

Plant Natural Products Targeting Bacterial Virulence Factors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cinnamaldehyde Inhibits <i>Staphylococcus aureus</i> Virulence Factors and Protects against Infection in a <i>Galleria mellonella</i> Model. <i>Frontiers in Microbiology</i> , 2016, 7, 2052.	1.5	61
2	Antibiofilm Activity of Plant Polyphenols. <i>Molecules</i> , 2016, 21, 1717.	1.7	180
3	Chemical Strategies To Target Bacterial Virulence. <i>Chemical Reviews</i> , 2017, 117, 4422-4461.	23.0	100
4	Design, synthesis and biological evaluation of novel Schiff base-bridged tetrahydroprotoberberine triazoles as a new type of potential antimicrobial agents. <i>MedChemComm</i> , 2017, 8, 907-916.	3.5	37
5	Beyond the Antagonism: Self-Labeled Xanthone Inhibitors as Modeled "Two-in-One" Drugs in Cancer Therapy. <i>ACS Omega</i> , 2017, 2, 873-889.	1.6	24
6	Myricetin protects <i>Galleria mellonella</i> against <i>Staphylococcus aureus</i> infection and inhibits multiple virulence factors. <i>Scientific Reports</i> , 2017, 7, 2823.	1.6	83
7	Nanocellulose Mechanically Isolated from <i>Amorpha fruticosa</i> Linn.. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4414-4420.	3.2	66
9	Preparation and Characterization of Poly-1,2,3-triazole with Chiral 2(5H)-Furanone Moiety as Potential Optical Brightening Agents. <i>ACS Omega</i> , 2017, 2, 5557-5564.	1.6	34
10	Mass defect filtering-oriented classification and precursor ions list-triggered high-resolution mass spectrometry analysis for the discovery of indole alkaloids from <i>Uncaria sinensis</i> . <i>Journal of Chromatography A</i> , 2017, 1516, 102-113.	1.8	70
11	Antibiotic adjuvants " A strategy to unlock bacterial resistance to antibiotics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4221-4228.	1.0	175
12	Inhibitory effects of food additives derived from polyphenols on staphylococcal enterotoxin A production and biofilm formation by <i>Staphylococcus aureus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 2346-2352.	0.6	11
13	3-Oxo- β -costic acid fungal-transformation generates eudesmane sesquiterpenes with in vitro tumor-inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3825-3828.	1.0	10
14	Biocontrol through antibiosis: exploring the role played by subinhibitory concentrations of antibiotics in soil and their impact on plant pathogens. <i>Canadian Journal of Plant Pathology</i> , 2017, 39, 267-274.	0.8	27
16	Phenolic Compounds with Anti-virulence Properties. , 0, , .		22
17	Immune-Stimulatory and Therapeutic Activity of <i>Tinospora cordifolia</i> : Double-Edged Sword against Salmonellosis. <i>Journal of Immunology Research</i> , 2017, 2017, 1-9.	0.9	39
18	Selective recognition and separation of luteolin based on the molecular imprinted hollow SnO ₂ and boronate affinity. <i>Chemical Engineering Journal</i> , 2018, 342, 293-303.	6.6	43
19	A facile method for the deposition of volatile natural compound-based nanoparticles on biodegradable polymer surfaces. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2240-2249.	2.9	10
20	Discovery of 2-aminothiazolyl berberine derivatives as effectively antibacterial agents toward clinically drug-resistant Gram-negative <i>Acinetobacter baumannii</i> . <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 15-37.	2.6	83

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21	pH-responsive magnetic metal-organic framework nanocomposite: A smart porous adsorbent for highly specific enrichment of cis-diol containing luteolin. <i>Chemical Engineering Journal</i> , 2018, 341, 198-207.	6.6	47
22	Cajanusflavanols Aâ€“C, Three Pairs of Flavonostilbene Enantiomers from <i>Cajanus cajan</i> . <i>Organic Letters</i> , 2018, 20, 876-879.	2.4	16
23	Targeting Virulence in <i>Staphylococcus aureus</i> by Chemical Inhibition of the Accessory Gene Regulator System <i>In Vivo</i> . <i>MSphere</i> , 2018, 3, .	1.3	64
24	Efficient difluoromethylation of isoflavonoids and flavonoid under mild conditions. <i>Synthetic Communications</i> , 2018, 48, 91-96.	1.1	2
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26	Anti-quorum sensing activity, toxicity in zebrafish (<i>Danio rerio</i>) embryos and phytochemical characterization of <i>Trapa natans</i> leaf extracts. <i>Journal of Ethnopharmacology</i> , 2018, 222, 148-158.	2.0	15
27	The Literature of Heterocyclic Chemistry, Part XVI, 2016. <i>Advances in Heterocyclic Chemistry</i> , 2018, 126, 173-254.	0.9	6
28	Discovery of natural berberine-derived nitroimidazoles as potentially multi-targeting agents against drug-resistant <i>Escherichia coli</i> . <i>Science China Chemistry</i> , 2018, 61, 557-568.	4.2	58
29	Tomentodione E, a new <i>sec</i> -pentyl syncarpic acid-based meroterpenoid from the leaves of <i>Rhodomyrtus tomentosa</i> . <i>Journal of Asian Natural Products Research</i> , 2018, 20, 67-74.	0.7	14
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32	Quorum-Sensing Systems as Targets for Antivirulence Therapy. <i>Trends in Microbiology</i> , 2018, 26, 313-328.	3.5	351
33	Äœber bisherige Denkweisen hinaus â€“ neue Wirkstoffe zur Äœberwindung der Antibiotikaâ€“Krise. <i>Angewandte Chemie</i> , 2018, 130, 14642-14682.	1.6	18
34	Antimicrobial Activity of <i>Olea europaea</i> Fatty Oil against Multi-Drug Resistant and Biofilm Forming Microorganisms. <i>Notulae Scientia Biologicae</i> , 2018, 10, 498-502.	0.1	2
35	Synthesis and Biological Activity of Cyanoethyl Derivatives of Fusidic Acid. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1411-1418.	0.3	15
36	Induction of Biofilm Formation in <i>Klebsiella pneumoniae</i> ATCC 13884 by Several Drugs: The Possible Role of Quorum Sensing Modulation. <i>Antibiotics</i> , 2018, 7, 103.	1.5	11
37	Ferulic acid encapsulated chitosanâ€“tripolyphosphate nanoparticles attenuate quorum sensing regulated virulence and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1. <i>IET Nanobiotechnology</i> , 2018, 12, 1056-1061.	1.9	20
38	Chemical composition of <i>Pistacia vera</i> L. oleoresin and its antibacterial, anti-virulence and anti-biofilm activities against oral streptococci, including <i>Streptococcus mutans</i> . <i>Archives of Oral Biology</i> , 2018, 96, 208-215.	0.8	12

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40	Antibacterial and antioxidant activities for natural and synthetic dual-active compounds. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 91-105.	2.6	129
41	Attenuation of <i>Listeria monocytogenes</i> Virulence by <i>Cannabis sativa</i> L. Essential Oil. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 293.	1.8	46
42	Opportunities for plant natural products in infection control. <i>Current Opinion in Microbiology</i> , 2018, 45, 189-194.	2.3	54
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44	Quorum Sensing Interference by Natural Products from Medicinal Plants: Significance in Combating Bacterial Infection. , 2018, , 417-445.		5
45	Growth Media Affect Assessment of Antimicrobial Activity of Plant-Derived Polyphenols. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	12
46	The plant compound rosmarinic acid induces a broad quorum sensing response in <i>Pseudomonas aeruginosa</i> PAO1. <i>Environmental Microbiology</i> , 2018, 20, 4230-4244.	1.8	17
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48	Specific uptake luteolin by boronate affinity-based single-hole hollow imprinted polymers sealed in dialysis bags. <i>Chemical Engineering Journal</i> , 2018, 353, 911-919.	6.6	39
49	The synthesis and evaluation of phenoxyacylhydroxamic acids as potential agents for <i>Helicobacter pylori</i> infections. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4145-4152.	1.4	17
50	Sustained antibacterial activity of berberine hydrochloride loaded supramolecular organoclay networks with hydrogen-bonding junctions. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4972-4984.	2.9	23
51	Separation, Identification, and Bioactivities of the Main Gallotannins of Red Sword Bean (<i>Canavalia</i>)	1.8	32
52	<i>Aspergillus ochraceopetaliformis</i> SSP13 modulates quorum sensing regulated virulence and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Biofouling</i> , 2018, 34, 410-425.	0.8	23
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55	Brown propolis-metabolomic innovative approach to determine compounds capable of killing <i>Staphylococcus aureus</i> biofilm and <i>Trichomonas vaginalis</i> . <i>Food Research International</i> , 2018, 111, 661-673.	2.9	48
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72	Prenylated stilbenes and flavonoids from the leaves of <i>Cajanus cajan</i> . <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 381-386.	0.7	6
73	In vitro antibacterial effect analysis of stabilized PEGylated allicin-containing extract from <i>Allium sativum</i> in conjugation with other antibiotics. <i>Process Biochemistry</i> , 2019, 87, 221-231.	1.8	13
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131	Cajarin Stilbene Acid Inhibited Vancomycin-Resistant <i>Enterococcus</i> by Inhibiting Phosphotransferase System. <i>Frontiers in Pharmacology</i> , 2020, 11, 473.	1.6	14
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