Rajeshwara N Achur

List of Publications by Year
in descending order

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50 papers	1,502 citations	331538 21 h-index	315616 38 g-index
50 all docs	50 docs citations	50 times ranked	1595 citing authors

#	Article	IF	Citations
1	Synthesis and anticancer screening of some novel Pd-catalysed 3-methyl indole based analogues on Mia PaCa-2 cell line. Journal of Molecular Structure, 2022, 1264, 133211.	1.8	6
2	Acquired antibody responses against merozoite surface protein-119 antigen during Plasmodium falciparum and P.vivax infections in South Indian city of Mangaluru. Journal of Parasitic Diseases, 2021, 45, 176-190.	0.4	4
3	Molecular mechanism of Escherichia coli H10407 induced diarrhoea and its control through immunomodulatory action of bioactives from Simarouba amara (Aubl.). Journal of Microbiology, 2021, 59, 435-447.	1.3	3
4	Antifungal activity of Carbendazim-conjugated silver nanoparticles against anthracnose disease caused by Colletotrichum gloeosporioides in mango. Journal of Plant Pathology, 2020, 102, 39-46.	0.6	14
5	Clinical features and haematological parameters among malaria patients in Mangaluru city area in the southwestern coastal region of India. Parasitology Research, 2020, 119, 1043-1056.	0.6	12
6	Optimized Solid-State Fermentation Medium Enhances the Multienzymes Production from Penicillium citrinum and Aspergillus clavatus. Current Microbiology, 2020, 77, 2192-2206.	1.0	16
7	In silico screening for the interaction of small molecules with their targets and evaluation of therapeutic efficacy by free online tools. European Journal of Chemistry, 2020, 11, 168-178.	0.3	1
8	Antiproliferative potential, quantitative structure-activity relationship, cheminformatic and molecular docking analysis of quinoline and benzofuran derivatives. European Journal of Chemistry, 2020, 11, 223-234.	0.3	3
9	Association between Inflammatory Cytokine Levels and Thrombocytopenia during Plasmodium falciparum and P. vivax Infections in South-Western Coastal Region of India. Malaria Research and Treatment, 2019, 2019, 1-10.	2.0	14
10	Malarial anemia among pregnant women in the south-western coastal city of Mangaluru in India. Informatics in Medicine Unlocked, 2019, 15, 100159.	1.9	6
11	Association between inflammatory cytokine levels and anemia during Plasmodium falciparum and Plasmodium vivax infections in Mangaluru: A Southwestern Coastal Region of India. Tropical Parasitology, 2019, 9, 98.	0.2	11
12	Malaria Severity in Mangaluru City in the Southwestern Coastal Region of India. American Journal of Tropical Medicine and Hygiene, 2019, 100, 275-279.	0.6	9
13	Optimization of novel halophilic lipase production by Fusarium solani strain NFCCL 4084 using palm oil mill effluent. Journal of Genetic Engineering and Biotechnology, 2018, 16, 327-334.	1.5	22
14	Screening and production of lipase from fungal organisms. Biocatalysis and Agricultural Biotechnology, 2018, 14, 241-253.	1.5	71
15	Epidemiology, drug resistance, and pathophysiology ofPlasmodium vivaxmalaria. Journal of Vector Borne Diseases, 2018, 55, 1.	0.1	66
16	Presence of novel triple mutations in the pvdhfr from Plasmodium vivax in Mangaluru city area in the southwestern coastal region of India. Malaria Journal, 2018, 17, 167.	0.8	11
17	Drug resistance genes: pvcrt-o and pvmdr-1 polymorphism in patients from malaria endemic South Western Coastal Region of India. Malaria Journal, 2018, 17, 40.	0.8	20
18	A novel halophilic extracellular lipase with both hydrolytic and synthetic activities. Biocatalysis and Agricultural Biotechnology, 2017, 12, 125-130.	1.5	11

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19	Malaria prevalence in Mangaluru city area in the southwestern coastal region of India. Malaria Journal, 2017, 16, 492.	0.8	27
20	Malaria Transmission Under an Unusual Circumstance Causing Death in Two Siblings. American Journal of Tropical Medicine and Hygiene, 2016, 95, 155-157.	0.6	1
21	Synthesis of new pyrazole-triazole hybrids by click reaction using a green solvent and evaluation of their antitubercular and antibacterial activity. Research on Chemical Intermediates, 2016, 42, 3721-3741.	1.3	22
22	Indian scorpions collected in Karnataka: maintenance in captivity, venom extraction and toxicity studies. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 51.	0.8	12
23	Synthesis and biological evaluation of new imidazo[2,1-b][1,3,4]thiadiazole-benzimidazole derivatives. European Journal of Medicinal Chemistry, 2015, 95, 49-63.	2.6	74
24	Subdural haematoma in Plasmodium falciparum and Plasmodium vivax mixed infection presenting multiple clinical complications. Journal of Medical Microbiology, 2013, 62, 1902-1904.	0.7	1
25	Circulating Cytokines as Biomarkers of Alcohol Abuse and Alcoholism. Journal of NeuroImmune Pharmacology, 2010, 5, 83-91.	2.1	161
26	Dual stage synthesis and crucial role of cytoadherence-linked asexual gene 9 in the surface expression of malaria parasite var proteins. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16643-16648.	3.3	28
27	Plasmodium falciparum adhesive protein that mediates sequestration of parasiteâ€infected red blood in human placenta and cause pregnancy specific malaria. FASEB Journal, 2009, 23, 694.1.	0.2	0
28	Binding affinity of Plasmodium falciparum-infected erythrocytes from infected placentas and laboratory selected strains to chondroitin 4-sulfate. Molecular and Biochemical Parasitology, 2008, 159, 79-84.	0.5	1
29	Structural Interactions in Chondroitin 4-Sulfate Mediated Adherence of Plasmodium falciparum Infected Erythrocytes in Human Placenta during Pregnancy-Associated Malaria. Biochemistry, 2008, 47, 12635-12643.	1.2	27
30	Developmental Stage- and Cell Cycle Number-Dependent Changes in Characteristics of Plasmodium falciparum -Infected Erythrocyte Adherence to Placental Chondroitin-4-Sulfate Proteoglycan. Infection and Immunity, 2007, 75, 4409-4415.	1.0	9
31	Structural Basis for the Adherence of Plasmodium falciparum-infected Erythrocytes to Chondroitin 4-Sulfate and Design of Novel Photoactivable Reagents for the Identification of Parasite Adhesive Proteins. Journal of Biological Chemistry, 2007, 282, 916-928.	1.6	24
32	Chondroitin Sulfate Proteoglycan but Not Hyaluronic Acid Is the Receptor for the Adherence of Plasmodium falciparum-Infected Erythrocytes in Human Placenta, and Infected Red Blood Cell Adherence Up-Regulates the Receptor Expression. American Journal of Pathology, 2007, 170, 1989-2000.	1.9	48
33	The effect of substitution of the N-acetyl groups of N-acetylgalactosamine residues in chondroitin sulfate on its degradation by chondroitinase ABC. Glycoconjugate Journal, 2007, 24, 465-473.	1.4	3
34	Rat Spongiotrophoblast-specific Protein Is Predominantly a Unique Low Sulfated Chondroitin Sulfate Proteoglycan. Journal of Biological Chemistry, 2006, 281, 32327-32334.	1.6	6
35	The glycophorin C N-linked glycan is a critical component of the ligand for thePlasmodium falciparumerythrocyte receptor BAEBL. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2358-2362.	3.3	62
36	Identification of Plasmodium falciparum Protein That Mediates the Adherence of Infected Red Blood Cells to Placental Chondroitin Sulfate Receptor. FASEB Journal, 2006, 20, A913.	0.2	0

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37	Structural characterization of the bovine tracheal chondroitin sulfate chains and binding of Plasmodium falciparum-infected erythrocytes. Glycobiology, 2004, 14, 635-645.	1.3	25
38	Chondroitin sulfate proteoglycans of the endothelia of human umbilical vein and arteries and assessment for the adherence of Plasmodium falciparum-infected erythrocytes. Molecular and Biochemical Parasitology, 2004, 134, 115-126.	0.5	7
39	Plasmodium falciparum: adherence of the parasite-infected erythrocytes to chondroitin sulfate proteoglycans bearing structurally distinct chondroitin sulfate chains. Experimental Parasitology, 2004, 107, 183-188.	0.5	11
40	Chondroitin sulfate proteoglycans of bovine cornea: structural characterization and assessment for the adherence of Plasmodium falciparum-infected erythrocytes. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1701, 109-119.	1.1	20
41	Characterization of chondroitin sulfate and dermatan sulfate proteoglycans of extracellular matrices of human umbilical cord blood vessels and Wharton's jelly. Glycoconjugate Journal, 2004, 21, 361-375.	1.4	25
42	Plasmodium falciparum-Infected Erythrocytes Adhere Both in the Intervillous Space and on the Villous Surface of Human Placenta by Binding to the Low-Sulfated Chondroitin Sulfate Proteoglycan Receptor. American Journal of Pathology, 2004, 164, 2013-2025.	1.9	79
43	Unusually Low-Sulfated Chondroitin 4-Sulfate of Human Placenta and Its Role in Placental Malaria. Trends in Glycoscience and Glycotechnology, 2004, 16, 407-420.	0.0	5
44	Chondroitin Sulfate Proteoglycan Expression and Binding of Plasmodium falciparum -Infected Erythrocytes in the Human Placenta during Pregnancy. Infection and Immunity, 2003, 71, 2455-2461.	1.0	32
45	The Low Sulfated Chondroitin Sulfate Proteoglycans of Human Placenta Have Sulfate Group-clustered Domains That Can Efficiently Bind Plasmodium falciparum-infected Erythrocytes. Journal of Biological Chemistry, 2003, 278, 11705-11713.	1.6	65
46	Plasmodium falciparum Cytoadherence to Human Placenta: Evaluation of Hyaluronic Acid and Chondroitin 4-Sulfate for Binding of Infected Erythrocytes. Experimental Parasitology, 2001, 99, 57-65.	0.5	21
47	Gravidity-Dependent Production of Antibodies That Inhibit Binding of Plasmodium falciparum -Infected Erythrocytes to Placental Chondroitin Sulfate Proteoglycan during Pregnancy. Infection and Immunity, 2001, 69, 7487-7492.	1.0	141
48	Characterization of Proteoglycans of Human Placenta and Identification of Unique Chondroitin Sulfate Proteoglycans of the Intervillous Spaces That Mediate the Adherence ofPlasmodium falciparum-infected Erythrocytes to the Placenta. Journal of Biological Chemistry, 2000, 275, 40344-40356.	1.6	157
49	Structural Requirements for the Adherence ofPlasmodium falciparum-infected Erythrocytes to Chondroitin Sulfate Proteoglycans of Human Placenta. Journal of Biological Chemistry, 2000, 275, 40357-40364.	1.6	107
50	Studies on decolourisation of azo dye Orange G by bacterium isolated from dye contaminated sites. International Journal of Environmental Analytical Chemistry, 0, , 1-17.	1.8	1