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Inhibition of biofilm development of uropathogens by curcumin - an anti-quorum sensing agent from *Curcuma longa*

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#	Paper	IF	Citations
275	Quorum quenching agents: resources for antivirulence therapy. 2014 , 12, 3245-82		110
274	Quorum quenching mediated approaches for control of membrane biofouling. 2014 , 10, 550-65		111
273	Combinatorial antimicrobial effect of curcumin with selected phytochemicals on <i>Staphylococcus epidermidis</i> . 2014 , 16, 535-41		34
272	Polyphenolic extract from <i>Rosa rugosa</i> tea inhibits bacterial quorum sensing and biofilm formation. <i>Food Control</i> , 2014 , 42, 125-131	6.2	111
271	Current and Recent Advanced Strategies for Combating Biofilms. 2015 , 14, 491-509		147
270	Colostrum hexasaccharide, a novel <i>Staphylococcus aureus</i> quorum-sensing inhibitor. 2015 , 59, 2169-78		21
269	Curcumin rescues <i>Caenorhabditis elegans</i> from a <i>Burkholderia pseudomallei</i> infection. <i>Frontiers in Microbiology</i> , 2015 , 6, 290	5.7	24
268	Zingerone silences quorum sensing and attenuates virulence of <i>Pseudomonas aeruginosa</i> . 2015 , 102, 84-95		64
267	Antimicrobial activity of prodigiosin isolated from <i>Serratia marcescens</i> UFPEDA 398. 2015 , 31, 399-406		64
266	Local sustained-release delivery systems of the antibiofilm agent thiazolidinedione-8 for prevention of catheter-associated urinary tract infections. 2015 , 485, 164-70		20
265	Allicin from garlic inhibits the biofilm formation and urease activity of <i>Proteus mirabilis</i> in vitro. 2015 , 362,		23
264	Antimicrobial properties of <i>Kalanchoe blossfeldiana</i> : a focus on drug resistance with particular reference to quorum sensing-mediated bacterial biofilm formation. 2015 , 67, 951-62		21
263	Evaluation of Natural Products against Biofilm-Mediated Bacterial Resistance. 2015 , 321-338		3
262	The impact of <i>Thymus vulgaris</i> extractives on cedar wood surface energy: Theoretical and experimental of <i>Penicillium</i> spores adhesion. 2015 , 77, 1020-1027		13
261	The quorum-sensing inhibiting effects of stilbenoids and their potential structure-activity relationship. 2015 , 25, 5217-20		27
260	Roles of RpoS in <i>Yersinia pseudotuberculosis</i> stress survival, motility, biofilm formation and type VI secretion system expression. 2015 , 53, 633-42		31
259	Honey enhances the anti-quorum sensing activity and anti-biofilm potential of curcumin. <i>RSC Advances</i> , 2015 , 5, 71060-71070	3.7	17

258	Plant Quorum Sensing Inhibitors: Food, Medicinal Plants, and Others. 2015 , 269-281	2
257	Quorum Sensing vs Quorum Quenching: A Battle with No End in Sight. 2015 ,	13
256	Antibacterial synergy of curcumin with antibiotics against biofilm producing clinical bacterial isolates. 2016 , 7, 93-6	53
255	Mini Review of Phytochemicals and Plant Taxa with Activity as Microbial Biofilm and Quorum Sensing Inhibitors. 2015 , 21, E29	56
254	New Perspectives on the Use of Phytochemicals as an Emergent Strategy to Control Bacterial Infections Including Biofilms. 2016 , 21,	120
253	Inhibitory Activity of Tea Polyphenols on Biofilm Development of <i>Shewanella putrefaciens</i> . 2016 , 40, 910-917	4
252	Curcumin from <i>Curcuma longa</i> affects the virulence of <i>Pectobacterium wasabiae</i> and <i>P. carotovorum</i> subsp. <i>carotovorum</i> via quorum sensing regulation. 2016 , 146, 793-806	11
251	In vitro and in vivo antibiofilm potential of 2,4-Di-tert-butylphenol from seaweed surface associated bacterium <i>Bacillus subtilis</i> against group A streptococcus. 2016 , 191, 19-31	32
250	Understanding, preventing and eradicating <i>Klebsiella pneumoniae</i> biofilms. 2016 , 11, 527-38	15
249	Piper betle and its bioactive metabolite phytol mitigates quorum sensing mediated virulence factors and biofilm of nosocomial pathogen <i>Serratia marcescens</i> in vitro. 2016 , 193, 592-603	66
248	Morin inhibits biofilm production and reduces the virulence of <i>Listeria monocytogenes</i> - An in vitro and in vivo approach. 2016 , 237, 73-82	56
247	Plant Natural Products Targeting Bacterial Virulence Factors. 2016 , 116, 9162-236	212
246	<i>Curcuma longa</i> . 2016 , 241-362	2
245	Piper betle leaf extract affects the quorum sensing and hence virulence of <i>Pseudomonas aeruginosa</i> PAO1. 2016 , 6, 18	19
244	Antibacterial activity of curcumin via apoptosis-like response in <i>Escherichia coli</i> . 2016 , 100, 5505-14	68
243	Combination of Silver Nanoparticles and Curcumin Nanoparticles for Enhanced Anti-biofilm Activities. 2016 , 64, 2513-22	107
242	Alpha-bisabolol from brown macroalga <i>Padina gymnospora</i> mitigates biofilm formation and quorum sensing controlled virulence factor production in <i>Serratia marcescens</i> . 2016 , 28, 1987-1996	31
241	Antibacterial Activity of Curcumin Against Periodontopathic Bacteria. 2016 , 87, 83-90	54

240	Bioavailability-enhanced Resveratrol modulates quorum sensing and inhibits biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1. 2017 , 104, 64-71		19
239	Synergistic activity of sub-inhibitory concentrations of curcumin with ceftazidime and ciprofloxacin against <i>Pseudomonas aeruginosa</i> quorum sensing related genes and virulence traits. 2017 , 33, 50		32
238	Phytochemical composition, anti-biofilm and anti-quorum sensing potential of fruit, stem and leaves of <i>Salvadora persica</i> L. methanolic extracts. 2017 , 109, 169-176		39
237	Synthesis and characterization of curcumin loaded PLA-Hyperbranched polyglycerol electrospun blend for wound dressing applications. 2017 , 76, 1196-1204		100
236	Discovery of potent inhibitors targeting <i>Vibrio harveyi</i> LuxR through shape and e-pharmacophore based virtual screening and its biological evaluation. 2017 , 103, 40-56		16
235	Carvacrol-rich oregano oil and thymol-rich thyme red oil inhibit biofilm formation and the virulence of uropathogenic <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , 2017 , 123, 1420-1428	4-7	42
234	Medicinal plant products targeting quorum sensing for combating bacterial infections. 2017 , 10, 729-743		79
233	Curcumin liposomes interfere with quorum sensing system of <i>Aeromonas sobria</i> and in silico analysis. 2017 , 7, 8612		33
232	Potential Role of Curcumin Against Biofilm-Producing Organisms on the Skin: A Review. 2017 , 31, 1807-1816		25
231	Biofilm Instigation of Plant Pathogenic Bacteria and Its Control Measures. 2017 , 409-438		3
230	The use of an antioxidant dressing on hard-to-heal wounds: a multicentre, prospective case series. 2017 , 26, 742-750		10
229	Inhibition of <i>Pseudomonas aeruginosa</i> quorum sensing by subinhibitory concentrations of curcumin with gentamicin and azithromycin. 2017 , 10, 21-28		45
228	Biosynthesis of Glycomonoterpenes to Attenuate Quorum Sensing Associated Virulence in Bacteria. 2017 , 181, 1533-1548		5
227	Phenolic Compounds with Anti-virulence Properties. 2017 ,		10
226	Alternative strategies for the study and treatment of clinical bacterial biofilms. 2017 , 1, 41-53		9
225	Curcumin Quantum Dots Mediated Degradation of Bacterial Biofilms. <i>Frontiers in Microbiology</i> , 2017 , 8, 1517	5-7	49
224	UroPathogenic (UPEC) Infections: Virulence Factors, Bladder Responses, Antibiotic, and Non-antibiotic Antimicrobial Strategies. <i>Frontiers in Microbiology</i> , 2017 , 8, 1566	5-7	209
223	4.21 Engineering Interfaces for Infection Immunity ?. 2017 , 381-403		

222	EFFECT OF GREEN SYNTHESIZED SILVER NANOPARTICLES ON QUORUM SENSING INHIBITION OF UTI PATHOGENS. 2017 , 10, 302		5
221	Assessment of the antibiofilm and anti-quorum sensing activities of Eucalyptus globulus essential oil and its main component 1,8-cineole against methicillin-resistant Staphylococcus aureus strains. 2018 , 118, 74-80		64
220	Photophysical studies on curcumin-sophorolipid nanostructures: applications in quorum quenching and imaging. 2018 , 5, 170865		20
219	Pathogenic Biofilm Formation in the Food Industry and Alternative Control Strategies. 2018 , 309-377		12
218	Attenuation of quorum sensing controlled virulence factors and biofilm formation in Pseudomonas aeruginosa by pentacyclic triterpenes, betulin and betulinic acid. 2018 , 118, 48-60		43
217	Exploring the anti-quorum sensing activity of a d-limonene nanoemulsion for Escherichia coli O157:H7. 2018 , 106, 1979-1986		11
216	Inhibition of quorum sensing-mediated virulence in Serratia marcescens by Bacillus subtilis R-18. 2018 , 120, 166-175		17
215	Biomodification Strategies for the Development of Antimicrobial Urinary Catheters: Overview and Advances. 2018 , 2, 1700068		28
214	Chitosan nanoencapsulation of flavonoids enhances their quorum sensing and biofilm formation inhibitory activities against an E.coli Top 10 biosensor. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 164, 125-133	6	30
213	Inhibition of quorum sensing-controlled virulence factors and biofilm formation in Pseudomonas fluorescens by cinnamaldehyde. 2018 , 269, 98-106		56
212	Hordenine: A Novel Quorum Sensing Inhibitor and Antibiofilm Agent against Pseudomonas aeruginosa. 2018 , 66, 1620-1628		81
211	Involvement of bacterial quorum sensing signals in spoilage potential of Aeromonas veronii bv. veronii isolated from fermented surimi. 2018 , 42, e12487		9
210	Nature to the natural rescue: Silencing microbial chats. 2018 , 280, 86-98		22
209	Attenuation of quorum sensing regulated virulence and biofilm development in Pseudomonas aeruginosa PAO1 by Diaporthe phaseolorum SSP12. 2018 , 118, 177-189		26
208	Antimicrobial and antibiofilm activity of curcumin-silver nanoparticles with improved stability and selective toxicity to bacteria over mammalian cells. 2018 , 207, 39-53		61
207	Inhibition of quorum sensing-dependent biofilm and virulence genes expression in environmental pathogen Serratia marcescens by petroselinic acid. 2018 , 111, 501-515		36
206	Facile biological synthetic strategy to morphologically aligned CeO/ZrO core nanoparticles using Justicia adhatoda extract and ionic liquid: Enhancement of its bio-medical properties. 2018 , 178, 481-488		33
205	Diketopiperazine from marine bacterium Pseudoalteromonas ruthenica KLPp3. 2018 , 91,		2

204	Antagonistic effect of ursolic acid on biofilms. 2018 , 11, 1440-1444	6
203	Quorum Sensing in Bacterial Pathogenesis and Virulence. 2018 , 111-132	1
202	Implication of Quorum Sensing System in Biofilm Formation and Virulence. 2018 ,	1
201	Microbial Biofilm and Quorum Sensing Inhibition: Endowment of Medicinal Plants to Combat Multidrug-Resistant Bacteria. 2018 , 19, 1916-1932	14
200	Low-dose blue light irradiation enhances the antimicrobial activities of curcumin against <i>Propionibacterium acnes</i> . 2018 , 189, 21-28	18
199	Current anti-biofilm strategies and potential of antioxidants in biofilm control. 2018 , 16, 855-864	20
198	Plant-Derived Drug Molecules as Antibacterial Agents. 2018 , 143-171	1
197	Pectin mediated synthesis of curcumin loaded poly(lactic acid) nanocapsules for cancer treatment. 2018 , 48, 66-74	18
196	Antiquorum sensing and biofilm potential of 5- Hydroxymethylfurfural against Gram positive pathogens. 2018 , 125, 48-50	19
195	Quorum Sensing Interference by Natural Products from Medicinal Plants: Significance in Combating Bacterial Infection. 2018 , 417-445	3
194	Developments in strategies for Quorum Sensing virulence factor inhibition to combat bacterial drug resistance. 2018 , 121, 293-302	39
193	Identification of natural product compounds as quorum sensing inhibitors in <i>Pseudomonas fluorescens</i> P07 through virtual screening. 2018 , 26, 4088-4099	19
192	Biofabrication of Zinc Oxide Nanoparticle from <i>Ochradenus baccatus</i> Leaves: Broad-Spectrum Antibiofilm Activity, Protein Binding Studies, and <i>In Vivo</i> Toxicity and Stress Studies. 2018 , 2018, 1-14	27
191	Scope of Pathogenesis-Related Proteins Produced by Plants in Interrupting Quorum Sensing Signaling. 2018 , 371-395	
190	Metal and Metal Oxide Mycogenic Nanoparticles and Their Application As Antimicrobial and Antibiofilm Agents. 2018 , 243-271	
189	Fungal Nanobionics: Principles and Applications. 2018 ,	33
188	Therapeutic Targeting of the Accessory Gene Regulator () System. <i>Frontiers in Microbiology</i> , 2018 , 9, 55 5-7	78
187	Antimicrobial Photodynamic Therapy to Control Clinically Relevant Biofilm Infections. <i>Frontiers in Microbiology</i> , 2018 , 9, 1299	5-7 177

186	Quorum sensing intervened bacterial signaling: Pursuit of its cognizance and repression. 2018 , 16, 239-252		27
185	<i>Aspergillus ochraceopetaliformis</i> SSP13 modulates quorum sensing regulated virulence and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1. 2018 , 34, 410-425		17
184	Quorum Sensing and its Biotechnological Applications. 2018 ,		4
183	Significance and Application of Quorum Sensing in Food Microbiology. 2018 , 193-219		1
182	Virtual Screening and Biomolecular Interactions of CviR-Based Quorum Sensing Inhibitors Against. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 292	5.9	27
181	Quorum Sensing Inhibition and Anti-Biofilm Activity of Traditional Chinese Medicines. 2018 ,		4
180	Inhibition of Quorum-Sensing: A New Paradigm in Controlling Bacterial Virulence and Biofilm Formation. 2018 , 3-21		3
179	Impact of curcumin liposomes with anti-quorum sensing properties against foodborne pathogens <i>Aeromonas hydrophila</i> and <i>Serratia grimesii</i> . 2018 , 122, 137-143		11
178	Bioactive Phytochemicals Targeting Microbial Activities Mediated by Quorum Sensing. 2018 , 397-416		3
177	The potential of South African medicinal plants against microbial biofilm and quorum sensing of foodborne pathogens: A review. 2019 , 126, 214-231		12
176	Curcumin Analogues with Aldose Reductase Inhibitory Activity: Synthesis, Biological Evaluation, and Molecular Docking. 2019 , 7, 417		3
175	Ethnobotany, Phytochemistry and Traditional Uses of <i>Curcuma</i> spp. and Pharmacological Profile of Two Important Species (<i>C. longa</i> and <i>C. zedoaria</i>): A Review. 2019 , 25, 871-935		41
174	Study on Antibacterial and Quorum-Sensing Inhibition Activities of Leaf Essential Oil. 2019 , 24,		20
173	Curcumin Blocks Cytotoxicity of Enteroaggregative and Enteropathogenic by Blocking Pet and EspC Proteolytic Release From Bacterial Outer Membrane. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 334	5.9	8
172	Protective effect of neglected plant <i>Diplocyclos palmatus</i> on quorum sensing mediated infection of <i>Serratia marcescens</i> and UV-A induced photoaging in model <i>Caenorhabditis elegans</i> . 2019 , 201, 111637		25
171	Novel Treatment Strategies for Biofilm-Based Infections. 2019 , 79, 1635-1655		23
170	Preparation of Coaxial Polylactic Acid-Propyl Gallate Electrospun Fibers and the Effect of Their Coating on Salmon Slices during Chilled Storage. 2019 , 11, 6463-6474		11
169	Advanced strategies for combating bacterial biofilms. 2019 , 234, 14689		52

168	Green fabrication of iron oxide nanoparticles using grey mangrove <i>Avicennia marina</i> for antibiofilm activity and in vitro toxicity. 2019 , 15, 70-77		27
167	Effects of a traditional Thai polyherbal medicine <i>Ra-Samarn-Phlae</i> as a natural anti-biofilm agent against <i>Pseudomonas aeruginosa</i> . 2019 , 128, 354-362		6
166	Effect of AgWPA nanoparticles on the inhibition of <i>Staphylococcus aureus</i> growth in biofilms. <i>Food Control</i> , 2019 , 100, 240-246	6.2	12
165	Effect of <i>Capsicum Frutescens</i> Extract, Capsaicin, and Luteolin on Quorum Sensing Regulated Phenotypes. 2019 , 84, 1477-1486		17
164	Efficiency of essential oils against <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> causing potato soft rot and their possible application as coatings in storage. 2019 , 156, 110928		10
163	ZnO/Curcumin Nanocomposites for Enhanced Inhibition of Virulence via LasR-RhlR Quorum Sensing Systems. 2019 , 16, 3399-3413		18
162	Anti-quorum sensing and anti-biofilm activity of 5-hydroxymethylfurfural against <i>Pseudomonas aeruginosa</i> PAO1: Insights from in vitro, in vivo and in silico studies. 2019 , 226, 19-26		15
161	Fucoidan-Stabilized Gold Nanoparticle-Mediated Biofilm Inhibition, Attenuation of Virulence and Motility Properties in PAO1. 2019 , 17,		42
160	<i>Pseudomonas aeruginosa</i> Quorum Sensing and Biofilm Inhibition. 2019 , 227-256		2
159	Inhibitive Effect of Eugenol and Its Nanoemulsion on Quorum Sensing-Mediated Virulence Factors and Biofilm Formation by <i>Pseudomonas aeruginosa</i> . 2019 , 82, 379-389		26
158	Anti-PqsR compounds as next-generation antibacterial agents against <i>Pseudomonas aeruginosa</i> : A review. 2019 , 172, 26-35		31
157	Mosloflavone attenuates the quorum sensing controlled virulence phenotypes and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1: In vitro, in vivo and in silico approach. 2019 , 131, 128-134		17
156	Review of Anti-Bacterial Activities of Curcumin against <i>Pseudomonas aeruginosa</i> . 2019 , 29, 377-385		6
155	SILVER NANOPARTICLE SYNTHESIS USING ULTRASOUND AND HALLOYSITE TO CREATE A NANOCOMPOSITE WITH ANTIBACTERIAL PROPERTIES. 2019 , 14, 456-461		4
154	Antibacterial and Antibiofilm Activity of Temporin-GHc and Temporin-GHd Against Cariogenic Bacteria. <i>Frontiers in Microbiology</i> , 2019 , 10, 2854	5-7	11
153	Antibacterial Activity and Anti-Quorum Sensing Mediated Phenotype in Response to Essential Oil from Leaves. 2019 , 20,		10
152	The Mechanisms and Applications of Quorum Sensing (QS) and Quorum Quenching (QQ). 2019 , 18, 1427-1442		13
151	Photodynamic inactivation diminishes quorum sensing-mediated virulence factor production and biofilm formation of <i>Serratia marcescens</i> . 2019 , 35, 191		9

150	Implication of Quorum Sensing and Biofilm Formation in Medicine, Agriculture and Food Industry. 2019,		2
149	Attenuation of Virulence Factors by a Mixture of Natural Antimicrobials. 2019, 7,		4
148	Inhibitory effect of a natural phenolic compound, 3--coumaroyl-2-hydroxyquinic acid against the attachment phase of biofilm formation of through targeting sortase A.. <i>RSC Advances</i> , 2019, 9, 32453-32461		7
147	Effect of natural curcuminoids-intercalated layered double hydroxide nanohybrid against <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , and <i>Enterococcus faecalis</i> : A bactericidal, antibiofilm, and mechanistic study. 2019, 8, e00723		13
146	Nano-curcumin incorporated polyethersulfone membranes for enhanced anti-biofouling in treatment of sewage plant effluent. 2019, 94, 258-269		17
145	Quercetin inhibits swarming motility and activates biofilm production of <i>Proteus mirabilis</i> possibly by interacting with central regulators, metabolic status or active pump proteins. 2019, 57, 65-71		4
144	Antibiofilm efficacy of curcumin in combination with 2-aminobenzimidazole against single- and mixed-species biofilms of <i>Candida albicans</i> and <i>Staphylococcus aureus</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 28-34	6	23
143	Natural products as biofilm formation antagonists and regulators of quorum sensing functions: A comprehensive review update and future trends. 2019, 120, 65-80		21
142	Current Strategy to Target Bacterial Quorum Sensing and Virulence by Phytocompounds. 2019, 301-329		2
141	Interference of phosphane copper (I) complexes of Carboline with quorum sensing regulated virulence functions and biofilm in foodborne pathogenic bacteria: A first report. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 308-316	4	10
140	Role of Nanocurcumin as a Surface Modifying Agent with Excellent Preventive Effect on Device-Related CoNS Infections. 2020, 90, 29-35		3
139	Brevinin-GR23 from frog with antimicrobial and antibiofilm activities against. 2020, 84, 143-153		3
138	<i>Musa acuminata</i> and its bioactive metabolite 5-Hydroxymethylfurfural mitigates quorum sensing (las and rhl) mediated biofilm and virulence production of nosocomial pathogen <i>Pseudomonas aeruginosa</i> in vitro. 2020, 246, 112242		17
137	Methyl anthranilate: A novel quorum sensing inhibitor and anti-biofilm agent against <i>Aeromonas sobria</i> . 2020, 86, 103356		13
136	Inhibitors of Bacterial Swarming Behavior. 2020, 26, 964-979		15
135	Synergistic mode of action of catechin, vanillic and protocatechuic acids to inhibit the adhesion of uropathogenic <i>Escherichia coli</i> on silicone surfaces. <i>Journal of Applied Microbiology</i> , 2020, 128, 387-400	4-7	15
134	Regulation and controlling the motility properties of <i>Pseudomonas aeruginosa</i> . 2020, 104, 33-49		18
133	Sustainable Agriculture Reviews 46. <i>Sustainable Agriculture Reviews</i> , 2020,	1-3	1

132	Ethanol Extract of Flower and Its Organic Acid Components Have Inhibitory Effects on Autoinducer Type 1 Quorum Sensing. 2020 , 25,		3
131	Molecules involved in motility regulation in cells: a review. 2020 , 36, 889-908		2
130	HPLC-DAD phenolic profiles, antibiofilm, anti-quorum sensing and enzyme inhibitory potentials of <i>Camellia sinensis</i> (L.) O. Kuntze and <i>Curcuma longa</i> L.. 2020 , 133, 110150		12
129	Curcumin, a Natural Antimicrobial Agent with Strain-Specific Activity. 2020 , 13,		50
128	Role of a Quorum Sensing Signal Acyl-Homoserine Lactone in a Phytobiome. 2020 , 29-50		
127	Quorum Sensing as Molecular Target to Fight Against Infectious Diseases. 2020 , 67-85		1
126	Benzyl isocyanate isolated from the leaves of inhibits biofilm formation. 2020 , 36, 1000-1017		5
125	Nanolipoidal Terpineol modulates quorum sensing regulated virulence and biofilm formation in. 2020 , 15, 1743-1760		13
124	2,4-Di-Tert-Butylphenol Isolated From an Endophytic Fungus, , Reduces Virulence and Quorum Sensing in. <i>Frontiers in Microbiology</i> , 2020 , 11, 1668	5-7	7
123	Rhodethrin and Rubrivivaxin as potential source of anti-biofilm agents against vancomycin resistant <i>Enterococcus faecalis</i> (ATCC 19443). 2020 , 148, 104457		1
122	Making of water soluble curcumin to potentiate conventional antimicrobials by inducing apoptosis-like phenomena among drug-resistant bacteria. 2020 , 10, 14204		15
121	Lactoferrin-Derived Peptides as a Control Strategy against Skinborne Staphylococcal Biofilms. 2020 , 8,		7
120	Biofilm: Development and Therapeutic Strategies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 414	5-9	20
119	Chemical Composition of Natural Hydrolates and Their Antimicrobial Activity on -Like Cells in Comparison with Other Microorganisms. 2020 , 25,		14
118	<i>Curcuma longa</i> rhizome extract and Curcumin reduce the adhesion of <i>Acanthamoeba triangularis</i> trophozoites and cysts in polystyrene plastic surface and contact lens. 2020 , 14, 218-229		9
117	Preparation and antibiofilm studies of curcumin loaded chitosan nanoparticles against polymicrobial biofilms of <i>Candida albicans</i> and <i>Staphylococcus aureus</i> . 2020 , 241, 116254		32
116	Unraveling the anti-biofilm potential of green algal sulfated polysaccharides against <i>Salmonella enterica</i> and <i>Vibrio harveyi</i> . 2020 , 104, 6299-6314		9
115	Antibacterial Mechanism of Curcumin: A Review. 2020 , 17, e2000171		53

114	Controlled surface modification of silicone rubber by gamma-irradiation followed by RAFT grafting polymerization. 2020 , 134, 109817		9
113	Insights into coumarin-mediated inhibition of biofilm formation in <i>Typhimurium</i> . 2020 , 36, 479-491		8
112	Beyond Risk: Bacterial Biofilms and Their Regulating Approaches. <i>Frontiers in Microbiology</i> , 2020 , 11, 928	5.7	120
111	Bioactive Properties of (L.) Skeels Pulp and Seed Phenolic Extracts. <i>Frontiers in Microbiology</i> , 2020 , 11, 990	5.7	10
110	Antioxidant dressing therapy versus standard wound care in chronic wounds (the REOX study): study protocol for a randomized controlled trial. 2020 , 21, 505		5
109	Antivirulence properties and related mechanisms of spice essential oils: A comprehensive review. 2020 , 19, 1018-1055		25
108	2-Hydroxy-4-methoxybenzaldehyde from is antagonistic to biofilm formation. 2020 , 36, 549-563		5
107	Effects of Natural Products on Bacterial Communication and Network-Quorum Sensing. 2020 , 2020, 8638103		4
106	Inhibition of quorum sensing-associated virulence factors and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1 by <i>Mycoleptodiscus indicus</i> PUTY1. 2020 , 51, 467-487		6
105	Resistance of bacteria, fungi, and parasites to antibiotics or natural substances of botanical origin. 2020 , 339-354		
104	Effect of curcumin on the expression of ahl/R quorum sensing genes and some associated phenotypes in pathogenic <i>Aeromonas hydrophila</i> fish isolates. 2020 , 36, 70		12
103	Twin Peaks: Presenting the Antagonistic Molecular Interplay of Curcumin with LasR and LuxR Quorum Sensing Pathways. 2020 , 77, 1800-1810		13
102	Anti-biofilm activity of LC-MS based essential oils against multi drug resistant biofilm forming. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 302-309	4	5
101	1-(4-Amino-2-hydroxyphenyl)ethanone from <i>Phomopsis liquidambari</i> showed quorum sensing inhibitory activity against <i>Pseudomonas aeruginosa</i> . 2021 , 105, 341-352		4
100	Inhibition of biofilm and quorum sensing-regulated virulence factors in <i>Pseudomonas aeruginosa</i> by <i>Cuphea carthagenensis</i> (Jacq.) J. F. Macbr. Leaf extract: An in vitro study. 2021 , 269, 113699		10
99	<i>Lactobacillus plantarum</i> CY 1-1: A novel quorum quenching bacteria and anti-biofilm agent against <i>Aeromonas sobria</i> . 2021 , 137, 110439		4
98	Inhibition of biofilm formation and quorum sensing mediated virulence in <i>Pseudomonas aeruginosa</i> by marine sponge symbiont <i>Brevibacterium casei</i> strain Alu 1. 2021 , 150, 104693		5
97	In Silico Study of Ayapana <i>Triplinervis</i> Bioactive Compounds Against Quorum-Sensing System of <i>Pseudomonas Aeruginosa</i> . 2021 , 37, 143-150		0

96	Inhibitory effect of norharmane on NJ01 quorum sensing-mediated virulence factors and biofilm formation. 2021 , 37, 145-160		2
95	On improving the physiological stability of curcuminoids: Curcuminoid-silver nanoparticle complex as a better and efficient therapeutic agent. 2021 , 25, 100661		1
94	Anti-quorum sensing and antibiofilm potential of 1,8-cineole derived from <i>Musa paradisiaca</i> against <i>Pseudomonas aeruginosa</i> strain PAO1. 2021 , 37, 66		3
93	Computational in Silico Modelling of Phytochemicals as a Potential Cure. 2021 , 42-55		
92	Quercetin Inhibits Biofilm Formation by Decreasing the Production of EPS and Altering the Composition of EPS in. <i>Frontiers in Microbiology</i> , 2021 , 12, 631058	5-7	6
91	Indole Derivatives Obtained from Egyptian sp. Soil Isolates Exhibit Antivirulence Activities against Uropathogenic. 2021 , 10,		2
90	Quorum Sensing and NF- κ B Inhibition of Synthetic Coumapherine Derivatives from. 2021 , 26,		2
89	Novel Strategies to Combat Bacterial Biofilms. 2021 , 63, 569-586		6
88	AHL-Lactonase Producing sp. From Palk Bay Sediment Mitigates Quorum Sensing-Mediated Virulence Production in Gram Negative Bacterial Pathogens. <i>Frontiers in Microbiology</i> , 2021 , 12, 634593	5-7	3
87	Plasmon enhanced linear and nonlinear optical properties of natural curcumin dye with silver nanoparticles. 2021 , 189, 109256		5
86	EGCG-Mediated Potential Inhibition of Biofilm Development and Quorum Sensing in. 2021 , 22,		7
85	Sesamin and sesamol rescues <i>Caenorhabditis elegans</i> from <i>Pseudomonas aeruginosa</i> infection through the attenuation of quorum sensing regulated virulence factors. 2021 , 155, 104912		8
84	Coumarin Exhibits Broad-Spectrum Antibiofilm and Antiquorum Sensing Activity against Gram-Negative Bacteria: and Investigation. 2021 , 6, 18823-18835		9
83	Photodynamic inactivation with curcumin and silver nanoparticles hinders <i>Pseudomonas aeruginosa</i> planktonic and biofilm formation: evaluation of glutathione peroxidase activity and ROS production. 2021 , 37, 149		1
82	Algal polysaccharides potential to combat respiratory infections caused by <i>Klebsiella pneumoniae</i> and <i>Serratia marcescens</i> biofilms. 2021 , 1		0
81	Paeonol Attenuates Quorum-Sensing Regulated Virulence and Biofilm Formation in. <i>Frontiers in Microbiology</i> , 2021 , 12, 692474	5-7	3
80	Plumbagin inhibits quorum sensing-regulated virulence and biofilms of Gram-negative bacteria: and investigations. 2021 , 37, 724-739		2
79	Interkingdom Signaling Interference: The Effect of Plant-Derived Small Molecules on Quorum Sensing in Plant-Pathogenic Bacteria. 2021 , 59, 153-190		2

78	Transcriptomic analysis of the food spoilers <i>Pseudomonas fluorescens</i> reveals the antibiofilm of carvacrol by interference with intracellular signaling processes. <i>Food Control</i> , 2021 , 127, 108115	6.2	2
77	The effect of sublethal concentrations of benzalkonium chloride on the LuxS/AI-2 quorum sensing system, biofilm formation and motility of <i>Escherichia coli</i> . 2021 , 353, 109313		1
76	Exploring Phenolic Compounds as Quorum Sensing Inhibitors in Foodborne Bacteria. <i>Frontiers in Microbiology</i> , 2021 , 12, 735931	5.7	10
75	In situ functionalizing calcium phosphate biomaterials with curcumin for the prevention of bacterial biofilm infections. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 206, 111938	6	1
74	<i>Myrtus communis</i> and its bioactive phytoconstituent, linalool, interferes with Quorum sensing regulated virulence functions and biofilm of uropathogenic bacteria: In vitro and in silico insights. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101588	3.6	4
73	Antibiofilm effect of sodium butyrate against <i>Vibrio parahaemolyticus</i> . <i>Food Control</i> , 2022 , 131, 108422	6.2	3
72	Synthesis of quaternary piperazine methacrylate homopolymers and their antibiofilm and anti-quorum sensing effects on pathogenic bacteria. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50466	2.9	5
71	The Interactions between Polyphenols and Microorganisms, Especially Gut Microbiota. <i>Antioxidants</i> , 2021 , 10,	7.1	44
70	Intrusion of Bacterial Quorum-Sensing for Antimicrobial Resistance Mitigation: A Pharmaceutical Perspective. <i>Sustainable Agriculture Reviews</i> , 2020 , 177-204	1.3	1
69	Medicinal Plants and Phytocompounds: A Potential Source of Novel Antibiofilm Agents. <i>Springer Series on Biofilms</i> , 2014 , 205-232		10
68	Is combined medication with natural medicine a promising therapy for bacterial biofilm infection?. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 128, 110184	7.5	16
67	Anti-virulence potential of basil and sage essential oils: Inhibition of biofilm formation, motility and pyocyanin production of <i>Pseudomonas aeruginosa</i> isolates. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111431	4.7	15
66	Food color <i>β</i> -Azorubine interferes with quorum sensing regulated functions and obliterates biofilm formed by food associated bacteria: An and approach. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1080-1090	4	7
65	Recent advances in modulating the microbiome. <i>F1000Research</i> , 2020 , 9,	3.6	23
64	Effect of Cinnamon Oil on Quorum Sensing-Controlled Virulence Factors and Biofilm Formation in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2015 , 10, e0135495	3.7	78
63	Comparative Study of Inhibitory Potential of Dietary Phytochemicals Against Quorum Sensing Activity of and Biofilm Formation by 12472, and Swimming and Swarming Behaviour of PAO1. <i>Food Technology and Biotechnology</i> , 2019 , 57, 212-221	2.1	13
62	Methanolic Extract of <i>Plectranthus tenuiflorus</i> Attenuates Quorum Sensing Mediated Virulence and Biofilm Formation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Pure and Applied Microbiology</i> , 2018 , 12, 1985-1996	0.9	4
61	Quorum sensing : une nouvelle cible anti-infectieuse des plantes mēdicinales. <i>Phytotherapie</i> , 2018 , 16, 365-373	0.4	2

60	Synthesis, antibacterial evaluation, and safety assessment of CuS NPs against <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> . <i>Pest Management Science</i> , 2021 ,	4.6	1
59	Biochemical and Hematological Study with the Appreciation of some Immunological Parameters in Thalassemia Patients at Kerbala Province. <i>Journal of Pure and Applied Microbiology</i> , 2018 , 12, 1965-1973 ^{0.9}		
58	Antioxidant and Anti-infective Potential of Ethanolic Extract of <i>Eriobotrya bengalensis</i> (Roxb.) Hook. f.: Phytochemicals Investigation and Molecular Docking Studies. <i>Journal of Pure and Applied Microbiology</i> , 2019 , 13, 361-370	0.9	1
57	 2020 , 14, 64-70	0	
56	Anti-quorum Sensing Systems and Biofilm Formation. <i>Nanotechnology in the Life Sciences</i> , 2020 , 293-303 ^{1.1}		
55	Ways to control harmful biofilms: prevention, inhibition, and eradication. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 57-78	7.8	9
54	Inhibition of biofilm formation and quorum sensing by soy isoflavones in <i>Pseudomonas aeruginosa</i> . <i>Food Control</i> , 2022 , 133, 108629	6.2	3
53	Quorum sensing-regulated functions of are reduced by eugenol. <i>Iranian Journal of Microbiology</i> , 2020 , 12, 451-459	0.9	1
52	Repurposing phytochemicals as anti-virulent agents to attenuate quorum sensing-regulated virulence factors and biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Microbial Biotechnology</i> , 2021 ,	6.3	4
51	Antibacterial activity of curcumin and its essential nanoformulations against some clinically important bacterial pathogens: A comprehensive review. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	0
50	Quorum sensing-regulated functions of <i>Serratia marcescens</i> are reduced by eugenol. <i>Iranian Journal of Microbiology</i> , 2020 , 12, 451-459	0.9	2
49	Orange-red to NIR emissive carbon dots for antimicrobial, bioimaging and bacteria diagnosis.. <i>Journal of Materials Chemistry B</i> , 2022 ,	7.3	4
48	Mycobacterial quorum quenching and biofilm inhibition potential of medicinal plants. 2022 , 309-333		
47	New phthalonitrile/metal phthalocyanine-gold nanoparticle conjugates for biological applications.. <i>Dalton Transactions</i> , 2022 ,	4.3	2
46	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems.. <i>Antioxidants</i> , 2022 , 11,	7.1	4
45	Perillaldehyde mitigates virulence factors and biofilm formation of <i>Pseudomonas aeruginosa</i> clinical isolates, by acting on the quorum sensing mechanism in vitro.. <i>Journal of Applied Microbiology</i> , 2022 ,	4.7	0
44	Complete Genome Analysis Reveals the Quorum Sensing-Related Spoilage Potential of PF08, a Specific Spoilage Organism of Turbot ().. <i>Frontiers in Microbiology</i> , 2022 , 13, 856802	5.7	
43	Data_Sheet_1.PDF. 2019 ,		

42	Data_Sheet_1.pdf. 2018 ,		
41	Data_Sheet_1.pdf. 2019 ,		
40	Data_Sheet_1.PDF. 2020 ,		
39	Table_1.xlsx. 2020 ,		
38	Data_Sheet_1.PDF. 2018 ,		
37	Effect of (+) usnic Acid on Pigment Production in Bacteria. <i>Journal of Pure and Applied Microbiology</i> ,	0.9	
36	Effects of active compounds from Cassia fistula on quorum sensing mediated virulence and biofilm formation in Pseudomonas aeruginosa. <i>RSC Advances</i> , 2022 , 12, 15196-15214	3.7	0
35	Evaluation of anti-biofilm formation and quorum sensing attenuation of herbal medicines. 2022 , 723-738		
34	Combating biofilm of ESKAPE pathogens from ancient plant-based therapy to modern nanotechnological combinations. 2022 , 59-94		0
33	Germicidal and Antineoplastic Activities of Curcumin and Curcumin-Derived Nanoparticles.		
32	Tackling Multiple-Drug-Resistant Bacteria With Conventional and Complex Phytochemicals. <i>Frontiers in Cellular and Infection Microbiology</i> , 12,	5.9	0
31	Actinomycin D: a novel Pseudomonas aeruginosa quorum sensing inhibitor from the endophyte Streptomyces cyaneochromogenes RC1. 2022 , 38,		2
30	Anti-quorum sensing evaluation of methyleugenol, the principal bioactive component, from the Melaleuca bracteata leaf oil. 13,		2
29	The Action of Phytochemicals in the Control of Pathogenic Biofilms. 2022 , 371-398		0
28	Cytotoxicity and Promising Anti-Biofilm of Curcuma Silver Nanoparticles against Candida albicans. 2022 , 3355-3359		0
27	Natural Antioxidant, Antibacterial, and Antiproliferative Activities of Ethanolic Extracts from Punica granatum L. Tree Barks Mediated by Extracellular Signal-Regulated Kinase. 2022 , 11, 2258		0
26	Review on Plant-Based Management in Combating Antimicrobial Resistance - Mechanistic Perspective. 13,		0
25	Extracellular lactonase mediated quorum quenching by a novel Bacillus velezensis.		0

- 24 Comparative Study of Antibacterial, Antibiofilm, Antiswarming and Antiquorum Sensing Activities of *Origanum vulgare* Essential Oil and Terpinene-4-ol against Pathogenic Bacteria. **2022**, 12, 1616 ○
- 23 1,8-Cineole inhibits biofilm formation and bacterial pathogenicity by suppressing luxS gene expression in *Escherichia coli*. 13, ○
- 22 Recent advances on the regulation of bacterial biofilm formation by herbal medicines. 13, ○
- 21 Synthesis and evaluation of inhibitory potentials of microbial biofilms and quorum-sensing by 3-(1,3-dithian-2-ylidene) pentane-2,4-dione and ethyl-2-cyano-2-(1,3-dithian-2-ylidene) acetate. **2022**, 69, 973-980 ○
- 20 The action of phytochemicals in biofilm control. ○
- 19 Synergistic effect of propyl gallate and antibiotics against biofilms of *Serratia marcescens* and *Erwinia carotovora* in vitro. **2023**, 173, 114258 ○
- 18 Terpinen-4-ol, An Active Constituent of Kewda Essential Oil, Mitigates Biofilm Forming Ability of Multidrug Resistant *Staphylococcus aureus* and *Klebsiella pneumoniae*. **2022**, 12, 406-420 ○
- 17 New insights into the antibacterial mode of action of quercetin against uropathogen *Serratia marcescens* in-vivo and in-vitro. **2022**, 12, ○
- 16 Recent advances to combat ESKAPE pathogens with special reference to essential oils. 13, ○
- 15 Effects of Rhapontigenin as a Novel Quorum-Sensing Inhibitor on Exoenzymes and Biofilm Formation of *Pectobacterium carotovorum* subsp. *carotovorum* and Its Application in Vegetables. **2022**, 27, 8878 ○
- 14 Biofilm Lifestyle in Recurrent Urinary Tract Infections. **2023**, 13, 148 2
- 13 Implantable Electrospun Nanofibers with Wound-Healing Capabilities in the Reduction of Pressure Ulcers. **2023**, 5, 429-440 ○
- 12 Inactivation of *Pseudomonas aeruginosa* biofilms by thymoquinone in combination with nisin. 13, ○
- 11 Spore germinator-loaded polysaccharide microspheres ameliorate colonic inflammation and tumorigenesis through remodeling gut microenvironment. **2023**, ○
- 10 Deciphering the antibiofilm potential of 2-Phenylethyl methyl ether (PEME), a bioactive compound of Kewda essential oil against *Staphylococcus aureus*. **2023**, 179, 106093 ○
- 9 Natural Medicine a Promising Candidate in Combating Microbial Biofilm. **2023**, 12, 299 ○
- 8 Curcumin-Functionalized Graphene Oxide Strongly Prevents *Candida parapsilosis* Adhesion and Biofilm Formation. **2023**, 16, 275 ○
- 7 Hexanic extract of *Achyrocline satureioides*: antimicrobial activity and in vitro inhibitory effect on mechanisms related to the pathogenicity of *Paenibacillus* larvae. ○

- 6 Inhibition of biofilm formation, quorum sensing and virulence factor production in *Pseudomonas aeruginosa* PAO1 by selected LasR inhibitors. ○
- 5 N-acetylcysteine (NAC) attenuates quorum sensing regulated phenotypes in *Pseudomonas aeruginosa* PAO1. **2023**, 9, e14152 ○
- 4 Determination of antibacterial and anti-biofilm potential of Kewda essential oil against *Staphylococcus aureus* and *Klebsiella pneumoniae*. ○
- 3 Biofilm inhibiting phytometabolites. **2023**, 161-174 ○
- 2 Inhibitory Potential of *Thymus vulgaris* Essential Oil against Growth, Biofilm Formation, Swarming, and Swimming in *Pseudomonas syringae* Isolates. **2023**, 11, 933 ○
- 1 A fabricated hydrogel of hyaluronic acid/curcumin shows super-activity to heal the bacterial infected wound. **2023**, 13, ○