

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	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
2	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
3	Promising phytochemicals of traditional Indian herbal steam inhalation therapy to combat COVID-19 – An in silico study. <i>Food and Chemical Toxicology</i> , 2021, 148, 111966.	1.8	44
4	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
5	In silico Screening of Natural Phytocompounds Towards Identification of Potential Lead Compounds to Treat COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 637122.	1.6	19
6	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
7	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
8	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
9	Highly permeable, antifouling and antibacterial poly(ether imide) membranes tailored with poly(hexamethylenebiguanide) coated copper oxide nanoparticles. <i>Materials Chemistry and Physics</i> , 2020, 240, 122224.	2.0	36
10	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
11	Versatility of hydrophilic and antifouling PVDF ultrafiltration membranes tailored with polyhexanide coated copper oxide nanoparticles. <i>Polymer Testing</i> , 2020, 84, 106367.	2.3	35
12	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
13	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.	1.3	7
14	Polydopamine layered poly (ether imide) ultrafiltration membranes tailored with silver nanoparticles designed for better permeability, selectivity and antifouling. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 141-149.	2.9	53
15	Genetic diversity and phylogenetic relationship of <i>Nilgirianthus 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
16	Cellulose acetate ultrafiltration membranes customized with bio-inspired polydopamine coating and <i>in situ</i> immobilization of silver nanoparticles. <i>New Journal of Chemistry</i> , 2019, 43, 4216-4225.	1.4	31
17	Extracted chitosan disrupts quorum sensing mediated virulence factors in Urinary tract infection causing pathogens. <i>Pathogens and Disease</i> , 2019, 77, .	0.8	18
18	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

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19	Marine Algae: A Potential Resource of Anti-HSV Molecules. <i>Processes</i> , 2019, 7, 887.	1.3	15
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	The role of flavonoids in autoimmune diseases: Therapeutic updates. , 2019, 194, 107-131.		113
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	Effects of patchouli and cinnamon essential oils on biofilm and hyphae formation by <i>Candida</i> species. <i>Journal De Mycologie Medicale</i> , 2018, 28, 332-339.	0.7	36
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	Production of squalene with promising antioxidant properties in callus cultures of <i>Nilgirianthus ciliatus</i> . <i>Industrial Crops and Products</i> , 2018, 126, 357-367.	2.5	17
26	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
27	Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin- resistant <i>Staphylococcus aureus</i> . <i>Food and Chemical Toxicology</i> , 2018, 118, 733-744.	1.8	46
28	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
29	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.	1.7	49
30	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
31	Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 313-324.	1.3	70
32	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. <i>Frontiers in Microbiology</i> , 2017, 8, 1144.	1.5	43
33	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.	0.9	48
34	Morin inhibits biofilm production and reduces the virulence of <i>Listeria monocytogenes</i> An in vitro and in vivo approach. <i>International Journal of Food Microbiology</i> , 2016, 237, 73-82.	2.1	74
35	Cyclic dipeptide cyclo(L-leucyl-L-prolyl) from marine <i>Bacillus amyloliquefaciens</i> mitigates biofilm formation and virulence in <i>Listeria monocytogenes</i> . <i>Pathogens and Disease</i> , 2016, 74, ftw017.	0.8	41
36	<i>Bacillus amyloliquefaciens</i> -secreted cyclic dipeptide " cyclo(L-leucyl-L-prolyl) inhibits biofilm and virulence production in methicillin-resistant <i>Staphylococcus aureus</i> . <i>RSC Advances</i> , 2015, 5, 95788-95804.	1.7	51

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37	Inhibitory efficacy of cyclo(l-leucyl-l-prolyl) from mangrove rhizosphere bacterium "Bacillus amyloliquefaciens (MMS-50) toward cariogenic properties of Streptococcus mutans. Research in Microbiology, 2014, 165, 278-289.	1.0	54
38	Emergence of methicillin-resistant, vancomycin-intermediate Staphylococcus aureus among patients associated with group A Streptococcal pharyngitis infection in southern India. Infection, Genetics and Evolution, 2013, 14, 383-389.	1.0	32
39	Coral-Associated Bacteria as a Promising Antibiofilm Agent against Methicillin-Resistant and -Susceptible Staphylococcus aureus Biofilms. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-16.	0.5	70