmalemmal V-H+-ATPase. <i>Oncotarget</i> , 2016 , 7, 62144-62158	3.3	27
105	Selection of Novel Peptides Homing the 4T1 CELL Line: Exploring Alternative Targets for Triple Negative Breast Cancer. <i>PLoS ONE</i> , 2016 , 11, e0161290	3.7	17
104	Biosurfactants Produced by Marine Microorganisms with Therapeutic Applications. <i>Marine Drugs</i> , 2016 , 14,	6	98
103	Structure and mode of action of cyclic lipopeptide pseudofactin II with divalent metal ions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 498-506	6	22
102	Biocatalytic Approaches Using Lactulose: End Product Compared with Substrate. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016 , 15, 878-896	16.4	17
101	Voltammetric aptasensors for protein disease biomarkers detection: A review. <i>Biotechnology Advances</i> , 2016 , 34, 941-953	17.8	57
100	Valorization of agro-industrial wastes towards the production of rhamnolipids. <i>Bioresource Technology</i> , 2016 , 212, 144-150	11	99
99	Biosurfactant production by <i>Bacillus subtilis</i> using corn steep liquor as culture medium. <i>Frontiers in Microbiology</i> , 2015 , 6, 59	5.7	97
98	Development of an electrochemical RNA-aptasensor to detect human osteopontin. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 332-341	11.8	25
97	Novel bioemulsifier produced by a <i>Paenibacillus</i> strain isolated from crude oil. <i>Microbial Cell Factories</i> , 2015 , 14, 14	6.4	41
96	Bacterial cellulose as a support for the growth of retinal pigment epithelium. <i>Biomacromolecules</i> , 2015 , 16, 1341-51	6.9	46
95	Perspectives on the biotechnological production and potential applications of lactosucrose: A review. <i>Journal of Functional Foods</i> , 2015 , 19, 74-90	5.1	33
94	Antimicrobial and anti-adhesive activities of cell-bound biosurfactant from <i>Lactobacillus agilis</i> CCUG31450. <i>RSC Advances</i> , 2015 , 5, 90960-90968	3.7	68
93	Antibacterial performance of bovine lactoferrin-fish gelatine electrospun membranes. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 608-14	7.9	22
92	Sugar ester surfactants: enzymatic synthesis and applications in food industry. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 595-610	11.5	90
91	Bioconversion of agro-industrial by-products in rhamnolipids toward applications in enhanced oil recovery and bioremediation. <i>Bioresource Technology</i> , 2015 , 177, 87-93	11	131

90	In vitro evaluation of bovine lactoferrin potential as an anticancer agent. <i>International Dairy Journal</i> , 2015 , 40, 6-15	3.5	23
89	New Trends and Technological Challenges in the Industrial Production and Purification of Fructo-oligosaccharides. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 1444-55	11.5	60
88	Overview on Cell-Biomaterial Interactions 2015 , 91-128		1
87	Triple Negative Breast Cancer: Nanosolutions for a Big Challenge. <i>Advanced Science</i> , 2015 , 2, 1500053	13.6	27
86	Heterologous production of caffeic acid from tyrosine in Escherichia coli. <i>Enzyme and Microbial Technology</i> , 2015 , 71, 36-44	3.8	47
85	Microbial surfactants: fundamentals and applicability in the formulation of nano-sized drug delivery vectors. <i>Journal of Colloid and Interface Science</i> , 2015 , 449, 304-16	9.3	64
84	Heterologous production of curcuminoids. <i>Microbiology and Molecular Biology Reviews</i> , 2015 , 79, 39-60	13.2	54
83	Production of curcuminoids from tyrosine by a metabolically engineered Escherichia coli using caffeic acid as an intermediate. <i>Biotechnology Journal</i> , 2015 , 10, 599-609	5.6	35
82	Anaerobic granular sludge as a biocatalyst for 1,3-propanediol production from glycerol in continuous bioreactors. <i>Bioresource Technology</i> , 2014 , 155, 28-33	11	27
81	Modifying Fish Gelatin Electrospun Membranes for Biomedical Applications: Cross-Linking and Swelling Behavior. <i>Soft Materials</i> , 2014 , 12, 247-252	1.7	15
80	An Overview of the Recent Developments on Fructooligosaccharide Production and Applications. <i>Food and Bioprocess Technology</i> , 2014 , 7, 324-337	5.1	99
79	Novel benzopsoralen analogues: synthesis, biological activity and molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 298-305	6.8	6
78	A kinetic model for curcumin production in Escherichia coli. <i>BioSystems</i> , 2014 , 125, 16-21	1.9	7
77	Selection of Escherichia coli heat shock promoters toward their application as stress probes. <i>Journal of Biotechnology</i> , 2014 , 188, 61-71	3.7	14
76	Effects of biosurfactants on the viability and proliferation of human breast cancer cells. <i>AMB Express</i> , 2014 , 4, 40	4.1	68
75	Dietary Sugars Analysis: Quantification of Fructooligosaccharides during Fermentation by HPLC-RI Method. <i>Frontiers in Nutrition</i> , 2014 , 1, 11	6.2	10
74	Functionalization of Silicone Rubber Surfaces towards Biomedical Applications 2014 , 111-122		1
73	Development of an Electrochemical Aptasensor for the Detection of Human Osteopontin. <i>Procedia Engineering</i> , 2014 , 87, 316-319		8

72	Modulation of crude glycerol fermentation by <i>Clostridium pasteurianum</i> DSM 525 towards the production of butanol. <i>Biomass and Bioenergy</i> , 2014 , 71, 134-143	5.3	31
71	Bovine lactoferrin induces cell cycle arrest and inhibits mTOR signaling in breast cancer cells. <i>Nutrition and Cancer</i> , 2014 , 66, 1371-85	2.8	28
70	Anticancer effects of lactoferrin: underlying mechanisms and future trends in cancer therapy. <i>Nutrition Reviews</i> , 2014 , 72, 763-73	6.4	65
69	Biosurfactant-producing and oil-degrading <i>Bacillus subtilis</i> strains enhance oil recovery in laboratory sand-pack columns. <i>Journal of Hazardous Materials</i> , 2013 , 261, 106-13	12.8	99
68	Fluorescence in situ Hybridization method using Peptide Nucleic Acid probes for rapid detection of <i>Lactobacillus</i> and <i>Gardnerella</i> spp. <i>BMC Microbiology</i> , 2013 , 13, 82	4.5	35
67	Thermal and hydrolytic degradation of electrospun fish gelatin membranes. <i>Polymer Testing</i> , 2013 , 32, 995-1000	4.5	55
66	Synthesis of novel psoralen analogues and their in vitro antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5047-53	3.4	15
65	Potential therapeutic applications of biosurfactants. <i>Trends in Pharmacological Sciences</i> , 2013 , 34, 667-75	3.2	242
64	Physicochemical and biological evaluation of poly(ethylene glycol) methacrylate grafted onto poly(dimethyl siloxane) surfaces for prosthetic devices. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 109, 228-35	6	25
63	Fluorescence in situ hybridization method using a peptide nucleic acid probe for identification of <i>Lactobacillus</i> spp. in milk samples. <i>International Journal of Food Microbiology</i> , 2013 , 162, 64-70	5.8	24
62	Optimization and characterization of biosurfactant production by <i>Bacillus subtilis</i> isolates towards microbial enhanced oil recovery applications. <i>Fuel</i> , 2013 , 111, 259-268	7.1	233
61	Partial characterization of biosurfactant from <i>Lactobacillus pentosus</i> and comparison with sodium dodecyl sulphate for the bioremediation of hydrocarbon contaminated soil. <i>BioMed Research International</i> , 2013 , 2013, 961842	3	40
60	Dairy. <i>Contemporary Food Engineering</i> , 2013 , 295-326		
59	Synthesis of novel benzofurocoumarin analogues and their anti-proliferative effect on human cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2012 , 47, 370-6	6.8	20
58	Fractionation of the major whey proteins and isolation of β -Lactoglobulin variants by anion exchange chromatography. <i>Separation and Purification Technology</i> , 2012 , 90, 133-139	8.3	49
57	Fructo-oligosaccharides purification from a fermentative broth using an activated charcoal column. <i>New Biotechnology</i> , 2012 , 29, 395-401	6.4	48
56	Characterization by electrospray ionization and tandem mass spectrometry of rhamnolipids produced by two <i>Pseudomonas aeruginosa</i> strains isolated from Brazilian crude oil. <i>European Journal of Mass Spectrometry</i> , 2012 , 18, 399-406	1.1	19
55	New improved method for fructooligosaccharides production by <i>Aureobasidium pullulans</i> . <i>Carbohydrate Polymers</i> , 2012 , 89, 1174-9	10.3	60

54	CHAPTER 14:UV Spectrophotometry Method for Dietary Sugars. <i>Food and Nutritional Components in Focus</i> , 2012 , 229-248		3
53	Optimal glucose and inoculum concentrations for production of bioactive molecules by <i>Paenibacillus polymyxa</i> RNC-D. <i>Chemical Papers</i> , 2012 , 66,	1.9	6
52	Production of fructooligosaccharides and β -fructofuranosidase by batch and repeated batch fermentation with immobilized cells of <i>Penicillium expansum</i> . <i>European Food Research and Technology</i> , 2012 , 235, 13-22	3.4	26
51	Enzymatic synthesis of sugar esters and their potential as surface-active stabilizers of coconut milk emulsions. <i>Food Hydrocolloids</i> , 2012 , 27, 324-331	10.6	104
50	Isolation and study of microorganisms from oil samples for application in Microbial Enhanced Oil Recovery. <i>International Biodeterioration and Biodegradation</i> , 2012 , 68, 56-64	4.8	137
49	Performance of a biosurfactant produced by a <i>Bacillus subtilis</i> strain isolated from crude oil samples as compared to commercial chemical surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 89, 167-74	6	113
48	Biosurfactant Producing Microorganisms and Its Application to Enhance Oil Recovery at Lab Scale 2012 ,		4
47	Characterization of galactooligosaccharides produced by β -galactosidase immobilized onto magnetized Dacron. <i>International Dairy Journal</i> , 2011 , 21, 172-178	3.5	33
46	The effect of bovine milk lactoferrin on human breast cancer cell lines. <i>Journal of Dairy Science</i> , 2011 , 94, 66-76	4	67
45	Biosurfactant-Producing Lactobacilli: Screening, Production Profiles, and Effect of Medium Composition. <i>Applied and Environmental Soil Science</i> , 2011 , 2011, 1-9	3.8	54
44	Inhibition of bacterial adhesion on medical devices. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 715, 351-67	3.6	74
43	Evaluation antimicrobial and antiadhesive properties of the biosurfactant Lunasan produced by <i>Candida sphaerica</i> UCP 0995. <i>Current Microbiology</i> , 2011 , 62, 1527-34	2.4	77
42	Water sorption and plasticization of an amorphous galacto-oligosaccharide mixture. <i>Carbohydrate Polymers</i> , 2011 , 83, 831-835	10.3	22
41	Poly(dimethyl siloxane) surface modification with biosurfactants isolated from probiotic strains. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 98, 535-43	5.4	17
40	Antimicrobial and anti-adhesive potential of a biosurfactant Rufisan produced by <i>Candida lipolytica</i> UCP 0988. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 1-5	6	87
39	Maximization of fructose esters synthesis by response surface methodology. <i>New Biotechnology</i> , 2011 , 28, 349-55	6.4	24
38	Fractionation and recovery of whey proteins by hydrophobic interaction chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 475-9	3.2	19
37	Novel Approaches to avoid Microbial Adhesion onto Biomaterials. <i>Journal of Biotechnology & Biomaterials</i> , 2011 , 01,	0	2

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