

# Rajagopal Ayana

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

171  
citations

1162367

8  
h-index

1199166

12  
g-index

17  
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17  
docs citations

17  
times ranked

227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Neuroregeneration and Neurorepair in an Aging Context: The Power of a Teleost Model. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 619197.	1.8	13
2	Aging impairs the essential contributions of non- $\mu$ glial progenitors to neurorepair in the dorsal telencephalon of the Killifish <i>Notobranchius furzeri</i> . <i>Aging Cell</i> , 2021, 20, e13464.	3.0	22
3	Plasmodium Perforin-Like Protein Pores on the Host Cell Membrane Contribute in Its Multistage Growth and Erythrocyte Senescence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 121.	1.8	12
4	Enhanced uptake, high selective and microtubule disrupting activity of carbohydrate fused pyrano-pyranones derived from natural coumarins attributes to its anti-malarial potential. <i>Malaria Journal</i> , 2019, 18, 346.	0.8	9
5	Identification and functional characterization of a bacterial homologue of Zeta toxin in <i>Leishmania donovani</i> . <i>FEBS Letters</i> , 2019, 593, 1223-1235.	1.3	10
6	Design and synthesis of imidazolidinone derivatives as potent anti-leishmanial agents by bioisosterism. <i>Archiv Der Pharmazie</i> , 2019, 352, 1800290.	2.1	10
7	A small bioactive glycoside inhibits epsilon toxin and protects host cell death. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	6
8	Benzoxazine derivatives of phytophenols show anti-plasmodial activity via sodium homeostasis disruption. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1629-1637.	1.0	17
9	Identification and Characterization of a Novel Palmitoyl Acyltransferase as a Druggable Rheostat of Dynamic Palmitoylome in <i>L. donovani</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 186.	1.8	6
10	Deconvolution of Human Brain Cell Type Transcriptomes Unraveled Microglia-Specific Potential Biomarkers. <i>Frontiers in Neurology</i> , 2018, 9, 266.	1.1	9
11	Decoding Crucial LncRNAs Implicated in Neurogenesis and Neurological Disorders. <i>Stem Cells and Development</i> , 2017, 26, 541-553.	1.1	16
12	Novel $\beta$ -carboline-quinazolinone hybrids disrupt <i>Leishmania donovani</i> redox homeostasis and show promising antileishmanial activity. <i>Biochemical Pharmacology</i> , 2017, 129, 26-42.	2.0	24
13	Structural insights into a key carotenogenesis related enzyme phytoene synthase of <i>P. falciparum</i> : a novel drug target for malaria. <i>Systems and Synthetic Biology</i> , 2015, 9, 27-37.	1.0	3