

Beema Shafreen Rajamohamed

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,752
citations

394390

19
h-index

434170

31
g-index

32
all docs

32
docs citations

32
times ranked

6628
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Facile and Eco-Friendly Fabrication of Silver Nanoparticles Using <i>Nyctanthes arbor-tristis</i> Leaf Extract to Study Antibiofilm and Anticancer Properties against <i>Candida albicans</i> . <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-10. | 1.8 | 1 |
| 2 | 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 |
| 3 | In Vitro and In Silico Interaction Studies with Red Wine Polyphenols against Different Proteins from Human Serum. <i>Molecules</i> , 2021, 26, 6686. | 3.8 | 9 |
| 4 | <i>Streptomyces diastaticus</i> isolated from the marine crustacean <i>Portunus sanguinolentus</i> with potential antibiofilm activity against <i>Candida albicans</i> . <i>Archives of Microbiology</i> , 2020, 202, 1977-1984. | 2.2 | 4 |
| 5 | Antioxidant, quenching, electrophoretic, antifungal and structural properties of proteins and their abilities to control the quality of <i>Amaranthus</i> industrial products. <i>Food Control</i> , 2020, 115, 107276. | 5.5 | 1 |
| 6 | Binding and potential antibiofilm activities of <i>Amaranthus</i> proteins against <i>Candida albicans</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110479. | 5.0 | 4 |
| 7 | Modulatory effects of Amukkara Choornam on <i>Candida albicans</i> biofilm: in vitro and in vivo study. <i>Molecular Biology Reports</i> , 2019, 46, 2961-2969. | 2.3 | 5 |
| 8 | Assessment of antioxidant, anticholinesterase and antiamyloidogenic effect of <i>Terminalia chebula</i> , <i>Terminalia arjuna</i> and its bioactive constituent 7-Methyl gallic acid – An in vitro and in silico studies. <i>Journal of Molecular Liquids</i> , 2018, 257, 69-81. | 4.9 | 25 |
| 9 | Human serum interactions with phenolic and aroma substances of Kaffir (<i>Citrus hystrix</i>) and Key lime (<i>Citrus aurantifolia</i>) juices. <i>Journal of Luminescence</i> , 2018, 201, 115-122. | 3.1 | 15 |
| 10 | <i>Grewia tiliaefolia</i> and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro-2a cells from glutamate toxicity. <i>Life Sciences</i> , 2018, 203, 233-241. | 4.3 | 24 |
| 11 | Quality of limes juices based on the aroma and antioxidant properties. <i>Food Control</i> , 2018, 89, 270-279. | 5.5 | 24 |
| 12 | An in vitro and in silico identification of antibiofilm small molecules from seawater metaclone SWMC166 against <i>Vibrio cholerae</i> O1. <i>Molecular and Cellular Probes</i> , 2018, 39, 14-24. | 2.1 | 5 |
| 13 | Inhibitory Effect of Biosynthesized Silver Nanoparticles from Extract of <i>Nitzschia palea</i> Against Curli-Mediated Biofilm of <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 1351-1361. | 2.9 | 32 |
| 14 | Interaction of human serum albumin with volatiles and polyphenols from some berries. <i>Food Hydrocolloids</i> , 2017, 72, 297-303. | 10.7 | 19 |
| 15 | Cholinesterase inhibitory, anti-amyloidogenic and neuroprotective effect of the medicinal plant <i>Grewia tiliaefolia</i> – An in vitro and in silico study. <i>Pharmaceutical Biology</i> , 2017, 55, 381-393. | 2.9 | 36 |
| 16 | Neuroprotective effect of the marine macroalga <i>Gelidiella acerosa</i> : identification of active compounds through bioactivity-guided fractionation. <i>Pharmaceutical Biology</i> , 2016, 54, 2073-2081. | 2.9 | 30 |
| 17 | An in silico, in vitro and in vivo investigation of indole-3-carboxaldehyde identified from the seawater bacterium <i>Marinomonas</i> sp. as an anti-biofilm agent against <i>Vibrio cholerae</i> O1. <i>Biofouling</i> , 2016, 32, 439-450. | 2.2 | 21 |
| 18 | Essential oils from commercial and wild Patchouli modulate Group A Streptococcal biofilms. <i>Industrial Crops and Products</i> , 2015, 69, 180-186. | 5.2 | 21 |

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|----|--|------|-----------|
| 19 | Usnic acid inhibits biofilm formation and virulent morphological traits of <i>Candida albicans</i> . <i>Microbiological Research</i> , 2015, 179, 20-28. | 5.3 | 92 |
| 20 | Usnic acid, a lichen secondary metabolite inhibits Group A <i>Streptococcus</i> biofilms. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 263-272. | 1.7 | 32 |
| 21 | <i>In silico</i> and <i>in vitro</i> studies of cinnamaldehyde and their derivatives against LuxS in <i>Streptococcus pyogenes</i> : effects on biofilm and virulence genes. <i>Journal of Molecular Recognition</i> , 2014, 27, 106-116. | 2.1 | 41 |
| 22 | Ligand-based pharmacophore modelling and screening of DNA minor groove binders targeting <i>Staphylococcus aureus</i> . <i>Journal of Molecular Recognition</i> , 2014, 27, 429-437. | 2.1 | 6 |
| 23 | Inhibition of <i>Candida albicans</i> virulence factors by novel levofloxacin derivatives. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6775-6785. | 3.6 | 45 |
| 24 | Molecular modeling and simulation of FabG, an enzyme involved in the fatty acid pathway of <i>Streptococcus pyogenes</i> . <i>Journal of Molecular Graphics and Modelling</i> , 2013, 45, 1-12. | 2.4 | 12 |
| 25 | Exploration of fluoroquinolone resistance in <i>Streptococcus pyogenes</i> : comparative structure analysis of wild-type and mutant DNA gyrase. <i>Journal of Molecular Recognition</i> , 2013, 26, 276-285. | 2.1 | 28 |
| 26 | Biofilm formation by <i>Streptococcus pyogenes</i> : Modulation of exopolysaccharide by fluoroquinolone derivatives. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 345-350. | 2.2 | 31 |
| 27 | Synthesis and <i>in vitro</i> antimicrobial evaluation of novel fluoroquinolone derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 6101-6105. | 5.5 | 38 |
| 28 | Human Protein Reference Database--2009 update. <i>Nucleic Acids Research</i> , 2009, 37, D767-D772. | 14.5 | 2,882 |
| 29 | Human Proteinpedia: a unified discovery resource for proteomics research. <i>Nucleic Acids Research</i> , 2009, 37, D773-D781. | 14.5 | 75 |
| 30 | Protective effect of silymarin on erythrocyte haemolysate against benzo(a)pyrene and exogenous reactive oxygen species (H ₂ O ₂) induced oxidative stress. <i>Chemosphere</i> , 2007, 68, 1511-1518. | 8.2 | 60 |
| 31 | Silymarin Protection against Major Reactive Oxygen Species Released by Environmental Toxins: Exogenous H ₂ O ₂ Exposure in Erythrocytes. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 100, 414-419. | 2.5 | 65 |