

# Vinod R M T Balasubramaniam

## List of Publications by Year in descending order

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30  
papers

1,701  
citations

686830

13  
h-index

454577

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Mann-Whitney U test on large-scale genetic variation data for analysing malaria genetic markers. <i>Malaria Journal</i> , 2022, 21, 79.	0.8	14
2	Zika Virus Neuropathogenesis: The Different Brain Cells, Host Factors and Mechanisms Involved. <i>Frontiers in Immunology</i> , 2022, 13, 773191.	2.2	11
3	Host Molecules Regulating Neural Invasion of Zika Virus and Drug Repurposing Strategy. <i>Frontiers in Microbiology</i> , 2022, 13, 743147.	1.5	11
4	Finding a chink in the armor: Update, limitations, and challenges toward successful antivirals against flaviviruses. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010291.	1.3	11
5	Chemotherapeutic Role of Polyphenols Present in <i>Ocimum sanctum</i> . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 3325-3342.	0.9	5
6	Gestational Diabetes Mellitus in Southeast Asia: A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1272.	1.2	16
7	Hyperinflammatory Immune Response and COVID-19: A Double Edged Sword. <i>Frontiers in Immunology</i> , 2021, 12, 742941.	2.2	81
8	Hide and Seek: The Interplay Between Zika Virus and the Host Immune Response. <i>Frontiers in Immunology</i> , 2021, 12, 750365.	2.2	16
9	The Modulation of Gut Microbiota Composition in the Pathophysiology of Gestational Diabetes Mellitus: A Systematic Review. <i>Biology</i> , 2021, 10, 1027.	1.3	12
10	Gut Microbiota and Epilepsy: A Systematic Review on Their Relationship and Possible Therapeutics. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3488-3498.	1.7	26
11	Degradation of MicroRNA miR-466d-3p by Japanese Encephalitis Virus NS3 Facilitates Viral Replication and Interleukin-1 $\beta$ Expression. <i>Journal of Virology</i> , 2020, 94, .	1.5	11
12	Importance of Zika Virus NS5 Protein for Viral Replication. <i>Pathogens</i> , 2019, 8, 169.	1.2	22
13	Enlightening the role of high mobility group box 1 (HMGB1) in inflammation: Updates on receptor signalling. <i>European Journal of Pharmacology</i> , 2019, 858, 172487.	1.7	134
14	Viral Fitness Landscapes in Diverse Host Species Reveal Multiple Evolutionary Lines for the NS1 Gene of Influenza A Viruses. <i>Cell Reports</i> , 2019, 29, 3997-4009.e5.	2.9	13
15	Zika Virus as Oncolytic Therapy for Brain Cancer: Myth or Reality?. <i>Frontiers in Microbiology</i> , 2019, 10, 2715.	1.5	12
16	Zika Virus Alters DNA Methylation of Neural Genes in an Organoid Model of the Developing Human Brain. <i>MSystems</i> , 2018, 3, .	1.7	53
17	Comparative Flavivirus-Host Protein Interaction Mapping Reveals Mechanisms of Dengue and Zika Virus Pathogenesis. <i>Cell</i> , 2018, 175, 1931-1945.e18.	13.5	252
18	Analysis of Angiotensin Converting Enzyme, Endothelial Nitric Oxide Synthase & Serotonin Gene Polymorphisms among Atrial Septal Defect Subjects with and without Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 48.	0.8	3

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19	Identification of Differentially Expressed Genes in BALB/c Mouse Liver upon Primary Infection with DENV1 and Sequential Heterologous Infection with DENV2. <i>Pathogens</i> , 2018, 7, 78.	1.2	1
20	Viral Determinants and Vector Competence of Zika Virus Transmission. <i>Frontiers in Microbiology</i> , 2018, 9, 1040.	1.5	20
21	Systems-based analysis of RIG-I-dependent signalling identifies KHSRP as an inhibitor of RIG-I receptor activation. <i>Nature Microbiology</i> , 2017, 2, 17022.	5.9	25
22	Interaction of Recombinant <i>Gallus gallus</i> SEPT5 and Brain Proteins of H5N1-Avian Influenza Virus-Infected Chickens. <i>Proteomes</i> , 2017, 5, 23.	1.7	5
23	Detection and genetic characterization of canine astroviruses in pet dogs in Guangxi, China. <i>Virology Journal</i> , 2017, 14, 156.	1.4	18
24	A novel Zika virus mouse model reveals strain specific differences in virus pathogenesis and host inflammatory immune responses. <i>PLoS Pathogens</i> , 2017, 13, e1006258.	2.1	200
25	Zika Virus Targets Human STAT2 to Inhibit Type I Interferon Signaling. <i>Cell Host and Microbe</i> , 2016, 19, 882-890.	5.1	658
26	Protein-protein interactions between <i>A. aegypti</i> midgut and dengue virus 2: two-hybrid screens using the midgut cDNA library. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 1338-1349.	0.5	19
27	CPB1 of <i>Aedes aegypti</i> Interacts with DENV2 E Protein and Regulates Intracellular Viral Accumulation and Release from Midgut Cells. <i>Viruses</i> , 2014, 6, 5028-5046.	1.5	15
28	Highly Pathogenic Avian Influenza Virus Nucleoprotein Interacts with TREX Complex Adaptor Protein Aly/REF. <i>PLoS ONE</i> , 2013, 8, e72429.	1.1	13
29	Cellular transcripts of chicken brain tissues in response to H5N1 and Newcastle disease virus infection. <i>Virology Journal</i> , 2012, 9, 53.	1.4	12
30	Cellular transcripts regulated during infections with Highly Pathogenic H5N1 Avian Influenza virus in 3 host systems. <i>Virology Journal</i> , 2011, 8, 196.	1.4	11