

Shanmugaraj Gowrishankar

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,224
citations

331538

21
h-index

395590

33
g-index

40
all docs

40
docs citations

40
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of flavonoids in autoimmune diseases: Therapeutic updates. , 2019, 194, 107-131.		113
2	Morin inhibits biofilm production and reduces the virulence of <i>Listeria monocytogenes</i> – An in vitro and in vivo approach. International Journal of Food Microbiology, 2016, 237, 73-82.	2.1	74
3	Coral-Associated Bacteria as a Promising Antibiofilm Agent against Methicillin-Resistant and -Susceptible <i>Staphylococcus aureus</i> Biofilms. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-16.	0.5	70
4	Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin-resistant <i>Staphylococcus aureus</i> . Microbial Pathogenesis, 2017, 110, 313-324.	1.3	70
5	Inhibitory efficacy of cyclo(L-leucyl-L-prolyl) from mangrove rhizosphere bacterium – <i>Bacillus amyloliquefaciens</i> (MMS-50) toward cariogenic properties of <i>Streptococcus mutans</i> . Research in Microbiology, 2014, 165, 278-289.	1.0	54
6	Polydopamine layered poly (ether imide) ultrafiltration membranes tailored with silver nanoparticles designed for better permeability, selectivity and antifouling. Journal of Industrial and Engineering Chemistry, 2019, 76, 141-149.	2.9	53
7	<i>Bacillus amyloliquefaciens</i> -secreted cyclic dipeptide – cyclo(L-leucyl-L-prolyl) inhibits biofilm and virulence production in methicillin-resistant <i>Staphylococcus aureus</i> . RSC Advances, 2015, 5, 95788-95804.	1.7	51
8	In vitro activity of alpha-mangostin in killing and eradicating <i>Staphylococcus epidermidis</i> RP62A biofilms. Applied Microbiology and Biotechnology, 2017, 101, 3349-3359.	1.7	49
9	In Vitro and In Vivo Biofilm Characterization of Methicillin-Resistant <i>Staphylococcus aureus</i> from Patients Associated with Pharyngitis Infection. BioMed Research International, 2016, 2016, 1-14.	0.9	48
10	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.	1.8	46
11	Promising phytochemicals of traditional Indian herbal steam inhalation therapy to combat COVID-19 – An in silico study. Food and Chemical Toxicology, 2021, 148, 111966.	1.8	44
12	Antivirulent Properties of Underexplored <i>Cinnamomum tamala</i> Essential Oil and Its Synergistic Effects with DNase against <i>Pseudomonas aeruginosa</i> Biofilms – An In Vitro Study. Frontiers in Microbiology, 2017, 8, 1144.	1.5	43
13	Cyclic dipeptide cyclo(L-leucyl-L-prolyl) from marine <i>Bacillus amyloliquefaciens</i> mitigates biofilm formation and virulence in <i>Listeria monocytogenes</i> . Pathogens and Disease, 2016, 74, ftw017.	0.8	41
14	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.	0.7	36
15	Highly permeable, antifouling and antibacterial poly(ether imide) membranes tailored with poly(hexamethylenebiguanide) coated copper oxide nanoparticles. Materials Chemistry and Physics, 2020, 240, 122224.	2.0	36
16	Versatility of hydrophilic and antifouling PVDF ultrafiltration membranes tailored with polyhexanide coated copper oxide nanoparticles. Polymer Testing, 2020, 84, 106367.	2.3	35
17	Emergence of methicillin-resistant, vancomycin-intermediate <i>Staphylococcus aureus</i> among patients associated with group A Streptococcal pharyngitis infection in southern India. Infection, Genetics and Evolution, 2013, 14, 383-389.	1.0	32
18	Cellulose acetate ultrafiltration membranes customized with bio-inspired polydopamine coating and in situ immobilization of silver nanoparticles. New Journal of Chemistry, 2019, 43, 4216-4225.	1.4	31

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19	Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio species</i> an in vitro and in vivo approach. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27254-27268.	2.7	27
20	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.	1.8	26
21	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.	1.3	26
22	Exploring the antivirulent and sea food preservation efficacy of essential oil combined with DNase on <i>Vibrio parahaemolyticus</i> . <i>LWT - Food Science and Technology</i> , 2018, 95, 107-115.	2.5	25
23	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.	1.4	20
24	Tanshinone IIA attenuates TNF- α induced PTX3 expression and monocyte adhesion to endothelial cells through the p38/NF- κ B pathway. <i>Food and Chemical Toxicology</i> , 2018, 121, 622-630.	1.8	19
25	In silico Screening of Natural Phytochemicals Towards Identification of Potential Lead Compounds to Treat COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 637122.	1.6	19
26	Extracted chitosan disrupts quorum sensing mediated virulence factors in Urinary tract infection causing pathogens. <i>Pathogens and Disease</i> , 2019, 77, .	0.8	18
27	Production of squalene with promising antioxidant properties in callus cultures of <i>Nilgiranthus ciliatus</i> . <i>Industrial Crops and Products</i> , 2018, 126, 357-367.	2.5	17
28	Indian Ethnomedicinal Phytochemicals as Promising Inhibitors of RNA-Binding Domain of SARS-CoV-2 Nucleocapsid Phosphoprotein: An In Silico Study. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 637329.	1.6	16
29	Marine Algae: A Potential Resource of Anti-HSV Molecules. <i>Processes</i> , 2019, 7, 887.	1.3	15
30	Marine bacterial DNase curtails virulence and disrupts biofilms of <i>Candida albicans</i> and non- <i>Candida</i> species. <i>Biofouling</i> , 2019, 35, 975-985.	0.8	12
31	Genetic diversity and phylogenetic relationship of <i>Nilgiranthus ciliatus</i> populations using ISSR and RAPD markers: Implications for conservation of an endemic and vulnerable medicinal plant. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 18, 101072.	1.5	11
32	Antimycobacterial, Enzyme Inhibition, and Molecular Interaction Studies of Psoromic Acid in <i>Mycobacterium tuberculosis</i> : Efficacy and Safety Investigations. <i>Journal of Clinical Medicine</i> , 2018, 7, 226.	1.0	10
33	Catechol thwarts virulent dimorphism in <i>Candida albicans</i> and potentiates the antifungal efficacy of azoles and polyenes. <i>Scientific Reports</i> , 2021, 11, 21049.	1.6	10
34	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.	0.8	8
35	Effects of a traditional Thai polyherbal medicine <i>Ya-Samarn-Phlae</i> ™ as a natural anti-biofilm agent against <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2019, 128, 354-362.	1.3	7
36	Influence of phosphotungstic acid in sulfonated poly (ether ether ketone)/poly (amide imide) based proton conductive membranes and its impact on the electrochemical studies of microbial fuel cell application. <i>Ionics</i> , 2020, 26, 1841-1852.	1.2	6

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37	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.	1.8	4
38	CRISPR based bacterial genome editing and removal of pathogens. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 179, 77-92.	0.9	1
39	CRISPR based development of RNA editing and the diagnostic platform. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 179, 117-159.	0.9	0