

# Navaneethan Palanisamy

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

439  
citations

933410

10  
h-index

752679

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of baseline polymorphisms for potential resistance to NS3 protease inhibitors in Hepatitis C virus genotypes 1a, 2b and 3a. <i>Antiviral Research</i> , 2013, 99, 12-17.	4.1	62
2	Evaluation of Sofosbuvir (2'-D-2-deoxy-2-fluoro-2-C-methyluridine) as an inhibitor of Dengue virus replication. <i>Scientific Reports</i> , 2017, 7, 6345.	3.3	58
3	Influenza A Virus Encoding Secreted Gaussia Luciferase as Useful Tool to Analyze Viral Replication and Its Inhibition by Antiviral Compounds and Cellular Proteins. <i>PLoS ONE</i> , 2014, 9, e97695.	2.5	50
4	A Multicolor Large Stokes Shift Fluorogen-Activating RNA Aptamer with Cationic Chromophores. <i>Chemistry - A European Journal</i> , 2019, 25, 1931-1935.	3.3	44
5	Engineering AraC to make it responsive to light instead of arabinose. <i>Nature Chemical Biology</i> , 2021, 17, 817-827.	8.0	40
6	Prevalence of polymorphisms with significant resistance to NS5A inhibitors in treatment-naïve patients with hepatitis C virus genotypes 1a and 3a in Sweden. <i>Infectious Diseases</i> , 2015, 47, 555-562.	2.8	34
7	Split intein-mediated selection of cells containing two plasmids using a single antibiotic. <i>Nature Communications</i> , 2019, 10, 4967.	12.8	20
8	Worldwide Prevalence of Baseline Resistance-Associated Polymorphisms and Resistance Mutations in HCV against Current Direct-Acting Antivirals. <i>Antiviral Therapy</i> , 2018, 23, 485-493.	1.0	15
9	Targeting the NS2B-NS3 protease of tick-borne encephalitis virus with pan-flaviviral protease inhibitors. <i>Antiviral Research</i> , 2021, 190, 105074.	4.1	12
10	Computational Prediction of Usutu Virus E Protein B Cell and T Cell Epitopes for Potential Vaccine Development. <i>Scandinavian Journal of Immunology</i> , 2017, 85, 350-364.	2.7	10
11	Effect of the baseline Y93H resistance-associated substitution in HCV genotype 3 for direct-acting antiviral treatment: real-life experience from a multicenter study in Sweden and Norway. <i>Scandinavian Journal of Gastroenterology</i> , 2019, 54, 1042-1050.	1.5	10
12	Deleterious single nucleotide polymorphisms of protein kinase R identified by the computational approach. <i>Molecular Immunology</i> , 2018, 101, 65-73.	2.2	9
13	Identification of a C2-symmetric diol based human immunodeficiency virus protease inhibitor targeting Zika virus NS2B-NS3 protease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5526-5536.	3.5	9
14	Global Prevalence of Adaptive and Prolonged Infections™ Mutations in the Receptor-Binding Domain of the SARS-CoV-2 Spike Protein. <i>Viruses</i> , 2021, 13, 1974.	3.3	9
15	Does antiretroviral treatment change HIV-1 codon usage patterns in its genes: a preliminary bioinformatics study. <i>AIDS Research and Therapy</i> , 2017, 14, 2.	1.7	8
16	Protein backbone flexibility pattern is evolutionarily conserved in the Flaviviridae family: A case of NS3 protease in Flavivirus and Hepacivirus. <i>Molecular Phylogenetics and Evolution</i> , 2018, 118, 58-63.	2.7	8
17	SYBR Green II Dye-Based Real-Time Assay for Measuring Inhibitor Activity Against HIV-1 Reverse Transcriptase. <i>Molecular Biotechnology</i> , 2016, 58, 619-625.	2.4	7
18	C-terminal eYFP fusion impairs <i>Escherichia coli</i> MinE function. <i>Open Biology</i> , 2020, 10, 200010.	3.6	7

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19	Nutritional status of children in rural India: a case study from Tamil Nadu, first in the world to initiate the Mid-Day Meal scheme. <i>Health</i> , 2011, 03, 647-655.	0.3	7
20	Baseline dasabuvir resistance in Hepatitis C virus from the genotypes 1, 2 and 3 and modeling of the NS5B-dasabuvir complex by their silicoapproach. <i>Infection Ecology and Epidemiology</i> , 2018, 8, 1528117.	0.8	5
21	Comparative genome analysis of Alkhumra hemorrhagic fever virus with Kyasanur forest disease and tick-borne encephalitis viruses by the in silico approach. <i>Pathogens and Global Health</i> , 2018, 112, 210-226.	2.3	5
22	Transmission of hepatitis C virus among intravenous drug users in the Uppsala region of Sweden. <i>Infection Ecology and Epidemiology</i> , 2014, 4, 22251.	0.8	3
23	Biophysical Studies on HCV 1a NS3/4A Protease and Its Catalytic Triad in Wild Type and Mutants by the In Silico Approach. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2018, 10, 143-156.	3.6	3
24	Identification of putative drug targets and annotation of unknown proteins in <i>Tropheryma whipplei</i> . <i>Computational Biology and Chemistry</i> , 2018, 76, 130-138.	2.3	2
25	Expanding the SiMPI Plasmid Toolbox for Use with Spectinomycin/Streptomycin. <i>ACS Omega</i> , 2021, 6, 14148-14153.	3.5	1