

# Manuel Simes

## 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.

220  
papers

10,523  
citations

50  
h-index

97  
g-index

231  
ext. papers

12,474  
ext. citations

5.4  
avg, IF

6.87  
L-index

#	Paper	IF	Citations
220	Biofilms in Surgical Site Infections: Recent Advances and Novel Prevention and Eradication Strategies.. <i>Antibiotics</i> , <b>2022</b> , 11,	4.9	5
219	Influence of surface materials on biofilm formation <b>2022</b> , 45-63		
218	Drug Repurposing Targeting MvfR Using Docking, Virtual Screening, Molecular Dynamics, and Free-Energy Calculations.. <i>Antibiotics</i> , <b>2022</b> , 11,	4.9	1
217	Review on microbial fuel cells applications, developments and costs.. <i>Journal of Environmental Management</i> , <b>2022</b> , 307, 114525	7.9	4
216	Antibiofilm activity of glycolic acid and glyoxal and their diffusion-reaction interactions with biofilm components.. <i>Food Research International</i> , <b>2022</b> , 152, 110921	7	0
215	Microalgal-based removal of contaminants of emerging concern. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127153	12.8	9
214	Synthetic Musk Fragrances in Water Systems and Their Impact on Microbial Communities. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 692	3	3
213	Parabens as emerging contaminants: Environmental persistence, current practices and treatment processes. <i>Journal of Cleaner Production</i> , <b>2022</b> , 347, 131244	10.3	2
212	Impact of parabens on microalgae bioremediation of wastewaters: A mechanistic study. <i>Chemical Engineering Journal</i> , <b>2022</b> , 442, 136374	14.7	0
211	Screening of Natural Molecules as Adjuvants to Topical Antibiotics to Treat Staphylococcus aureus from Diabetic Foot Ulcer Infections. <i>Antibiotics</i> , <b>2022</b> , 11, 620	4.9	1
210	The impact of synthetic musk compounds in biofilms from drinking water bacteria. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 129185	12.8	1
209	Phytochemicals Against Drug-Resistant Bacterial Biofilms and Use of Green Extraction Solvents to Increase Their Bioactivity. <i>Advances in Experimental Medicine and Biology</i> , <b>2022</b> ,	3.6	
208	Biofilm formation under high shear stress increases resilience to chemical and mechanical challenges. <i>Biofouling</i> , <b>2021</b> , 1-12	3.3	3
207	Chlorinated cyanurates and potassium salt of peroxymonosulphate as antimicrobial and antibiofilm agents for drinking water disinfection.. <i>Science of the Total Environment</i> , <b>2021</b> , 811, 152355	10.2	0
206	The Effects of Chemical and Mechanical Stresses on and Single- and Dual-Species Biofilm Removal. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
205	Bacterial coaggregation in aquatic systems. <i>Water Research</i> , <b>2021</b> , 196, 117037	12.5	7
204	Biofilm control by ionic liquids. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 1340-1346	8.8	5

203	Choline-based ionic liquids for planktonic and biofilm growth control of <i>Bacillus cereus</i> and <i>Pseudomonas fluorescens</i> . <i>Journal of Molecular Liquids</i> , <b>2021</b> , 346, 117077	6	1
202	Prevalence and Impact of Biofilms on Bloodstream and Urinary Tract Infections: A Systematic Review and Meta-Analysis. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	9
201	Biofilms in Diabetic Foot Ulcers: Impact, Risk Factors and Control Strategies. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
200	Overview on the hydrodynamic conditions found in industrial systems and its impact in (bio)fouling formation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 418, 129348	14.7	5
199	<i>Legionella pneumophila</i> . <i>Trends in Microbiology</i> , <b>2021</b> , 29, 860-861	12.4	5
198	LegionellaDB - A Database on Legionella Outbreaks. <i>Trends in Microbiology</i> , <b>2021</b> , 29, 863-866	12.4	3
197	Microalgae-based bioremediation of wastewaters - Influencing parameters and mathematical growth modelling. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 131412	14.7	3
196	2-(2-Methyl-2-nitrovinyl)furan but Not Furvina Interfere with Agr Quorum-Sensing System and Potentiate the Action of Fusidic Acid against Biofilms. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
195	Multitarget protection of <i>Pterospartum tridentatum</i> phenolic-rich extracts against a wide range of free radical species, antidiabetic activity and effects on human colon carcinoma (Caco-2) cells. <i>Journal of Food Science</i> , <b>2020</b> , 85, 4377-4388	3.4	3
194	Surface Wiping Test to Study Biocide -Cinnamaldehyde Combination to Improve Efficiency in Surface Disinfection. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
193	<i>Nannochloropsis oceanica</i> Cultivation in Pilot-Scale Raceway Ponds From Design to Cultivation. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1725	2.6	7
192	The Biofilms Structural Database. <i>Trends in Biotechnology</i> , <b>2020</b> , 38, 937-940	15.1	3
191	The Effects of Eugenol, Trans-Cinnamaldehyde, Citronellol, and Terpineol on Biofilm Control as Assessed by Culture-Dependent and -Independent Methods. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
190	The role of filamentous fungi in drinking water biofilm formation <b>2020</b> , 101-125		1
189	Microalgal and cyanobacterial biofilms <b>2020</b> , 127-156		0
188	Biofilm control with enzymes <b>2020</b> , 249-271		4
187	The potential of phytochemical products in biofilm control <b>2020</b> , 273-293		2
186	The potential of drug repurposing to face bacterial and fungal biofilm infections <b>2020</b> , 307-328		2

185	Comparison of Techniques and Solvents on the Antimicrobial and Antioxidant Potential of Extracts from and. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	15
184	Influence of surface copper content on biofilm control using chlorine and mechanical stress. <i>Biofouling</i> , <b>2020</b> , 36, 1-13	3.3	11
183	Antimicrobial polyphenol-rich extracts: Applications and limitations in the food industry. <i>Food Research International</i> , <b>2020</b> , 134, 109214	7	43
182	Antimicrobial Activity of Essential Oils <b>2020</b> , 335-356		
181	Antimicrobial activity of glycolic acid and glyoxal against <i>Bacillus cereus</i> and <i>Pseudomonas fluorescens</i> . <i>Food Research International</i> , <b>2020</b> , 136, 109346	7	6
180	Quorum sensing in food spoilage and natural-based strategies for its inhibition. <i>Food Research International</i> , <b>2020</b> , 127, 108754	7	33
179	Exploitation of plant extracts and phytochemicals against resistant <i>Salmonella</i> spp. in biofilms. <i>Food Research International</i> , <b>2020</b> , 128, 108806	7	13
178	Emerging contaminants affect the microbiome of water systems strategies for their mitigation. <i>Npj Clean Water</i> , <b>2020</b> , 3,	11.2	26
177	Simple Protocol to Facilitate Students Understanding of the Effects of Enzyme Immobilization on Kinetics of Reaction and Mass Transfer. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 2308-2313	2.4	1
176	NSAIDs as a Drug Repurposing Strategy for Biofilm Control. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	5
175	Copper Surfaces in Biofilm Control. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	6
174	Repurposing ibuprofen to control <i>Staphylococcus aureus</i> biofilms. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 166, 197-205	6.8	27
173	Novel tape-cast SiOC-based porous ceramic electrode materials for potential application in bioelectrochemical systems. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 6471-6487	4.3	8
172	Microalgal assimilation of vitamin B toward the production of a superfood. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12911	3.3	7
171	Advances in the antimicrobial and therapeutic potential of siderophores. <i>Environmental Chemistry Letters</i> , <b>2019</b> , 17, 1485-1494	13.3	15
170	Xanthene Dyes and Green LED for the Inactivation of Foodborne Pathogens in Planktonic and Biofilm States. <i>Photochemistry and Photobiology</i> , <b>2019</b> , 95, 1230-1238	3.6	11
169	Industrial production of <i>Phaeodactylum tricornutum</i> for CO <sub>2</sub> mitigation: biomass productivity and photosynthetic efficiency using photobioreactors of different volumes. <i>Journal of Applied Phycology</i> , <b>2019</b> , 31, 2187-2196	3.2	13
168	The use of selected phytochemicals with EDTA against <i>Escherichia coli</i> and <i>Staphylococcus epidermidis</i> single- and dual-species biofilms. <i>Letters in Applied Microbiology</i> , <b>2019</b> , 68, 313-320	2.9	7

167	Siderophores: A Novel Approach to Fight Antimicrobial Resistance. <i>Environmental Chemistry for A Sustainable World</i> , <b>2019</b> , 99-120	0.8	2
166	Microalgal/cyanobacterial biofilm formation on selected surfaces: the effects of surface physicochemical properties and culture media composition. <i>Journal of Applied Phycology</i> , <b>2019</b> , 31, 375-387	3.2	15
165	Optimization of a single chamber microbial fuel cell using <i>Lactobacillus pentosus</i> : Influence of design and operating parameters. <i>Science of the Total Environment</i> , <b>2019</b> , 648, 263-270	10.2	31
164	Evaluation of cinnamaldehyde and cinnamic acid derivatives in microbial growth control. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 141, 71-78	4.8	18
163	Adhesion of filamentous fungi isolated from drinking water under different process conditions. <i>Water Research</i> , <b>2019</b> , 164, 114951	12.5	16
162	Quorum Sensing Inhibition by Marine Bacteria. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	33
161	Prolonged exposure of <i>Stenotrophomonas maltophilia</i> biofilms to trace levels of clofibric acid alters antimicrobial tolerance and virulence. <i>Chemosphere</i> , <b>2019</b> , 235, 327-335	8.4	10
160	Effect of a Shading Mesh on the Metabolic, Nutritional, and Defense Profiles of Harvested Greenhouse-Grown Organic Tomato Fruits and Leaves Revealed by NMR Metabolomics. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 12972-12985	5.7	9
159	Emulsion Electrospun Fiber Mats of PCL/PVA/Chitosan and Eugenol for Wound Dressing Applications. <i>Advances in Polymer Technology</i> , <b>2019</b> , 2019, 1-11	1.9	17
158	Nutrients, Bioactive Compounds and Bioactivity: The Health Benefits of Sweet Cherries ( <i>Prunus avium</i> L.). <i>Current Nutrition and Food Science</i> , <b>2019</b> , 15, 208-227	0.7	19
157	Fuel-Cell Bioreactors <b>2019</b> , 464-478		
156	The role of surface copper content on biofilm formation by drinking water bacteria.. <i>RSC Advances</i> , <b>2019</b> , 9, 32184-32196	3.7	9
155	Biocide Potentiation Using Cinnamic Phytochemicals and Derivatives. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
154	Virulence, attachment and invasion of Caco-2 cells by multidrug-resistant bacteria isolated from wild animals. <i>Microbial Pathogenesis</i> , <b>2019</b> , 128, 230-235	3.8	2
153	Antimicrobial Activity of Essential Oils <b>2019</b> , 1-22		2
152	Effect of plant-based catecholic molecules on the prevention and eradication of <i>Escherichia coli</i> biofilms: A structure activity relationship study. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 141, 101-113	4.8	12
151	The effects of pharmaceutical and personal care products on the behavior of <i>Burkholderia cepacia</i> isolated from drinking water. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 141, 87-93	4.8	8
150	Integrated combined effects of temperature, pH and sodium chloride concentration on biofilm formation by <i>Salmonella enterica</i> ser. Enteritidis and Typhimurium under low nutrient food-related conditions. <i>Food Research International</i> , <b>2018</b> , 107, 10-18	7	17

149	The action of chemical and mechanical stresses on single and dual species biofilm removal of drinking water bacteria. <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 987-993	10.2	20
148	Biofilm formation and multidrug-resistant <i>Aeromonas</i> spp. from wild animals. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 12, 227-234	3.4	23
147	Standardized reactors for the study of medical biofilms: a review of the principles and latest modifications. <i>Critical Reviews in Biotechnology</i> , <b>2018</b> , 38, 657-670	9.4	28
146	Biocides <b>2018</b> , 478-478		6
145	The effects of emerging environmental contaminants on <i>Stenotrophomonas maltophilia</i> isolated from drinking water in planktonic and sessile states. <i>Science of the Total Environment</i> , <b>2018</b> , 643, 1348-1356	10.2	39
144	Cobalt Complex with Thiazole-Based Ligand as New Quorum Quencher, Biofilm Inhibitor and Virulence Attenuator. <i>Molecules</i> , <b>2018</b> , 23,	4.8	7
143	Toxins and Their Molecular Activity in Infectious Diseases. <i>Toxins</i> , <b>2018</b> , 10,	4.9	151
142	Cytotoxicity and antimicrobial action of selected phytochemicals against planktonic and sessile. <i>PeerJ</i> , <b>2018</b> , 6, e4872	3.1	8
141	Biofilms and antibiotic susceptibility of multidrug-resistant bacteria from wild animals. <i>PeerJ</i> , <b>2018</b> , 6, e4974	3.1	11
140	Increasing tetracycline concentrations on the performance and communities of mixed microalgae-bacteria photo-bioreactors. <i>Algal Research</i> , <b>2018</b> , 29, 249-256	5	28
139	Antimicrobial susceptibility and sessile behaviour of bacteria isolated from a minimally processed vegetables plant. <i>Biofouling</i> , <b>2018</b> , 34, 1150-1160	3.3	2
138	<i>Pseudomonas fluorescens</i> tolerance to benzyldimethyldodecyl ammonium chloride: Altered phenotype and cross-resistance. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 15, 188-195	3.4	6
137	Photodynamic inactivation as an emergent strategy against foodborne pathogenic bacteria in planktonic and sessile states. <i>Critical Reviews in Microbiology</i> , <b>2018</b> , 44, 667-684	7.8	33
136	Antimicrobial Photodynamic Inactivation Mediated by Rose Bengal and Erythrosine Is Effective in the Control of Food-Related Bacteria in Planktonic and Biofilm States. <i>Molecules</i> , <b>2018</b> , 23,	4.8	26
135	Furvina inhibits the 3-oxo-C12-HSL-based quorum sensing system of <i>Pseudomonas aeruginosa</i> and QS-dependent phenotypes. <i>Biofouling</i> , <b>2017</b> , 33, 156-168	3.3	20
134	Combination of selected enzymes with cetyltrimethylammonium bromide in biofilm inactivation, removal and regrowth. <i>Food Research International</i> , <b>2017</b> , 95, 101-107	7	16
133	Prevention, removal and inactivation of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> biofilms using selected monoterpenes of essential oils. <i>Journal of Applied Microbiology</i> , <b>2017</b> , 123, 104-115	4.7	24
132	Metabolic engineering of <i>Escherichia coli</i> for higher alcohols production: An environmentally friendly alternative to fossil fuels. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 77, 580-589	16.2	15

131	Looking to nature for a new concept in antimicrobial treatments: isoflavonoids from <i>Cytisus striatus</i> as antibiotic adjuvants against MRSA. <i>Scientific Reports</i> , <b>2017</b> , 7, 3777	4.9	41
130	Characterization of the heterotrophic bacteria from a minimally processed vegetables plant. <i>LWT - Food Science and Technology</i> , <b>2017</b> , 85, 293-300	5.4	18
129	Sanitation of equipment <b>2017</b> , 167-195		2
128	Comparative stability and efficacy of selected chlorine-based biocides against <i>Escherichia coli</i> in planktonic and biofilm states. <i>Food Research International</i> , <b>2017</b> , 102, 511-518	7	18
127	Mass balance analysis of carbon and nitrogen in industrial scale mixotrophic microalgae cultures. <i>Algal Research</i> , <b>2017</b> , 21, 35-41	5	24
126	A review on the use of microalgal consortia for wastewater treatment. <i>Algal Research</i> , <b>2017</b> , 24, 403-415		328
125	Critical review on biofilm methods. <i>Critical Reviews in Microbiology</i> , <b>2017</b> , 43, 313-351	7.8	454
124	Antimicrobial resistance of biofilms in medical devices <b>2017</b> , 97-113		2
123	Biotechnological potential of <i>Synechocystis salina</i> co-cultures with selected microalgae and cyanobacteria: Nutrients removal, biomass and lipid production. <i>Bioresource Technology</i> , <b>2016</b> , 200, 279-286	11	56
122	Phytochemical profiling as a solution to palliate disinfectant limitations. <i>Biofouling</i> , <b>2016</b> , 32, 1007-16	3.3	21
121	Combinatorial approaches with selected phytochemicals to increase antibiotic efficacy against <i>Staphylococcus aureus</i> biofilms. <i>Biofouling</i> , <b>2016</b> , 32, 1103-14	3.3	24
120	Co-cultivation of <i>Synechocystis salina</i> and <i>Pseudokirchneriella subcapitata</i> under varying phosphorus concentrations evidences an allelopathic competition scenario. <i>RSC Advances</i> , <b>2016</b> , 6, 56091-56100	1.7	100
119	The current knowledge on the application of anti-biofilm enzymes in the food industry. <i>Food Research International</i> , <b>2016</b> , 86, 140-146	7	64
118	The effect of increasing CO <sub>2</sub> concentrations on its capture, biomass production and wastewater bioremediation by microalgae and cyanobacteria. <i>Algal Research</i> , <b>2016</b> , 14, 127-136	5	89
117	Alternative disinfection methods to chlorine for use in the fresh-cut industry. <i>Food Research International</i> , <b>2016</b> , 82, 71-85	7	183
116	A fluid dynamic gauging device for measuring biofilm thickness on cylindrical surfaces. <i>Biochemical Engineering Journal</i> , <b>2016</b> , 106, 48-60	4.2	8
115	Evaluation of SICON <sup>®</sup> surfaces for biofouling mitigation in critical process areas. <i>Food and Bioproducts Processing</i> , <b>2016</b> , 98, 173-180	4.9	7
114	Disinfection with neutral electrolyzed oxidizing water to reduce microbial load and to prevent biofilm regrowth in the processing of fresh-cut vegetables. <i>Food and Bioproducts Processing</i> , <b>2016</b> , 98, 333-340	4.9	16

113	The effects of light and temperature on microalgal growth and nutrient removal: an experimental and mathematical approach. <i>RSC Advances</i> , <b>2016</b> , 6, 22896-22907	3.7	54
112	Evaluation of SICAN performance for biofouling mitigation in the food industry. <i>Food Control</i> , <b>2016</b> , 62, 201-207	6.2	16
111	EFFECTS OF HYDRODYNAMIC STRESS AND FEED RATE ON THE PERFORMANCE OF A MICROBIAL FUEL CELL. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 2497-2504	0.6	2
110	Integration of Microalgae-Based Bioenergy Production into a Petrochemical Complex: Techno-Economic Assessment. <i>Energies</i> , <b>2016</b> , 9, 224	3.1	13
109	New Perspectives on the Use of Phytochemicals as an Emergent Strategy to Control Bacterial Infections Including Biofilms. <i>Molecules</i> , <b>2016</b> , 21,	4.8	120
108	Influence of Flow Velocity on the Characteristics of <i>Pseudomonas fluorescens</i> Biofilms. <i>Journal of Environmental Engineering, ASCE</i> , <b>2016</b> , 142, 04016031	2	29
107	The Effects of Selected Brominated and Chlorinated Chemicals on <i>Pseudomonas fluorescens</i> Planktonic Cells and Flow-Generated Biofilms. <i>Journal of Food Processing and Preservation</i> , <b>2016</b> , 40, 316-328	2.1	7
106	Wastewater polishing by consortia of <i>Chlorella vulgaris</i> and activated sludge native bacteria. <i>Journal of Cleaner Production</i> , <b>2016</b> , 133, 348-357	10.3	35
105	Comparison of the efficacy of natural-based and synthetic biocides to disinfect silicone and stainless steel surfaces. <i>Pathogens and Disease</i> , <b>2016</b> , 74, ftw014	4.2	13
104	The effects of sodium hypochlorite against selected drinking water-isolated bacteria in planktonic and sessile states. <i>Science of the Total Environment</i> , <b>2016</b> , 565, 40-48	10.2	37
103	Antibiotic adjuvants from <i>Buxus sempervirens</i> to promote effective treatment of drug-resistant <i>Staphylococcus aureus</i> biofilms. <i>RSC Advances</i> , <b>2016</b> , 6, 95000-95009	3.7	8
102	Efficacy of antimicrobial combinations to reduce the use of sodium hypochlorite in the control of planktonic and sessile <i>Escherichia coli</i> . <i>Biochemical Engineering Journal</i> , <b>2015</b> , 104, 115-122	4.2	15
101	Fine-tuning of the hydrophobicity of caffeic acid: studies on the antimicrobial activity against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>RSC Advances</i> , <b>2015</b> , 5, 53915-53925	3.7	35
100	Exploring the Antibiotic Effects in Bacterial Biofilms by Epifluorescence and Scanning Electron Microscopy. <i>Springer Proceedings in Physics</i> , <b>2015</b> , 241-248	0.2	
99	<i>Escherichia coli</i> adhesion, biofilm development and antibiotic susceptibility on biomedical materials. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 1414-23	5.4	53
98	The combined effects of shear stress and mass transfer on the balance between biofilm and suspended cell dynamics. <i>Desalination and Water Treatment</i> , <b>2015</b> , 53, 3348-3354		14
97	Harvesting techniques applied to microalgae: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 41, 1489-1500	16.2	549
96	<i>Escherichia coli</i> adhesion to surfaces: thermodynamic assessment. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 177-185	2.4	10



95	Intra- and inter-species interactions within biofilms of important foodborne bacterial pathogens. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 841	5.7	162
94	Antibacterial Effects and Mode of Action of Selected Essential Oils Components against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 795435	2.3	128
93	Combinatorial Activity of Flavonoids with Antibiotics Against Drug-Resistant <i>Staphylococcus aureus</i> . <i>Microbial Drug Resistance</i> , <b>2015</b> , 21, 600-9	2.9	19
92	Effect of operating and design parameters on the performance of a microbial fuel cell with <i>Lactobacillus pentosus</i> . <i>Biochemical Engineering Journal</i> , <b>2015</b> , 104, 34-40	4.2	24
91	The impact of material properties, nutrient load and shear stress on biofouling in food industries. <i>Food and Bioproducts Processing</i> , <b>2015</b> , 95, 228-236	4.9	24
90	Antibacterial activity and mode of action of selected glucosinolate hydrolysis products against bacterial pathogens. <i>Journal of Food Science and Technology</i> , <b>2015</b> , 52, 4737-48	3.3	56
89	Surface physicochemical properties of selected single and mixed cultures of microalgae and cyanobacteria and their relationship with sedimentation kinetics. <i>Bioresources and Bioprocessing</i> , <b>2015</b> , 2,	5.2	19
88	Kinetics of biofilm formation by drinking water isolated <i>Penicillium expansum</i> . <i>Biofouling</i> , <b>2015</b> , 31, 349-62	5.3	13
87	The effect of shear stress on the formation and removal of <i>Bacillus cereus</i> biofilms. <i>Food and Bioproducts Processing</i> , <b>2015</b> , 93, 242-248	4.9	44
86	The effects of surface type on the removal of <i>Bacillus cereus</i> and <i>Pseudomonas fluorescens</i> single and dual species biofilms. <i>Food and Bioproducts Processing</i> , <b>2015</b> , 93, 234-241	4.9	22
85	ADSORPTION OF PARAQUAT DICHLORIDE TO KAOLIN PARTICLES AND TO MIXTURES OF KAOLIN AND HEMATITE PARTICLES IN AQUEOUS SUSPENSIONS. <i>Journal of Water Security</i> , <b>2015</b> , 1, 25-36	0.5	3
84	Insights on antimicrobial resistance, biofilms and the use of phytochemicals as new antimicrobial agents. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 2590-614	4.3	71
83	Methods to study microbial adhesion on abiotic surfaces. <i>AIMS Bioengineering</i> , <b>2015</b> , 2, 297-309	3.4	7
82	Evaluation of the best method to assess antibiotic potentiation by phytochemicals against <i>Staphylococcus aureus</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2014</b> , 79, 125-34	2.9	15
81	The ability of an antimicrobial agent to penetrate a biofilm is not correlated with its killing or removal efficiency. <i>Biofouling</i> , <b>2014</b> , 30, 675-83	3.3	27
80	What should be considered in the treatment of bacterial infections by multi-drug therapies: a mathematical perspective?. <i>Drug Resistance Updates</i> , <b>2014</b> , 17, 51-63	23.2	0
79	The effect of light supply on microalgal growth, CO <sub>2</sub> uptake and nutrient removal from wastewater. <i>Energy Conversion and Management</i> , <b>2014</b> , 85, 530-536	10.6	78
78	The effects of surface properties on <i>Escherichia coli</i> adhesion are modulated by shear stress. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 123, 1-7	6	35

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