

Current and Recent Advanced Strategies for Combating

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Rosa canina L. – new possibilities for an old medicinal herb. <i>Food and Function</i> , 2015, 6, 3687-3692.	2.1	20
2	Rotation Disk Process to Assess the Influence of Metals and Voltage on the Growth of Biofilm. <i>Materials</i> , 2016, 9, 568.	1.3	4
3	Comparison of methods for quantitating <i>Salmonella enterica</i> Typhimurium and Heidelberg strain attachment to reusable plastic shipping container coupons and preliminary assessment of sanitizer efficacy. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 602-608.	0.7	6
4	Bacterial biofilms in food processing environments: a review of recent developments in chemical and biological control. <i>International Journal of Food Science and Technology</i> , 2016, 51, 1731-1743.	1.3	45
5	Antimicrobial and antibiofilm activity of <i>Baccharis psiadioides</i> essential oil against antibiotic-resistant <i>Enterococcus faecalis</i> strains. <i>Pharmaceutical Biology</i> , 2016, 54, 3272-3279.	1.3	32
6	Potential applications of nonthermal plasmas against biofilm-associated micro-organisms <i>in vitro</i> . <i>Journal of Applied Microbiology</i> , 2017, 122, 1134-1148.	1.4	51
7	Combination of selected enzymes with cetyltrimethylammonium bromide in biofilm inactivation, removal and regrowth. <i>Food Research International</i> , 2017, 95, 101-107.	2.9	30
8	Novel properties of <i>Hippophae rhamnoides</i> L. twig and leaf extracts - anti-virulence action and synergy with antifungals studied <i>in vitro</i> on <i>Candida</i> spp. model. <i>Microbial Pathogenesis</i> , 2017, 107, 372-379.	1.3	26
9	Efficacy of cleaning methods for the removal of <i>Bacillus cereus</i> biofilm from polyurethane conveyor belts in bakeries. <i>Food Control</i> , 2017, 80, 267-272.	2.8	29
10	Efficacy of a Sonicating Swab for Removal and Capture of <i>Listeria monocytogenes</i> in Biofilms on Stainless Steel. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	18
11	Bending energy penalty enhances the adhesive strength of functional amyloid curli to surfaces. <i>Nanotechnology</i> , 2017, 28, 464002.	1.3	12
12	Suppression of development of vancomycin-resistant <i>Staphylococcus epidermidis</i> by low-molecular-weight cationic peptides of the lantibiotic family. <i>Microbiology</i> , 2017, 86, 571-582.	0.5	4
13	Disruption of <i>Staphylococcus aureus</i> biofilms using rhamnolipid biosurfactants. <i>Journal of Dairy Science</i> , 2017, 100, 7864-7873.	1.4	66
14	Shiga toxin Producing <i>Escherichia coli</i> : Pathogenicity, Supershedding, Diagnostic Methods, Occurrence, and Foodborne Outbreaks. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2017, 16, 1269-1280.	5.9	47
15	Antioxidant properties, antimicrobial and anti-adhesive activities of DCS1 lipopeptides from <i>Bacillus methylotrophicus</i> DCS1. <i>BMC Microbiology</i> , 2017, 17, 144.	1.3	73
16	Iron oxide nano-material: physicochemical traits and <i>in vitro</i> antibacterial propensity against multidrug resistant bacteria. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 121-130.	2.9	43
17	Coating polypropylene surfaces with protease weakens the adhesion and increases the dispersion of <i>Candida albicans</i> cells. <i>Biotechnology Letters</i> , 2017, 39, 423-428.	1.1	15
18	Optimization of the Silver Nanoparticles PEALD Process on the Surface of 1-D Titania Coatings. <i>Nanomaterials</i> , 2017, 7, 193.	1.9	26

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19	Anti-bacterial and Anti-biofilm Evaluation of Thiazolopyrimidinone Derivatives Targeting the Histidine Kinase YycG Protein of <i>Staphylococcus epidermidis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 549.	1.5	14
20	Effect of EDTA on biofilm formation and antibiotic susceptibility of multidrug resistant uropathogenic <i>Escherichia coli</i> clinical isolates in Egypt. <i>African Journal of Microbiology Research</i> , 2017, 11, 1445-1458.	0.4	4
21	Evaluation of biofilm formation ability in different <i>Candida</i> strains and anti-biofilm effects of Fe ₃ O ₄ -NPs compared with Fluconazole: an in vitro study. <i>Journal De Mycologie Medicale</i> , 2018, 28, 23-28.	0.7	32
22	Application of Rotating Magnetic Fields Increase the Activity of Antimicrobials Against Wound Biofilm Pathogens. <i>Scientific Reports</i> , 2018, 8, 167.	1.6	24
23	Combination of essential oil and ciprofloxacin to inhibit/eradicate biofilms in multidrug-resistant <i>Klebsiella pneumoniae</i> . <i>Journal of Applied Microbiology</i> , 2018, 125, 84-95.	1.4	58
24	Bacterial Inactivation by Using Plastic Materials Activated with Combinations of Natural Antimicrobials. <i>Coatings</i> , 2018, 8, 460.	1.2	2
25	Insights into Bacterial Milk Spoilage with Particular Emphasis on the Roles of Heat-Stable Enzymes, Biofilms, and Quorum Sensing. <i>Journal of Food Protection</i> , 2018, 81, 1651-1660.	0.8	36
26	Biocompatibility and photo-induced antibacterial activity of lignin-stabilized noble metal nanoparticles. <i>RSC Advances</i> , 2018, 8, 40454-40463.	1.7	46
27	In Vitro Evaluation of Antimicrobial Activity and Cytotoxicity of Different Nanobiotics Targeting Multidrug Resistant and Biofilm Forming <i>Staphylococci</i> . <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	30
28	Characterization of Biofilms Formed by Foodborne Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3004.	1.5	27
29	Hydroxylamine Derivatives as a New Paradigm in the Search of Antibacterial Agents. <i>ACS Omega</i> , 2018, 3, 17057-17069.	1.6	10
30	Advances and Future Prospects of Enzyme-Based Biofilm Prevention Approaches in the Food Industry. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018, 17, 1484-1502.	5.9	96
31	Inhibitory Effect of 2R,3R-Dihydromyricetin on Biofilm Formation by <i>Staphylococcus aureus</i> . <i>Foodborne Pathogens and Disease</i> , 2018, 15, 475-480.	0.8	9
32	Modulation of microbial quorum sensing. , 2018, , 523-563.		1
33	Electrospun Antimicrobial Wound Dressings: Novel Strategies to Fight Against Wound Infections. Recent Clinical Techniques, Results, and Research in Wounds, 2018, , 213-253.	0.1	4
34	Marine Biofilms: A Successful Microbial Strategy With Economic Implications. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	214
35	Phenolic and Nonpolar Fractions of <i>Elaeagnus rhamnoides</i> (L.) A. Nelson Extracts as Virulence Modulators In Vitro Study on Bacteria, Fungi, and Epithelial Cells. <i>Molecules</i> , 2018, 23, 1498.	1.7	19
36	Recent progress in bio-inspired biofilm-resistant polymeric surfaces. <i>Critical Reviews in Microbiology</i> , 2018, 44, 633-652.	2.7	24

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37	The antimicrobial and antiadhesion activities of micellar solutions of surfactin, CTAB and CPCI with terpinen-4-ol: applications to control oral pathogens. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 86.	1.7	32
38	Essential oils from unexplored aromatic plants quench biofilm formation and virulence of Methicillin resistant <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2018, 122, 162-173.	1.3	52
39	Testing Anti-Biofilm Polymeric Surfaces: Where to Start?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3794.	1.8	44
40	Bio-enzymes for inhibition and elimination of <i>Escherichia coli</i> O157:H7 biofilm and their synergistic effect with sodium hypochlorite. <i>Scientific Reports</i> , 2019, 9, 9920.	1.6	44
41	Effects of mandarin (<i>Citrus reticulata</i>) peel essential oil as a natural antibiofilm agent against <i>Aspergillus niger</i> in onion bulbs. <i>Postharvest Biology and Technology</i> , 2019, 156, 110959.	2.9	20
42	Biofilms: The Microbial "Protective Clothing" in Extreme Environments. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3423.	1.8	482
43	Optimal environmental and culture conditions allow the in vitro coexistence of <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> in stable biofilms. <i>Scientific Reports</i> , 2019, 9, 16284.	1.6	63
44	An overview on anti-biofilm properties of quercetin against bacterial pathogens. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 143.	1.7	57
45	Advanced strategies for combating bacterial biofilms. <i>Journal of Cellular Physiology</i> , 2019, 234, 14689-14708.	2.0	90
46	2,5-Dimethyl-4-hydroxy-3(2H)-furanone as an Anti-biofilm Agent Against Non- <i>Candida albicans</i> <i>Candida</i> Species. <i>Mycopathologia</i> , 2019, 184, 403-411.	1.3	14
47	Evaluation of biological and enzymatic quorum quencher coating additives to reduce biocorrosion of steel. <i>PLoS ONE</i> , 2019, 14, e0217059.	1.1	20
48	Biobased Sanitizer Delivery System for Improved Sanitation of Bacterial and Fungal Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17204-17214.	4.0	22
49	Biofouling of stainless steel surfaces by four common pathogens: the effects of glucose concentration, temperature and surface roughness. <i>Biofouling</i> , 2019, 35, 273-283.	0.8	22
50	Electrospun essential oil-polycaprolactone nanofibers as antibiofilm surfaces against clinical <i>Candida tropicalis</i> isolates. <i>Biotechnology Letters</i> , 2019, 41, 511-522.	1.1	17
51	Anti-biofilm, nitric oxide inhibition and wound healing potential of purpurin-18 phytol ester isolated from <i>Clinacanthus nutans</i> leaves. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108724.	2.5	13
52	A series of MOF/Ce-based nanozymes with dual enzyme-like activity disrupting biofilms and hindering recolonization of bacteria. <i>Biomaterials</i> , 2019, 208, 21-31.	5.7	208
53	Biologic Treatment of Corrosion. , 2019, , 101-144.		2
54	The Search for Natural Inhibitors of Biofilm Formation and the Activity of the Autoinductor C6-AHL in <i>Klebsiella pneumoniae</i> ATCC 13884. <i>Biomolecules</i> , 2019, 9, 49.	1.8	17

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55	Shockwave Therapy Efficiently Cures Multispecies Chronic Periodontitis in a Humanized Rat Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 382.	2.0	10
56	Biofilm inhibiting activity of betacyanins from red pitahaya (<i>Hylocereus polyrhizus</i>) and red spinach (<i>Amaranthus dubius</i>) against <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> biofilms. <i>Journal of Applied Microbiology</i> , 2019, 126, 68-78.	1.4	14
57	Antibiofilm Enzymes as an Emerging Technology for Food Quality and Safety. , 2019, , 321-342.		12
58	Quorum quenching: role of nanoparticles as signal jammers in Gram-negative bacteria. <i>Future Microbiology</i> , 2019, 14, 61-72.	1.0	37
59	Sulfur-Functionalized Fullerene Nanoparticle as an Inhibitor and Eliminator Agent on <i>Pseudomonas aeruginosa</i> Biofilm and Expression of <i>toxA</i> Gene. <i>Microbial Drug Resistance</i> , 2019, 25, 594-602.	0.9	11
60	Evaluation of brewer's spent grain hydrolysate as a substrate for production of thermostable α -amylase by <i>Bacillus stearothermophilus</i> . <i>Bioresource Technology Reports</i> , 2019, 5, 141-149.	1.5	6
61	Characterization of the bacteriocin produced by <i>Enterococcus italicus</i> ONU547 isolated from Thai fermented cabbage. <i>Folia Microbiologica</i> , 2019, 64, 535-545.	1.1	9
62	Prospects of Essential Oils in Controlling Pathogenic Biofilm. , 2019, , 203-236.		17
63	<i>Canavalia ensiformis</i> -derived lectin inhibits biofilm formation of enterohemorrhagic <i>Escherichia coli</i> and <i>Listeria monocytogenes</i> . <i>Journal of Applied Microbiology</i> , 2019, 126, 300-310.	1.4	12
64	Antifungal and biofilm inhibitory effect of <i>Cymbopogon citratus</i> (lemongrass) essential oil on biofilm forming by <i>Candida tropicalis</i> isolates; an in vitro study. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112188.	2.0	46
65	Antibacterial and antibiofilm activity of coenzyme Q0 against <i>Vibrio parahaemolyticus</i> . <i>Food Control</i> , 2020, 109, 106955.	2.8	35
66	GC-MS-FID characterization and antibacterial activity of the <i>Mikania cordifolia</i> essential oil and limonene against MDR strains. <i>Food and Chemical Toxicology</i> , 2020, 136, 111023.	1.8	21
67	The probiotic, <i>Leuconostoc mesenteroides</i> , inhibits <i>Listeria monocytogenes</i> biofilm formation. <i>Journal of Food Safety</i> , 2020, 40, e12750.	1.1	22
68	Exploitation of plant extracts and phytochemicals against resistant <i>Salmonella</i> spp. in biofilms. <i>Food Research International</i> , 2020, 128, 108806.	2.9	36
69	Current trends and future prospects of chemical management of oral biofilms. <i>Journal of Oral Biology and Craniofacial Research</i> , 2020, 10, 660-664.	0.8	4
70	Combinational Effect of Essential Oil Compounds and Antimicrobial Drugs on <i>Candida albicans</i> and <i>Staphylococcus aureus</i> Mixed Biofilms. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2020, 23, 697-709.	0.7	2
71	Design, Synthesis and Biological Evaluation of Biphenylglyoxamide-Based Small Molecular Antimicrobial Peptide Mimics as Antibacterial Agents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6789.	1.8	10
72	The Role of Bacterial Biofilm in Antibiotic Resistance and Food Contamination. <i>International Journal of Microbiology</i> , 2020, 2020, 1-10.	0.9	154

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73	Synergistic anti-biofilm effects of Brassicaceae plant extracts in combination with proteinase K against <i>Escherichia coli</i> O157:H7. <i>Scientific Reports</i> , 2020, 10, 21090.	1.6	14
74	Antibiofilm activity of flavonoids on staphylococcal biofilms through targeting BAP amyloids. <i>Scientific Reports</i> , 2020, 10, 18968.	1.6	29
75	Innovative Strategies for the Control of Biofilm Formation in Clinical Settings. , 0, , .		4
76	Combination of non-thermal plasma and subsequent antibiotic treatment for biofilm re-development prevention. <i>Folia Microbiologica</i> , 2020, 65, 863-869.	1.1	7
77	GC-MS Profile and Enhancement of Antibiotic Activity by the Essential Oil of <i>Ocotea odorifera</i> and <i>Safrole</i> : Inhibition of <i>Staphylococcus aureus</i> Efflux Pumps. <i>Antibiotics</i> , 2020, 9, 247.	1.5	28
78	High rates of antibiotic resistance and biofilm production in <i>Escherichia coli</i> isolates from food products of animal and vegetable origins in Tunisia: a real threat to human health. <i>International Journal of Environmental Health Research</i> , 2022, 32, 406-416.	1.3	6
79	Potential implications of the use of <i>Rapanea melanophloeos</i> (L.) Mez against mycobacteria. <i>South African Journal of Botany</i> , 2020, 132, 388-394.	1.2	1
80	Biosurfactant-based bioremediation. , 2020, , 333-358.		8
81	Beyond Risk: Bacterial Biofilms and Their Regulating Approaches. <i>Frontiers in Microbiology</i> , 2020, 11, 928.	1.5	372
82	Feasibility of cold plasma for the control of biofilms in food industry. <i>Trends in Food Science and Technology</i> , 2020, 99, 142-151.	7.8	73
83	Photoinactivation of biofilms. , 2020, , 295-306.		0
84	Biofilm Formation of the Facultative Thermophile <i>Bacillus pumilus</i> D194A and Affects of Sanitation Agents on Its Biofilms. <i>Microbiology</i> , 2020, 89, 64-73.	0.5	5
85	Antimicrobial effect of oxidative technologies in food processing: an overview. <i>European Food Research and Technology</i> , 2020, 246, 669-692.	1.6	16
86	Fluorinated vs. Zwitterionic-Polymer Grafted Surfaces for Adhesion Prevention of the Fungal Pathogen <i>Candida albicans</i> . <i>Polymers</i> , 2020, 12, 398.	2.0	9
87	Evaluation of antimicrobial properties of bovine lactoferrin against foodborne pathogenic microorganisms in planktonic and biofilm forms (in vitro). <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2020, 15, 277-283.	0.5	11
88	Free radical-releasing systems for targeting biofilms. <i>Journal of Controlled Release</i> , 2020, 322, 248-273.	4.8	17
89	Graphene oxide/silver nanostructure as a green anti-biofouling composite toward controlling the microbial corrosion. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 195-210.	1.8	6
90	Cellulose membrane modified with LED209 as an antibacterial and anti-adhesion material. <i>Carbohydrate Polymers</i> , 2021, 252, 117138.	5.1	10

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91	Natural bacterial isolates as an inexhaustible source of new bacteriocins. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 477-492.	1.7	28
92	Photoactive antimicrobial coating based on a PEDOT-fullerene C ₆₀ polymeric dyad. <i>RSC Advances</i> , 2021, 11, 23519-23532.	1.7	20
93	A review of bacterial biofilm control by physical strategies. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3453-3470.	5.4	20
94	Microbiologically-Synthesized Nanoparticles and Their Role in Silencing the Biofilm Signaling Cascade. <i>Frontiers in Microbiology</i> , 2021, 12, 636588.	1.5	117
95	Investigating natural antibiofilm components: a new therapeutic perspective against candidal vulvovaginitis. <i>Medical Hypotheses</i> , 2021, 148, 110515.	0.8	11
96	Approaches for Mitigating Microbial Biofilm-Related Drug Resistance: A Focus on Micro- and Nanotechnologies. <i>Molecules</i> , 2021, 26, 1870.	1.7	21
98	Reduced Biofilm Formation at the Air-Liquid-Solid Interface via Introduction of Surfactants. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 3923-3934.	2.6	9
99	Bacterial Biofilm Inhibition: A Focused Review on Recent Therapeutic Strategies for Combating the Biofilm Mediated Infections. <i>Frontiers in Microbiology</i> , 2021, 12, 676458.	1.5	143
100	Corrosion behaviour of X60 steel in the presence of sulphate-reducing bacteria (SRB) and iron-reducing bacteria (IRB) in seawater. <i>Corrosion Engineering Science and Technology</i> , 2021, 56, 543-552.	0.7	11
101	Wetting/spreading on porous media and on deformable, soluble structured substrates as a model system for studying the effect of morphology on biofilms wetting and for assessing anti-biofilm methods. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 53, 101426.	3.4	11
102	Polyphenylglyoxamide-Based Amphiphilic Small Molecular Peptidomimetics as Antibacterial Agents with Anti-Biofilm Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7344.	1.8	6
103	Incorporation of Antimicrobial Bio-Based Carriers onto Poly(vinyl alcohol-co-ethylene) Surface for Enhanced Antimicrobial Activity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36275-36285.	4.0	14
104	Biofilm Formation and Phenotypic Detection of ESBL, MBL, KPC and AmpC Enzymes and Their Coexistence in <i>Klebsiella</i> spp. Isolated at the National Reference Laboratory, Kathmandu, Nepal. <i>Microbiology Research</i> , 2021, 12, 683-697.	0.8	15
105	Magnetic combi CLEA for inhibition of bacterial biofilm: A green approach. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 780-787.	3.6	9
106	Microbial biofilm: formation, architecture, antibiotic resistance, and control strategies. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1701-1718.	0.8	97
107	Biofilms in plant-based fermented foods: Formation mechanisms, benefits and drawbacks on quality and safety, and functionalization strategies. <i>Trends in Food Science and Technology</i> , 2021, 116, 940-953.	7.8	15
108	Periodic chemical cleaning with urea: disintegration of biofilms and reduction of key biofilm-forming bacteria from reverse osmosis membranes. <i>Water Research X</i> , 2021, 13, 100117.	2.8	8
109	Recent advances in anti-adhesion mechanism of natural antimicrobial agents on fresh produce. <i>Current Opinion in Food Science</i> , 2021, 42, 8-14.	4.1	14

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110	Nanomaterials to Overcome Emergence and Re-Emergence of Superbugs. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 227-268.	0.1	0
112	Antimicrobial Nanotechnology in Preventing the Transmission of Infectious Disease. <i>Nanotechnology in the Life Sciences</i> , 2020, , 75-88.	0.4	1
113	Role of Medicinal Plants and Endophytic Bacteria of Medicinal Plants in Inhibition of Biofilm Formation: Interference in Quorum Sensing. , 2019, , 177-188.		2
114	Current and future perspectives for controlling <i>Vibrio</i> biofilms in the seafood industry: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1827-1851.	5.4	36
115	Salmonella infection – prevention and treatment by antibiotics and probiotic yeasts: a review. <i>Microbiology (United Kingdom)</i> , 2018, 164, 1327-1344.	0.7	113
116	Direct measurement of interaction forces between bovine serum albumin and poly(ethylene oxide) in water and electrolyte solutions. <i>PLoS ONE</i> , 2017, 12, e0173910.	1.1	7
117	Extreme environment: Biofilms and microbial diversity. <i>Malaysian Journal of Microbiology</i> , 2018, , .	0.1	1
118	Multiple Roles of Biosurfactants in Biofilms. <i>Current Pharmaceutical Design</i> , 2016, 22, 1429-1448.	0.9	56
119	<i>Syngonanthus nitens</i> (Bong.) Ruhland Derivatives Loaded into a Lipid Nanoemulsion for Enhanced Antifungal Activity Against <i>Candida parapsilosis</i> . <i>Current Pharmaceutical Design</i> , 2020, 26, 1556-1565.	0.9	12
120	An effective method for preparation of high purity oligohexamethylene guanidine salts. <i>Fine Chemical Technologies</i> , 2020, 15, 31-38.	0.1	4
121	Promising strategies to control persistent enemies: Some new technologies to combat biofilm in the food industry – A review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 5938-5964.	5.9	25
122	Quorum Quenching Enzymes and Biofouling Control. <i>Journal of Life Science</i> , 2016, 26, 1487-1497.	0.2	0
123	Endotoxin and Microbiological Control. , 2019, , 157-201.		0
124	Microbial biofilms in the human: Diversity and potential significances in health and disease. , 2020, , 89-124.		1
125	Enzyme-based approaches to control microbial biofilms in dairy processing environments: A review. <i>Quality Assurance and Safety of Crops and Foods</i> , 2020, 12, 50-58.	1.8	3
126	Antibiofilm, Antifouling, and Anticorrosive Biomaterials and Nanomaterials for Marine Applications. <i>Nanotechnology in the Life Sciences</i> , 2020, , 233-272.	0.4	3
127	Nanostructures for Antimicrobial and Antibiofilm Photodynamic Therapy. <i>Nanotechnology in the Life Sciences</i> , 2020, , 305-325.	0.4	4
128	Antibiofilm Application of Cold Plasma in Food Safety. , 2022, , 75-111.		1

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129	Combating Drug-Resistant Bacteria Using Photothermally Active Nanomaterials: A Perspective Review. <i>Frontiers in Microbiology</i> , 2021, 12, 747019.	1.5	31
130	Biocidal organic-inorganic urethane-siloxane coating by facile polymerization of single component soy-based prepolymer. <i>Surface and Coatings Technology</i> , 2022, 429, 127925.	2.2	3
131	Enzyme-based control of membrane biofouling for water and wastewater purification: A comprehensive review. <i>Environmental Technology and Innovation</i> , 2022, 25, 102106.	3.0	20
132	Screening of Actinobacterial Extracts for Anti-biofilm Activity. <i>Springer Protocols</i> , 2022, , 483-485.	0.1	0
133	Cadiolide analogues and their precursors as new inhibitors of bacterial quorum sensing and biofilm formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 57, 128498.	1.0	4
134	Pathogens and predators impacting commercial production of microalgae and cyanobacteria. <i>Biotechnology Advances</i> , 2022, 55, 107884.	6.0	38
135	Biofilm Production Potential of <i>Salmonella</i> Serovars Isolated from Chickens in North West Province, South Africa. <i>Polish Journal of Microbiology</i> , 2020, 69, 427-439.	0.6	7
136	Metal Complexes—A Promising Approach to Target Biofilm Associated Infections. <i>Molecules</i> , 2022, 27, 758.	1.7	17
137	Inhibition performances of graphene oxide/silver nanostructure for the microbial corrosion: molecular dynamic simulation study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49884-49897.	2.7	9
138	Synthetic Musk Fragrances in Water Systems and Their Impact on Microbial Communities. <i>Water (Switzerland)</i> , 2022, 14, 692.	1.2	7
139	Evaluation of Virulence Factors, Antibiotic Resistance, and Biofilm Formation of <i>Escherichia coli</i> Isolated from Milk and Dairy Products in Isfahan, Iran. <i>Foods</i> , 2022, 11, 960.	1.9	5
140	<i>In situ</i> continuous electrochemical quantification of bacterial adhesion to electrically polarized metallic surfaces under shear. <i>Biointerphases</i> , 2022, 17, 021001.	0.6	2
141	Development of a food grade sanitizer delivery system with chlorine loaded gelatin microgels for enhanced binding and inactivation of biofilms. <i>Food Research International</i> , 2022, 155, 111026.	2.9	2
142	Screening of Biosurfactant Production by <i>Yarrowia lipolytica</i> Strains and Evaluation of Their Antibiofilm and Anti-Adhesive Activities against <i>Salmonella enterica</i> ser. Enteritidis Biofilms. <i>Microbiology</i> , 2021, 90, 839-847.	0.5	3
143	Single- and Dual-Species Biofilm Formation by Shiga Toxin-Producing <i>Escherichia coli</i> and <i>Salmonella</i> , and Their Susceptibility to an Engineered Peptide WK2. <i>Microorganisms</i> , 2021, 9, 2510.	1.6	3
145	Efficacy of curcumin-mediated antibacterial photodynamic therapy for oral antiseptics: A systematic review and network meta-analysis of randomized clinical trials. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 39, 102876.	1.3	8
146	Organic/polymeric antibiofilm coatings for surface modification of medical devices. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 867-908.	1.8	1
147	Microbially-derived cocktail of carbohydrases as an anti-biofouling agents: a "green approach". <i>Biofouling</i> , 2022, 38, 455-481.	0.8	2

#	ARTICLE	IF	CITATIONS
148	Application of natural products against fungal biofilm formation. , 2022, , 95-130.		0
149	Evaluation of Antibacterial and Antibiofilm Activity of Biogenic Silver Nanoparticles and Gentamicin Against Staphylococcus aureus Isolated from Caprine Mastitis. The Iraqi Journal of Veterinary Medicine, 2022, 46, 10-16.	0.0	0
151	Invitro Study on the Combined Effects of Natural Ingredients and Antimicrobial Drugs as Novel Anti Biofilm Approach. , 0, , 19-24.		0
152	Unraveling usnic acid: a comparison of biosynthetic gene clusters between two reindeer lichen (Cladonia rangiferina and C.Åuncialis). Fungal Biology, 2022, 126, 697-706.	1.1	5
153	Genomic characterization of a novel bacteriophage STP55 revealed its prominent capacity in disrupting the dual-species biofilm formed by Salmonella Typhimurium and Escherichia coli O157: H7 strains. Archives of Microbiology, 2022, 204, .	1.0	9
154	Insights into antibiofilm mechanisms of phytochemicals: Prospects in the food industry. Critical Reviews in Food Science and Nutrition, 2024, 64, 1736-1763.	5.4	8
155	Antibiofilm Effect of Cinnamaldehyde-Chitosan Nanoparticles against the Biofilm of Staphylococcus aureus. Antibiotics, 2022, 11, 1403.	1.5	13
156	Mycogenic nanoparticles and their applications as antimicrobial and antibiofilm agents in postharvest stage. , 2023, , 635-655.		0
157	Pernicious Attitude of Microbial Biofilms in Agri-Farm Industries: Acquisitions and Challenges of Existing Antibiofilm Approaches. Microorganisms, 2022, 10, 2348.	1.6	7
159	Influence of surface properties on the adhesion of bacteria onto different casings. Food Research International, 2023, 164, 112463.	2.9	2
160	Antibiofilm Action of Plant Terpenes in Salmonella Strains: Potential Inhibitors of the Synthesis of Extracellular Polymeric Substances. Pathogens, 2023, 12, 35.	1.2	5
161	Cross-contamination of mature Listeria monocytogenes biofilms from stainless steel surfaces to chicken broth before and after the application of chlorinated alkaline and enzymatic detergents. Food Microbiology, 2023, 112, 104236.	2.1	4
162	Unraveling disparate roles of organisms, from plants to bacteria, and viruses on built cultural heritage. Applied Microbiology and Biotechnology, 2023, 107, 2027-2037.	1.7	6
163	Combinatorial enzyme therapy: A promising neoteric approach for bacterial biofilm disruption. Process Biochemistry, 2023, 129, 56-66.	1.8	7
164	Industrial backgrounds and microbes growth. , 2023, , 141-217.		0
165	The cascade regulation of small RNA and quorum sensing system: Focusing on biofilm formation of foodborne pathogens in food industry. Food Bioscience, 2023, 52, 102472.	2.0	2
166	Beyond the Risk of Biofilms: An Up-and-Coming Battleground of Bacterial Life and Potential Antibiofilm Agents. Life, 2023, 13, 503.	1.1	6
167	Enhancement of Inhibition of the Pseudomonas sp. Biofilm Formation on Bacterial Cellulose-Based Wound Dressing by the Combined Action of Alginate Lyase and Gentamicin. International Journal of Molecular Sciences, 2023, 24, 4740.	1.8	2

#	ARTICLE	IF	CITATIONS
168	Biofilm Formation and Control of Foodborne Pathogenic Bacteria. <i>Molecules</i> , 2023, 28, 2432.	1.7	25
169	Biofilm control strategies in the light of biofilm-forming microorganisms. <i>World Journal of Microbiology and Biotechnology</i> , 2023, 39, .	1.7	5
171	Biofilm formation in food processing plants and novel control strategies to combat resistant biofilms: the case of <i>Salmonella</i> spp.. <i>Food Science and Biotechnology</i> , 2023, 32, 1703-1718.	1.2	1
173	Phytochemicals in biofilm inhibition. , 2023, , 397-412.		0
183	Microbiologically Synthesized Nanoparticles and Their Role in Biofilm Inhibition. <i>Environmental and Microbial Biotechnology</i> , 2023, , 285-315.	0.4	0
184	The use of combination therapy for the improvement of colistin activity against bacterial biofilm. <i>Brazilian Journal of Microbiology</i> , 2024, 55, 411-427.	0.8	0
185	Chemical Formation of Biofilms in Drug Development. , 2023, , 1-29.		0
187	A Review of Challenges and Solutions of Biofilm Formation of <i>Escherichia coli</i> : Conventional and Novel Methods of Prevention and Control. <i>Food and Bioprocess Technology</i> , 0, , .	2.6	0