

Margus Varjak

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,647
citations

516215

16
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

3016
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational analysis of <i>Aedes aegypti</i> Dicer 2 provides insights into the biogenesis of antiviral exogenous small interfering RNAs. <i>PLoS Pathogens</i> , 2022, 18, e1010202.	2.1	6
2	Mosquito saliva enhances virus infection through sialokinin-dependent vascular leakage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	16
3	A plasmid DNA-launched SARS-CoV-2 reverse genetics system and coronavirus toolkit for COVID-19 research. <i>PLoS Biology</i> , 2021, 19, e3001091.	2.6	163
4	Analysis of Zika virus capsid- <i>Aedes aegypti</i> mosquito interactome reveals pro-viral host factors critical for establishing infection. <i>Nature Communications</i> , 2021, 12, 2766.	5.8	19
5	An <i>Aedes aegypti</i> -Derived Ago2 Knockout Cell Line to Investigate Arbovirus Infections. <i>Viruses</i> , 2021, 13, 1066.	1.5	10
6	Sugar feeding protects against arboviral infection by enhancing gut immunity in the mosquito vector <i>Aedes aegypti</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009870.	2.1	23
7	A prenylated dsRNA sensor protects against severe COVID-19. <i>Science</i> , 2021, 374, eabj3624.	6.0	124
8	Generation of a reporter yellow fever virus for high throughput antiviral assays. <i>Antiviral Research</i> , 2020, 183, 104939.	1.9	14
9	aBravo Is a Novel <i>Aedes aegypti</i> Antiviral Protein That Interacts with, but Acts Independently of, the Exogenous siRNA Pathway Effector Dicer 2. <i>Viruses</i> , 2020, 12, 748.	1.5	5
10	Glucose-Regulated Protein 78 Interacts with Zika Virus Envelope Protein and Contributes to a Productive Infection. <i>Viruses</i> , 2020, 12, 524.	1.5	14
11	The <i>Aedes aegypti</i> Domino Ortholog p400 Regulates Antiviral Exogenous Small Interfering RNA Pathway Activity and <i>ago-2</i> Expression. <i>MSphere</i> , 2020, 5, .	1.3	12
12	Pan-viral protection against arboviruses by activating skin macrophages at the inoculation site. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	25
13	Antiviral RNA Interference Activity in Cells of the Predatory Mosquito, <i>Toxorhynchites amboinensis</i> . <i>Viruses</i> , 2018, 10, 694.	1.5	7
14	Spindle-E Acts Antivirally Against Alphaviruses in Mosquito Cells. <i>Viruses</i> , 2018, 10, 88.	1.5	29
15	Mutation of CD2AP and SH3KBP1 Binding Motif in Alphavirus nsP3 Hypervariable Domain Results in Attenuated Virus. <i>Viruses</i> , 2018, 10, 226.	1.5	37
16	The antiviral piRNA response in mosquitoes?. <i>Journal of General Virology</i> , 2018, 99, 1551-1562.	1.3	38
17	<i>Aedes aegypti</i> Piwi4 Is a Noncanonical PIWI Protein Involved in Antiviral Responses. <i>MSphere</i> , 2017, 2, .	1.3	92
18	Differential effects of lipid biosynthesis inhibitors on Zika and Semliki Forest viruses. <i>Veterinary Journal</i> , 2017, 230, 62-64.	0.6	8

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19	Characterization of the Zika virus induced small RNA response in <i>Aedes aegypti</i> cells. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006010.	1.3	76
20	<i>Wolbachia</i> Blocks Viral Genome Replication Early in Infection without a Transcriptional Response by the Endosymbiont or Host Small RNA Pathways. <i>PLoS Pathogens</i> , 2016, 12, e1005536.	2.1	79
21	A human genome-wide loss-of-function screen identifies effective chikungunya antiviral drugs. <i>Nature Communications</i> , 2016, 7, 11320.	5.8	72
22	Full Genome Sequence and sfRNA Interferon Antagonist Activity of Zika Virus from Recife, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005048.	1.3	193
23	Magnetic Fractionation and Proteomic Dissection of Cellular Organelles Occupied by the Late Replication Complexes of Semliki Forest Virus. <i>Journal of Virology</i> , 2013, 87, 10295-10312.	1.5	52
24	Phenoloxidase Activity Acts as a Mosquito Innate Immune Response against Infection with Semliki Forest Virus. <i>PLoS Pathogens</i> , 2012, 8, e1002977.	2.1	119
25	Sequestration of G3BP coupled with efficient translation inhibits stress granules in Semliki Forest virus infection. <i>Molecular Biology of the Cell</i> , 2012, 23, 4701-4712.	0.9	148
26	Inhibitors of Alphavirus Entry and Replication Identified with a Stable Chikungunya Replicon Cell Line and Virus-Based Assays. <i>PLoS ONE</i> , 2011, 6, e28923.	1.1	219
27	Novel Functions of the Alphavirus Nonstructural Protein nsP3 C-Terminal Region. <i>Journal of Virology</i> , 2010, 84, 2352-2364.	1.5	38