

# Shunmugiah Karutha Pandian

## List of Publications by Year in descending order

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Version: 2024-02-01

269  
papers

10,226  
citations

34105

52  
h-index

58581

82  
g-index

278  
all docs

278  
docs citations

278  
times ranked

10207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete genome sequence of <i>Halomonas boliviensis</i> strain kknpp38, a chlorine-resistant bacterium isolated from the early-stage marine biofilm. <i>Marine Genomics</i> , 2022, 62, 100890.	1.1	3
2	Community-Based 16S rDNA Fingerprinting Analysis of Geographically Distinct Marine Sediments of Unexplored Coastal Regions of Palk Bay and Gulf of Mannar. <i>Current Microbiology</i> , 2022, 79, 60.	2.2	1
3	Suppression of Thiol-Dependent Antioxidant System and Stress Response in Methicillin-Resistant <i>Staphylococcus aureus</i> by Docosanol: Explication Through Proteome Investigation. <i>Molecular Biotechnology</i> , 2022, 64, 575-589.	2.4	1
4	Sunlight-active phytol-ZnO@TiO <sub>2</sub> nanocomposite for photocatalytic water remediation and bacterial-fouling control in aquaculture: A comprehensive study on safety-level assessment. <i>Water Research</i> , 2022, 212, 118081.	11.3	9
5	<i>Vitex negundo</i> L. derived specialized molecules unveil the multi-targeted therapeutic avenues against COPD: a systems pharmacology approach. <i>Frontiers in Bioscience</i> , 2022, 27, 087.	2.1	5
6	Evaluation of antibiofilm potential of four-domain $\hat{\text{I}}\pm$ -amylase from <i>Streptomyces griseus</i> against exopolysaccharides (EPS) of bacterial pathogens using <i>Danio rerio</i> . <i>Archives of Microbiology</i> , 2022, 204, 243.	2.2	13
7	Gut associated culturable bacterial community in intertidal polychaete worms (Annelida: Polychaeta), their characterization and implications in captive shrimp aquaculture. <i>Regional Studies in Marine Science</i> , 2022, 52, 102274.	0.7	4
8	Heteroleptic pincer palladium(II) complex coated orthopedic implants impede the Abal/AbaR quorum sensing system and biofilm development by <i>Acinetobacter baumannii</i> . <i>Biofouling</i> , 2022, 38, 55-70.	2.2	8
9	Repurposing of Doxycycline to Hinder the Viral Replication of SARS-CoV-2: From in silico to in vitro Validation. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	4
10	Biofilm and hyphal inhibitory synergistic effects of phytoactives piperine and cinnamaldehyde against <i>Candida albicans</i> . <i>Medical Mycology</i> , 2022, 60, .	0.7	6
11	Multi-Omics and Integrative Approach towards Understanding Salinity Tolerance in Rice: A Review. <i>Biology</i> , 2022, 11, 1022.	2.8	14
12	Ethnomedicines of Indian origin for combating COVID-19 infection by hampering the viral replication: using structure-based drug discovery approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4594-4609.	3.5	69
13	Cloning, expression, homology modelling and molecular dynamics simulation of four domain-containing $\hat{\text{I}}\pm$ -amylase from <i>Streptomyces griseus</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2152-2163.	3.5	9
14	Global transcriptome analysis of novel stress associated protein ( <i>SAP</i> ) genes expression dynamism of combined abiotic stresses in <i>Oryza sativa</i> (L.). <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2106-2117.	3.5	11
15	Antimicrobial peptides as a potent therapeutic regimen to quench biofilm-mediated antimicrobial resistance. , 2021, , 531-570.		1
16	Natural molecules against QS-associated biofilm formation of pathogens. , 2021, , 317-348.		2
17	CRISPR based bacterial genome editing and removal of pathogens. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 179, 77-92.	1.7	1
18	<i>Sapindus mukorossi</i> Gaertn. and its bioactive metabolite oleic acid impedes methicillin-resistant <i>Staphylococcus aureus</i> biofilm formation by down regulating adhesion genes expression. <i>Microbiological Research</i> , 2021, 242, 126601.	5.3	33

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19	Structure and Functional Role of Microbiome Associated with Specific Organs of Healthy Individuals. , 2021, , 59-68.		0
20	Polymeric antibiofilm coating comprising synergistic combination of citral and thymol prevents methicillin-resistant Staphylococcus aureus biofilm formation on titanium. Materials Science and Engineering C, 2021, 121, 111863.	7.3	14
21	Exploring the impacts of heavy metals on spatial variations of sediment-associated bacterial communities. Ecotoxicology and Environmental Safety, 2021, 209, 111808.	6.0	34
22	Promising phytochemicals of traditional Indian herbal steam inhalation therapy to combat COVID-19 “ An in silico study. Food and Chemical Toxicology, 2021, 148, 111966.	3.6	44
23	The Role of OsWRKY Genes in Rice When Faced with Single and Multiple Abiotic Stresses. Agronomy, 2021, 11, 1301.	3.0	12
24	Indian Ethnomedicinal Phytochemicals as Promising Inhibitors of RNA-Binding Domain of SARS-CoV-2 Nucleocapsid Phosphoprotein: An In Silico Study. Frontiers in Molecular Biosciences, 2021, 8, 637329.	3.5	16
25	An Overview of Abiotic Stress in Cereal Crops: Negative Impacts, Regulation, Biotechnology and Integrated Omics. Plants, 2021, 10, 1472.	3.5	37
26	Thermal discharge-induced seawater warming alters richness, community composition and interactions of bacterioplankton assemblages in a coastal ecosystem. Scientific Reports, 2021, 11, 17341.	3.3	10
27	5-hydroxymethyl-2-furaldehyde impairs Candida albicans - Staphylococcus epidermidis interaction in co-culture by suppressing crucial supportive virulence traits. Microbial Pathogenesis, 2021, 158, 104990.	2.9	6
28	Draft Genome Sequencing of Pseudoalteromonas tetraodonis Strain kknpp56, a Potent Biofilm-Forming Bacterium Isolated from Early-Stage Marine Biofilm. Microbiology Resource Announcements, 2021, 10, e0060521.	0.6	1
29	Staphyloxanthin inhibitory potential of thymol impairs antioxidant fitness, enhances neutrophil mediated killing and alters membrane fluidity of methicillin resistant Staphylococcus aureus. Biomedicine and Pharmacotherapy, 2021, 141, 111933.	5.6	32
30	Bacterial community structure of early-stage biofilms is dictated by temporal succession rather than substrate types in the southern coastal seawater of India. PLoS ONE, 2021, 16, e0257961.	2.5	17
31	Usnic acid deteriorates acidogenicity, acidurance and glucose metabolism of Streptococcus mutans through downregulation of two-component signal transduction systems. Scientific Reports, 2021, 11, 1374.	3.3	10
32	CRISPR based development of RNA editing and the diagnostic platform. Progress in Molecular Biology and Translational Science, 2021, 179, 117-159.	1.7	0
33	Anti-inflammatory potential of myristic acid and palmitic acid synergism against systemic candidiasis in Danio rerio (Zebrafish). Biomedicine and Pharmacotherapy, 2021, 133, 111043.	5.6	20
34	Tocopherol and phytol possess anti-quorum sensing mediated anti-infective behavior against Vibrio campbellii in aquaculture: An in vitro and in vivo study. Microbial Pathogenesis, 2021, 161, 105221.	2.9	12
35	Catechol thwarts virulent dimorphism in Candida albicans and potentiates the antifungal efficacy of azoles and polyenes. Scientific Reports, 2021, 11, 21049.	3.3	10
36	In Vitro and In Silico Interaction Studies with Red Wine Polyphenols against Different Proteins from Human Serum. Molecules, 2021, 26, 6686.	3.8	9

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37	In Vitro and In Vivo Anti-infective Potential of Thymol Against Early Childhood Caries Causing Dual Species <i>Candida albicans</i> and <i>Streptococcus mutans</i> . <i>Frontiers in Pharmacology</i> , 2021, 12, 760768.	3.5	9
38	Bacterial Quorum-Sensing Molecules as Promising Natural Inhibitors of <i>Candida albicans</i> Virulence Dimorphism: An In Silico and In Vitro Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 781790.	3.9	4
39	Synergistic Interaction of Piperine and Thymol on Attenuation of the Biofilm Formation, Hyphal Morphogenesis and Phenotypic Switching in <i>Candida albicans</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 780545.	3.9	11
40	Global integrated omics expression analyses of abiotic stress signaling HSF transcription factor genes in <i>Oryza sativa</i> L.: An in silico approach. <i>Genomics</i> , 2020, 112, 908-918.	2.9	17
41	5-Dodecanolide inhibits biofilm formation and virulence of <i>Streptococcus pyogenes</i> by suppressing core regulons of virulence. <i>Life Sciences</i> , 2020, 262, 118554.	4.3	3
42	Sediment-associated bacterial community and predictive functionalities are influenced by choice of 16S ribosomal RNA hypervariable region(s): An amplicon-based diversity study. <i>Genomics</i> , 2020, 112, 4968-4979.	2.9	10
43	A highly divergent $\alpha$ -amylase from <i>Streptomyces</i> spp.: An evolutionary perspective. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 2415-2428.	7.5	5
44	Proteomic analysis deciphers the multi-targeting antivirulence activity of tannic acid in modulating the expression of MrpA, FlhD, UreR, HpmA and Nrp system in <i>Proteus mirabilis</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1175-1186.	7.5	7
45	Integrated transcriptomic and metabolomic analyses of glutamine metabolism genes unveil key players in <i>Oryza sativa</i> (L.) to ameliorate the unique and combined abiotic stress tolerance. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 222-231.	7.5	10
46	Proteomic and Systematic Functional Profiling Unveils Citral Targeting Antibiotic Resistance, Antioxidant Defense, and Biofilm-Associated Two-Component Systems of <i>Acinetobacter baumannii</i> To Encumber Biofilm and Virulence Traits. <i>MSystems</i> , 2020, 5, .	3.8	9
47	Metal sensing-carbon dots loaded TiO <sub>2</sub> -nanocomposite for photocatalytic bacterial deactivation and application in aquaculture. <i>Scientific Reports</i> , 2020, 10, 12883.	3.3	26
48	Global multi-omics and systems pharmacological strategy unravel the multi-targeted therapeutic potential of natural bioactive molecules against COVID-19: An in silico approach. <i>Genomics</i> , 2020, 112, 4486-4504.	2.9	26
49	Unraveling the Antioxidant, Binding and Health-Protecting Properties of Phenolic Compounds of Beers with Main Human Serum Proteins: In Vitro and In Silico Approaches. <i>Molecules</i> , 2020, 25, 4962.	3.8	10
50	sarA-Dependent Antibiofilm Activity of Thymol Enhances the Antibacterial Efficacy of Rifampicin Against <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1744.	3.5	30
51	Carvacrol Targets SarA and CrtM of Methicillin-Resistant <i>Staphylococcus aureus</i> to Mitigate Biofilm Formation and Staphyloxanthin Synthesis: An In Vitro and In Vivo Approach. <i>ACS Omega</i> , 2020, 5, 31100-31114.	3.5	32
52	Palmitic Acid Inhibits the Virulence Factors of <i>Candida tropicalis</i> : Biofilms, Cell Surface Hydrophobicity, Ergosterol Biosynthesis, and Enzymatic Activity. <i>Frontiers in Microbiology</i> , 2020, 11, 864.	3.5	47
53	Attenuation of <i>Proteus mirabilis</i> colonization and swarming motility on indwelling urinary catheter by antibiofilm impregnation: An in vitro study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111207.	5.0	16
54	Piperine Impedes Biofilm Formation and Hyphal Morphogenesis of <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 756.	3.5	44

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55	Global proteomic analysis deciphers the mechanism of action of plant derived oleic acid against <i>Candida albicans</i> virulence and biofilm formation. <i>Scientific Reports</i> , 2020, 10, 5113.	3.3	35
56	2-Hydroxy-4-methoxybenzaldehyde from <i>Hemidesmus indicus</i> is antagonistic to <i>Staphylococcus epidermidis</i> biofilm formation. <i>Biofouling</i> , 2020, 36, 549-563.	2.2	13
57	Quinolines-Based SARS-CoV-2 3CLpro and RdRp Inhibitors and Spike-RBD-ACE2 Inhibitor for Drug-Repurposing Against COVID-19: An in silico Analysis. <i>Frontiers in Microbiology</i> , 2020, 11, 1796.	3.5	115
58	Impediment to growth and yeast-to-hyphae transition in <i>Candida albicans</i> by copper oxide nanoparticles. <i>Biofouling</i> , 2020, 36, 56-72.	2.2	40
59	Proteomic profiling unveils citral modulating expression of IsaA, CodY and SaeS to inhibit biofilm and virulence in Methicillin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 158, 208-221.	7.5	24
60	Inhibition of biofilm and biofilm-associated virulence factor production in methicillin-resistant <i>Staphylococcus aureus</i> by docosanol. <i>Journal of Biotechnology</i> , 2020, 317, 59-69.	3.8	19
61	Synergistic antimicrobial combination of carvacrol and thymol impairs single and mixed-species biofilms of <i>Candida albicans</i> and <i>Staphylococcus epidermidis</i> . <i>Biofouling</i> , 2020, 36, 1-16.	2.2	5
62	Abiotic Stress and Applications of Omics Approaches to Develop Stress Tolerance in Agronomic Crops. , 2020, , 557-578.		4
63	Systematic assessment of chlorine tolerance mechanism in a potent biofilm-forming marine bacterium <i>Halomonas boliviensis</i> . <i>International Biodeterioration and Biodegradation</i> , 2020, 151, 104967.	3.9	20
64	Antibiofilm and antivirulence efficacy of myrtenol enhances the antibiotic susceptibility of <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2020, 10, 21975.	3.3	37
65	Flavonoids for Therapeutic Applications. , 2020, , 347-378.		0
66	Next Generation Sequencing Advances and Applications in the World of Bacterial Diversity. , 2020, , 178-209.		0
67	Culture-Dependent and -Independent Strategies in Bacterial Diversity Appraisal. , 2020, , 1-27.		1
68	Traditional and modern uses of onion bulb ( <i>Allium cepa</i> L.): a systematic review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S39-S70.	10.3	128
69	Synergistic antibiofilm efficacy of undecanoic acid and auxins against quorum sensing mediated biofilm formation of luminescent <i>Vibrio harveyi</i> . <i>Aquaculture</i> , 2019, 498, 162-170.	3.5	25
70	The metabolic profile of essential oils and assessment of anti-urease activity by ESI-mass spectrometry of <i>Salvia officinalis</i> L.. <i>South African Journal of Botany</i> , 2019, 120, 175-178.	2.5	8
71	Umbelliferone Impedes Biofilm Formation and Virulence of Methicillin-Resistant <i>Staphylococcus epidermidis</i> via Impairment of Initial Attachment and Intercellular Adhesion. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 357.	3.9	25
72	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> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111637.	3.8	40

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73	Proteomic analysis uncovers the modulation of ergosterol, sphingolipid and oxidative stress pathway by myristic acid impeding biofilm and virulence in <i>Candida albicans</i> . <i>Journal of Proteomics</i> , 2019, 208, 103503.	2.4	52
74	Myrtenol Attenuates MRSA Biofilm and Virulence by Suppressing sarA Expression Dynamism. <i>Frontiers in Microbiology</i> , 2019, 10, 2027.	3.5	68
75	<i>Hemidesmus indicus</i> , a traditional medicinal plant, targets the adherence of multidrug-resistant pathogens to form biofilms. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101338.	3.1	11
76	5-Dodecanolide interferes with biofilm formation and reduces the virulence of Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) through up regulation of agr system. <i>Scientific Reports</i> , 2019, 9, 13744.	3.3	50
77	Effects of a traditional Thai polyherbal medicine "Ya-Samarn-Phlae"™ as a natural anti-biofilm agent against <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2019, 128, 354-362.	2.9	7
78	Anti-virulence potential of 2-hydroxy-4-methoxybenzaldehyde against methicillin-resistant <i>Staphylococcus aureus</i> and its clinical isolates. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6747-6758.	3.6	20
79	Virulence targeted inhibitory effect of linalool against the exclusive uropathogen <i>Proteus mirabilis</i> . <i>Biofouling</i> , 2019, 35, 508-525.	2.2	23
80	Ethnopharmacology, Phytochemistry, and Global Distribution of Mangroves—A Comprehensive Review. <i>Marine Drugs</i> , 2019, 17, 231.	4.6	81
81	Bioactive peptides and proteins as alternative antiplatelet drugs. <i>Medicinal Research Reviews</i> , 2019, 39, 2153-2171.	10.5	19
82	Deciphering the Antibacterial Mode of Action of Alpha-Mangostin on <i>Staphylococcus epidermidis</i> RP62A Through an Integrated Transcriptomic and Proteomic Approach. <i>Frontiers in Microbiology</i> , 2019, 10, 150.	3.5	38
83	Culture dependent and independent analysis and appraisal of early stage biofilm-forming bacterial community composition in the Southern coastal seawater of India. <i>Science of the Total Environment</i> , 2019, 666, 308-320.	8.0	33
84	Extracted chitosan disrupts quorum sensing mediated virulence factors in Urinary tract infection causing pathogens. <i>Pathogens and Disease</i> , 2019, 77, .	2.0	18
85	Marine bacterial DNase curtails virulence and disrupts biofilms of <i>Candida albicans</i> and non- <i>Candida albicans</i> species. <i>Biofouling</i> , 2019, 35, 975-985.	2.2	12
86	Quorum quelling efficacy of marine cyclic dipeptide -cyclo(L-leucyl-L-prolyl) against the uropathogen <i>Serratia marcescens</i> . <i>Food and Chemical Toxicology</i> , 2019, 123, 326-336.	3.6	26
87	In vitro and in vivo biofilm inhibitory efficacy of geraniol-cefotaxime combination against <i>Staphylococcus</i> spp.. <i>Food and Chemical Toxicology</i> , 2019, 125, 322-332.	3.6	44
88	The role of flavonoids in autoimmune diseases: Therapeutic updates. , 2019, 194, 107-131.		113
89	Integrating the Bioinformatics and Omics Tools for Systems Analysis of Abiotic Stress Tolerance in <i>Oryza sativa</i> (L.). , 2019, , 59-77.		3
90	Bacteriology of Ophthalmic Infections. , 2019, , 319-363.		1

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91	Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen <i>Acinetobacter baumannii</i> . Journal of Applied Microbiology, 2018, 125, 56-71.	3.1	19
92	Phytosynthesized silver nanoparticles as anti-quorum sensing and antibiofilm agent against the nosocomial pathogen <i>Serratia marcescens</i> : an <i>in vitro</i> study. Journal of Applied Microbiology, 2018, 124, 1425-1440.	3.1	54
93	Green synthesized silver nanoparticles demonstrating enhanced <i>in vitro</i> and <i>in vivo</i> antibiofilm activity against <i>Candida</i> spp.. Journal of Basic Microbiology, 2018, 58, 343-357.	3.3	45
94	Exploring the antiviral and sea food preservation efficacy of essential oil combined with DNase on <i>Vibrio parahaemolyticus</i> . LWT - Food Science and Technology, 2018, 95, 107-115.	5.2	25
95	Effects of patchouli and cinnamon essential oils on biofilm and hyphae formation by <i>Candida</i> species. Journal De Mycologie Medicale, 2018, 28, 332-339.	1.5	36
96	An <i>in vitro</i> and <i>in silico</i> identification of antibiofilm small molecules from seawater metaclone SWMC166 against <i>Vibrio cholerae</i> O1. Molecular and Cellular Probes, 2018, 39, 14-24.	2.1	5
97	5-hydroxymethyl-2-furaldehyde from marine bacterium <i>Bacillus subtilis</i> inhibits biofilm and virulence of <i>Candida albicans</i> . Microbiological Research, 2018, 207, 19-32.	5.3	48
98	SPAR Markers-Assisted Assessment of Genetic Diversity and Population Structure in Finger Millet ( <i>Eleusine Coracana</i> (L.) Gaertn) Mini-Core Collection. Journal of Crop Science and Biotechnology, 2018, 21, 469-481.	1.5	8
99	Synergistic Effect of Quinic Acid Derived From <i>Syzygium cumini</i> and Undecanoic Acid Against <i>Candida</i> spp. Biofilm and Virulence. Frontiers in Microbiology, 2018, 9, 2835.	3.5	52
100	Tanshinone IIA attenuates TNF- $\alpha$ induced PTX3 expression and monocyte adhesion to endothelial cells through the p38/NF- $\kappa$ B pathway. Food and Chemical Toxicology, 2018, 121, 622-630.	3.6	19
101	Production of squalene with promising antioxidant properties in callus cultures of <i>Nilgiranthus ciliatus</i> . Industrial Crops and Products, 2018, 126, 357-367.	5.2	17
102	<i>In vitro</i> and <i>in vivo</i> effect of 2,6-Di- <i>tert</i> -butyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i> spp.. International Journal of Food Microbiology, 2018, 281, 60-71.	4.7	43
103	<i>O</i> -GlcNAcylation confers protection against <i>Staphylococcus aureus</i> infection in <i>Caenorhabditis elegans</i> through ubiquitination. RSC Advances, 2018, 8, 23089-23100.	3.6	11
104	Inhibitory effect of $\alpha$ -mangostin on <i>Acinetobacter baumannii</i> biofilms – an <i>in vitro</i> study. Biofouling, 2018, 34, 579-593.	2.2	38
105	<i>In vivo</i> protective effect of geraniol on colonization of <i>Staphylococcus epidermidis</i> in rat jugular vein catheter model. Pathogens and Disease, 2018, 76, .	2.0	7
106	Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin-resistant <i>Staphylococcus aureus</i> . Food and Chemical Toxicology, 2018, 118, 733-744.	3.6	46
107	Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance. Scientific Reports, 2018, 8, 9270.	3.3	46
108	Fukugiside, a biflavonoid from <i>Garcinia travancorica</i> inhibits biofilm formation of <i>Streptococcus pyogenes</i> and its associated virulence factors. Journal of Medical Microbiology, 2018, 67, 1391-1401.	1.8	14

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109	Modulation of <i>Staphylococcus epidermidis</i> (RP62A) extracellular polymeric layer by marine cyclic dipeptide-cyclo(L-leucyl-L-prolyl) thwarts biofilm formation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1254-1262.	2.6	20
110	Metagenomic Approaches for Novel Active Metabolites. , 2017, , 275-302.		0
111	<scp>L</scp>-Ascorbyl 2,6-dipalmitate inhibits biofilm formation and virulence in methicillin-resistant <i>Staphylococcus aureus</i> and prevents triacylglyceride accumulation in <i>Caenorhabditis elegans</i> . <i>RSC Advances</i> , 2017, 7, 23392-23406.	3.6	40
112	Evaluation of selected Indian medicinal plants for antagonistic potential against <i>Malassezia</i> spp. and the synergistic effect of embelin in combination with ketoconazole. <i>Microbial Pathogenesis</i> , 2017, 110, 66-72.	2.9	21
113	Protein Structure Analysis. , 2017, , 191-256.		0
114	In vitro activity of alpha-mangostin in killing and eradicating <i>Staphylococcus epidermidis</i> RP62A biofilms. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3349-3359.	3.6	49
115	Cholinesterase inhibitory, anti-amyloidogenic and neuroprotective effect of the medicinal plant <i>Grewia tiliaefolia</i> â€” An <i>in vitro</i> and <i>in silico</i> study. <i>Pharmaceutical Biology</i> , 2017, 55, 381-393.	2.9	36
116	Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> speciesâ€™”an in vitro and in vivo approach. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27254-27268.	5.3	27
117	In vitro and in vivo exploration of palmitic acid from <i>Synechococcus elongatus</i> as an antibiofilm agent on the survival of <i>Artemia franciscana</i> against virulent vibrios. <i>Journal of Invertebrate Pathology</i> , 2017, 150, 21-31.	3.2	51
118	Vanillic acid from <i>Actinidia deliciosa</i> impedes virulence in <i>Serratia marcescens</i> by affecting S-layer, flagellin and fatty acid biosynthesis proteins. <i>Scientific Reports</i> , 2017, 7, 16328.	3.3	61
119	Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 313-324.	2.9	70
120	Betulin inhibits cariogenic properties of <i>Streptococcus mutans</i> by targeting vicRK and gtf genes. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 153-165.	1.7	23
121	In vitro propagation and genetic fidelity analysis of alginate-encapsulated <i>Bacopa monnieri</i> shoot tips using <i>Gracilaria salicornia</i> extracts. <i>Journal of Applied Phycology</i> , 2017, 29, 481-494.	2.8	17
122	Exploring the Anti-quorum Sensing and Antibiofilm Efficacy of Phytol against <i>Serratia marcescens</i> Associated Acute Pyelonephritis Infection in Wistar Rats. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 498.	3.9	61
123	Antivirulent Properties of Underexplored <i>Cinnamomum tamala</i> Essential Oil and Its Synergistic Effects with DNase against <i>Pseudomonas aeruginosa</i> Biofilms â€” An In Vitro Study. <i>Frontiers in Microbiology</i> , 2017, 8, 1144.	3.5	43
124	Recent Advances in Biofilmology and Antibiofilm Measures. <i>BioMed Research International</i> , 2017, 2017, 1-2.	1.9	5
125	Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in <i>Staphylococcus epidermidis</i> RP62A. <i>Journal of Medical Microbiology</i> , 2017, 66, 1506-1515.	1.8	44
126	In Vitro and In Vivo Biofilm Characterization of Methicillin-Resistant <i>Staphylococcus aureus</i> from Patients Associated with Pharyngitis Infection. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	48

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127	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. <i>Microbiological Research</i> , 2016, 191, 19-31.	5.3	61
128	A combination of ellagic acid and tetracycline inhibits biofilm formation and the associated virulence of <i>Propionibacterium acnes</i> in vitro and in vivo. <i>Biofouling</i> , 2016, 32, 397-410.	2.2	62
129	Production of naphthoquinones and phenolics by a novel isolate <i>Fusarium solani</i> PSC-R of Palk Bay and their industrial applications. <i>Bioresource Technology</i> , 2016, 213, 289-298.	9.6	7
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258	Biodegradation and corrosion behavior of manganese oxidizer <i>Bacillus cereus</i> ACE4 in diesel transporting pipeline. Corrosion Science, 2007, 49, 2694-2710.	6.6	85
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