

Vinoth Rajendran

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

551
citations

686830

13
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and Characterization of a Novel and Robust L-Asparaginase Having Low-Glutaminase Activity from <i>Bacillus licheniformis</i> : In Vitro Evaluation of Anti-Cancerous Properties. <i>PLoS ONE</i> , 2014, 9, e99037.	1.1	125
2	Stearylamine Liposomal Delivery of Monensin in Combination with Free Artemisinin Eliminates Blood Stages of <i>Plasmodium falciparum</i> in Culture and <i>P. berghei</i> Infection in Murine Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1304-1318.	1.4	49
3	Synthesis and Antimalarial Evaluation of [1,4,5-triazole]-2-ylmethyl Sulfonamide-Berberine Hybrids. <i>ChemistrySelect</i> , 2018, 3, 9790-9793.	0.7	45
4	Enhanced efficacy of anti-miR-191 delivery through stearylamine liposome formulation for the treatment of breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2017, 530, 387-400.	2.6	42
5	Design, synthesis and biological evaluation of functionalized phthalimides: A new class of antimalarials and inhibitors of falcipain-2, a major hemoglobinase of malaria parasite. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1817-1827.	1.4	41
6	Cell mediated immune response after challenge in Omp25 liposome immunized mice contributes to protection against virulent <i>Brucella abortus</i> 544. <i>Vaccine</i> , 2013, 31, 1231-1237.	1.7	39
7	Lipid-based nanocarriers for delivery of small interfering RNA for therapeutic use. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 142, 105159.	1.9	35
8	Protective effect of galangin against dextran sulfate sodium (DSS)-induced ulcerative colitis in Balb/c mice. <i>Inflammation Research</i> , 2019, 68, 691-704.	1.6	34
9	Hydroxyethylamine Based Phthalimides as New Class of Plasmeprin Hits: Design, Synthesis and Antimalarial Evaluation. <i>PLoS ONE</i> , 2015, 10, e0139347.	1.1	24
10	Antiplasmodial activity of hydroxyethylamine analogs: Synthesis, biological activity and structure activity relationship of plasmeprin inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3837-3844.	1.4	17
11	Fast-Acting Small Molecules Targeting Malarial Aspartyl Proteases, Plasmeprins, Inhibit Malaria Infection at Multiple Life Stages. <i>ACS Infectious Diseases</i> , 2019, 5, 184-198.	1.8	16
12	Chemotherapeutic Potential of Monensin as an Anti-microbial Agent. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 1976-1986.	1.0	15
13	Synthesis, characterization, and antiplasmodial efficacy of sulfonamide-appended [1,2,3]-triazoles. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1625-1636.	1.4	14
14	Improved efficacy of doxycycline in liposomes against <i>Plasmodium falciparum</i> in culture and <i>Plasmodium berghei</i> infection in mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 1145-1152.	0.7	12
15	Synergistic blending of high-valued heterocycles inhibits growth of <i>Plasmodium falciparum</i> in culture and <i>P. berghei</i> infection in mouse model. <i>Scientific Reports</i> , 2017, 7, 6724.	1.6	11
16	Multistage antiplasmodial activity of hydroxyethylamine compounds, <i>in vitro</i> and <i>in vivo</i> evaluations. <i>RSC Advances</i> , 2020, 10, 35516-35530.	1.7	7
17	Preclinical Evidence of Nanomedicine Formulation to Target <i>Mycobacterium tuberculosis</i> at Its Bone Marrow Niche. <i>Pathogens</i> , 2020, 9, 372.	1.2	6
18	Combinatorial Effects of Monensin in Liposome Formulations with Antimalarial Drugs Against Blood Stages of <i>Plasmodium falciparum</i> in Culture and <i>P. berghei</i> Infection. <i>Current Drug Therapy</i> , 2018, 13, 74-82.	0.2	5

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19	Assessment of Anti-Plasmodial Activity of Non-Hemolytic, Non-Immunogenic, Non-Toxic Antimicrobial Peptides (AMPs LR14) Produced by <i>Lactobacillus plantarum</i> LR/14. <i>Drugs in R and D</i> , 2014, 14, 95-103.	1.1	4
20	Synthesis and Evaluation of Antiplasmodial Activity of 2,2,2-Trifluoroethoxychalcones and 2-Fluoroethoxy Chalcones against <i>Plasmodium falciparum</i> in Culture. <i>Molecules</i> , 2018, 23, 1174.	1.7	4
21	Mammalian host microRNA response to plasmodial infection: role as therapeutic target and potential biomarker. <i>Parasitology Research</i> , 2021, 120, 3341-3353.	0.6	3
22	A comprehensive review on classifying fast-acting and slow-acting antimalarial agents based on time of action and target organelle of <i>Plasmodium</i> sp. <i>Pathogens and Disease</i> , 2022, 80, .	0.8	2
23	The Multistage Antimalarial Compound Calxinin Perturbates <i>P. falciparum</i> Ca ²⁺ Homeostasis by Targeting a Unique Ion Channel. <i>Pharmaceutics</i> , 2022, 14, 1371.	2.0	1