

Saisubramanian Nagarajan

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,148
citations

448610

19
h-index

445137

33
g-index

41
all docs

41
docs citations

41
times ranked

1985
citing authors

#	ARTICLE	IF	CITATIONS
1	New tools to mitigate drug resistance in <i>Enterobacteriaceae</i> and <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . <i>Critical Reviews in Microbiology</i> , 2023, 49, 435-454.	2.7	5
2	Synthesis, antibiofilm activity and molecular docking study of new water-soluble copper(II)-pincer complexes. <i>Inorganic Chemistry Communication</i> , 2022, 139, 109316.	1.8	1
3	Metal nanoparticles functionalized with nutraceutical Kaempferitrin from edible <i>Crotalaria juncea</i> , exert potent antimicrobial and antibiofilm effects against Methicillin-resistant <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2022, 12, 7061.	1.6	14
4	Phages from Ganges River curtail in vitro biofilms and planktonic growth of drug resistant <i>Klebsiella pneumoniae</i> in a zebrafish infection model. <i>AMB Express</i> , 2021, 11, 27.	1.4	10
5	Simultaneous inhibition of MarR by salicylate and efflux pumps by curcumin sensitizes colistin resistant clinical isolates of <i>Enterobacteriaceae</i> . <i>Microbial Pathogenesis</i> , 2020, 148, 104445.	1.3	16
6	Tackling drug resistance with efflux pump inhibitors: from bacteria to cancerous cells. <i>Critical Reviews in Microbiology</i> , 2019, 45, 334-353.	2.7	41
7	Biogenic phytochemicals (cassinopin and isoquercetin) capped copper nanoparticles (ISQ/CAS@CuNPs) inhibits MRSA biofilms. <i>Microbial Pathogenesis</i> , 2019, 132, 178-187.	1.3	39
8	Ursolic acid inhibits colistin efflux and curtails colistin resistant <i>Enterobacteriaceae</i> . <i>AMB Express</i> , 2019, 9, 27.	1.4	20
9	Sub lethal levels of platinum nanoparticle cures plasmid and in combination with carbapenem, curtails carbapenem resistant <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 5305.	1.6	17
10	Restoring colistin sensitivity in colistin-resistant <i>E. coli</i> : Combinatorial use of MarR inhibitor with efflux pump inhibitor. <i>Scientific Reports</i> , 2019, 9, 19845.	1.6	28
11	Green synthesis of silver nanoparticles using <i>Nardostachys jatamansi</i> and evaluation of its anti-biofilm effect against classical colonizers. <i>Microbial Pathogenesis</i> , 2019, 126, 1-5.	1.3	23
12	Plant nutraceuticals (Quercetin and Afzelin) capped silver nanoparticles exert potent antibiofilm effect against food borne pathogen <i>Salmonella enterica</i> serovar Typhi and curtail planktonic growth in zebrafish infection model. <i>Microbial Pathogenesis</i> , 2018, 120, 109-118.	1.3	32
13	Zero valent silver nanoparticles capped with capsaicinoids containing <i>Capsicum annum</i> extract, exert potent anti-biofilm effect on food borne pathogen <i>Staphylococcus aureus</i> and curtail planktonic growth on a zebrafish infection model. <i>Microbial Pathogenesis</i> , 2018, 124, 291-300.	1.3	20
14	Ferulic acid derivative inhibits NorA efflux and in combination with ciprofloxacin curtails growth of MRSA in vitro and in vivo. <i>Microbial Pathogenesis</i> , 2018, 124, 54-62.	1.3	32
15	Self-assembly of water soluble perylene tetracarboxylic acid with metal cations: Selective fluorescence sensing of Cu ²⁺ and Pb ²⁺ ions in paper strips, zebrafish and yeast. <i>Journal of Luminescence</i> , 2018, 203, 42-49.	1.5	18
16	Norfloracin salts of carboxylic acids curtail planktonic and biofilm mode of growth in ESKAPE pathogens. <i>Journal of Applied Microbiology</i> , 2018, 124, 408-422.	1.4	9
17	L-Methionine based phenolic compound mediates unusual assembly of AgNPs and exerts efficient anti-biofilm effect. <i>RSC Advances</i> , 2016, 6, 45716-45726.	1.7	4
18	N-lauryltyramine capped copper nanoparticles exhibit a selective colorimetric response towards hazardous mercury(II) ions and display true anti-biofilm and efflux pump inhibitory effects in <i>E. coli</i> . <i>RSC Advances</i> , 2016, 6, 87513-87522.	1.7	18

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19	Dithiazole thione derivative as competitive NorA efflux pump inhibitor to curtail multi drug resistant clinical isolate of MRSA in a zebrafish infection model. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9265-9281.	1.7	26
20	Identification of benzochromene derivatives as a highly specific NorA efflux pump inhibitor to mitigate the drug resistant strains of <i>S. aureus</i> . <i>RSC Advances</i> , 2016, 6, 30258-30267.	1.7	11
21	Antimicrobial flavonoids isolated from Indian medicinal plant <i>Scutellaria oblonga</i> inhibit biofilms formed by common food pathogens. <i>Natural Product Research</i> , 2016, 30, 2002-2006.	1.0	27
22	Copper nanoparticles as an efflux pump inhibitor to tackle drug resistant bacteria. <i>RSC Advances</i> , 2015, 5, 12899-12909.	1.7	83
23	Dual role of pinostrobin-a flavonoid nutraceutical as an efflux pump inhibitor and antibiofilm agent to mitigate food borne pathogens. <i>RSC Advances</i> , 2015, 5, 61881-61887.	1.7	30
24	Uncoupling reproduction from metabolism extends chronological lifespan in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1538-47.	3.3	40
25	Optimization of the xylanase production with the newly isolated <i>Bacillus aerophilus</i> KGJ2. <i>Turkish Journal of Biochemistry</i> , 2014, 39, 70-77.	0.3	3
26	Bio-functionalized silver nanoparticles for selective colorimetric sensing of toxic metal ions and antimicrobial studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 35-42.	2.0	59
27	Synthesis of Cu ₂ O micro/nanocrystals with tunable morphologies using coordinating ligands as structure controlling agents and antimicrobial studies. <i>CrystEngComm</i> , 2014, 16, 9866-9872.	1.3	24
28	Green synthesized silver nanoparticles for selective colorimetric sensing of Hg ²⁺ in aqueous solution at wide pH range. <i>Analyst</i> , The, 2013, 138, 4370.	1.7	140
29	New Tools for Exploring "Old Friends" Microbial Lipases. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1163-1196.	1.4	76
30	Different selective pressures lead to different genomic outcomes as newly-formed hybrid yeasts evolve. <i>BMC Evolutionary Biology</i> , 2012, 12, 46.	3.2	66
31	Hunger Artists: Yeast Adapted to Carbon Limitation Show Trade-Offs under Carbon Sufficiency. <i>PLoS Genetics</i> , 2011, 7, e1002202.	1.5	121
32	Extraction of RNA from Ca ²⁺ alginate-encapsulated yeast for transcriptional profiling. <i>Analytical Biochemistry</i> , 2009, 391, 160-162.	1.1	4
33	Two Step Purification of <i>Acinetobacter</i> sp. Lipase and Its Evaluation as a Detergent Additive at Low Temperatures. <i>Applied Biochemistry and Biotechnology</i> , 2008, 150, 139-156.	1.4	15
34	Efficacy of lipase from <i>Aspergillus niger</i> as an additive in detergent formulations: a statistical approach. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 669-676.	1.4	49
35	Lipase assay in soils by copper soap colorimetry. <i>Analytical Biochemistry</i> , 2004, 330, 70-73.	1.1	25
36	Process optimized, valorized phenylpropanoid nutraceuticals of Citrus waste stabilize the zero-valent silver as effective antibiofilm agents against <i>Pseudomonas aeruginosa</i> . <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	2