

Victor Stalin Raj

List of Publications by Year in descending order

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72
papers

9,229
citations

71102

41
h-index

85541

71
g-index

76
all docs

76
docs citations

76
times ranked

12226
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipeptidyl peptidase 4 is a functional receptor for the emerging human coronavirus-EMC. <i>Nature</i> , 2013, 495, 251-254.	27.8	1,731
2	Genomic Characterization of a Newly Discovered Coronavirus Associated with Acute Respiratory Distress Syndrome in Humans. <i>MBio</i> , 2012, 3, .	4.1	766
3	Middle East respiratory syndrome coronavirus neutralising serum antibodies in dromedary camels: a comparative serological study. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 859-866.	9.1	616
4	Middle East respiratory syndrome coronavirus in dromedary camels: an outbreak investigation. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 140-145.	9.1	571
5	Exosome-mediated transmission of hepatitis C virus between human hepatoma Huh7.5 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13109-13113.	7.1	422
6	MERS-coronavirus replication induces severe in vitro cytopathology and is strongly inhibited by cyclosporin A or interferon- α treatment. <i>Journal of General Virology</i> , 2013, 94, 1749-1760.	2.9	313
7	Microneedle array delivered recombinant coronavirus vaccines: Immunogenicity and rapid translational development. <i>EBioMedicine</i> , 2020, 55, 102743.	6.1	304
8	Identification of sialic acid-binding function for the Middle East respiratory syndrome coronavirus spike glycoprotein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8508-E8517.	7.1	272
9	An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels. <i>Science</i> , 2016, 351, 77-81.	12.6	216
10	The Receptor Binding Domain of the New Middle East Respiratory Syndrome Coronavirus Maps to a 231-Residue Region in the Spike Protein That Efficiently Elicits Neutralizing Antibodies. <i>Journal of Virology</i> , 2013, 87, 9379-9383.	3.4	204
11	Human Coronavirus EMC Does Not Require the SARS-Coronavirus Receptor and Maintains Broad Replicative Capability in Mammalian Cell Lines. <i>MBio</i> , 2012, 3, .	4.1	180
12	Middle East Respiratory Syndrome coronavirus (MERS-CoV) serology in major livestock species in an affected region in Jordan, June to September 2013. <i>Eurosurveillance</i> , 2013, 18, 20662.	7.0	174
13	MERS: emergence of a novel human coronavirus. <i>Current Opinion in Virology</i> , 2014, 5, 58-62.	5.4	170
14	Isolation of MERS Coronavirus from a Dromedary Camel, Qatar, 2014. <i>Emerging Infectious Diseases</i> , 2014, 20, 1339-42.	4.3	164
15	Novel Hepatitis E Virus in Ferrets, the Netherlands. <i>Emerging Infectious Diseases</i> , 2012, 18, 1369-1370.	4.3	158
16	Miscarriage Associated with Zika Virus Infection. <i>New England Journal of Medicine</i> , 2016, 375, 1002-1004.	27.0	142
17	Adenosine Deaminase Acts as a Natural Antagonist for Dipeptidyl Peptidase 4-Mediated Entry of the Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2014, 88, 1834-1838.	3.4	141
18	Middle East respiratory syndrome coronavirus (MERS-CoV) RNA and neutralising antibodies in milk collected according to local customs from dromedary camels, Qatar, April 2014. <i>Eurosurveillance</i> , 2014, 19, .	7.0	136

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19	The Major Portal of Entry of Koi Herpesvirus in <i>Cyprinus carpio</i> Is the Skin. <i>Journal of Virology</i> , 2009, 83, 2819-2830.	3.4	126
20	Immunogenicity of an adenoviral-based Middle East Respiratory Syndrome coronavirus vaccine in BALB/c mice. <i>Vaccine</i> , 2014, 32, 5975-5982.	3.8	121
21	Skin mucus of <i>Cyprinus carpio</i> inhibits cyprinid herpesvirus 3 binding to epidermal cells. <i>Veterinary Research</i> , 2011, 42, 92.	3.0	107
22	Differential Expression of the Middle East Respiratory Syndrome Coronavirus Receptor in the Upper Respiratory Tracts of Humans and Dromedary Camels. <i>Journal of Virology</i> , 2016, 90, 4838-4842.	3.4	107
23	Virological and serological analysis of a recent Middle East respiratory syndrome coronavirus infection case on a triple combination antiviral regimen. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 528-532.	2.5	103
24	Towards a solution to MERS: protective human monoclonal antibodies targeting different domains and functions of the MERS-coronavirus spike glycoprotein. <i>Emerging Microbes and Infections</i> , 2019, 8, 516-530.	6.5	99
25	Livestock Susceptibility to Infection with Middle East Respiratory Syndrome Coronavirus. <i>Emerging Infectious Diseases</i> , 2017, 23, 232-240.	4.3	90
26	Polychaete worms—A vector for white spot syndrome virus (WSSV). <i>Diseases of Aquatic Organisms</i> , 2005, 63, 107-111.	1.0	87
27	Inhibition of Middle East Respiratory Syndrome Coronavirus Infection by Anti-CD26 Monoclonal Antibody. <i>Journal of Virology</i> , 2013, 87, 13892-13899.	3.4	85
28	Phenotypic Differences between Asian and African Lineage Zika Viruses in Human Neural Progenitor Cells. <i>MSphere</i> , 2017, 2, .	2.9	83
29	Sensitive and Specific Detection of Low-Level Antibody Responses in Mild Middle East Respiratory Syndrome Coronavirus Infections. <i>Emerging Infectious Diseases</i> , 2019, 25, 1868-1877.	4.3	80
30	Detection of novel divergent arenaviruses in boid snakes with inclusion body disease in The Netherlands. <i>Journal of General Virology</i> , 2013, 94, 1206-1210.	2.9	79
31	The genome of cyprinid herpesvirus 3 encodes 40 proteins incorporated in mature virions. <i>Journal of General Virology</i> , 2010, 91, 452-462.	2.9	78
32	Cross host transmission in the emergence of MERS coronavirus. <i>Current Opinion in Virology</i> , 2016, 16, 55-62.	5.4	75
33	Asymptomatic Middle East Respiratory Syndrome Coronavirus Infection in Rabbits. <i>Journal of Virology</i> , 2015, 89, 6131-6135.	3.4	73
34	Metagenomic Analysis of the Ferret Fecal Viral Flora. <i>PLoS ONE</i> , 2013, 8, e71595.	2.5	70
35	High proportion of MERS-CoV shedding dromedaries at slaughterhouse with a potential epidemiological link to human cases, Qatar 2014. <i>Infection Ecology and Epidemiology</i> , 2015, 5, 28305.	0.8	68
36	MERS-CoV Infection of Alpaca in a Region Where MERS-CoV is Endemic. <i>Emerging Infectious Diseases</i> , 2016, 22, 1129-1131.	4.3	67

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37	Occupational Exposure to Dromedaries and Risk for MERS-CoV Infection, Qatar, 2013–2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1422-1425.	4.3	66
38	Chimeric camel/human heavy-chain antibodies protect against MERS-CoV infection. <i>Science Advances</i> , 2018, 4, eaas9667.	10.3	66
39	Middle East respiratory syndrome coronavirus (MERS-CoV) infections in two returning travellers in the Netherlands, May 2014. <i>Eurosurveillance</i> , 2014, 19, .	7.0	66
40	Cloning of the Koi Herpesvirus Genome as an Infectious Bacterial Artificial Chromosome Demonstrates That Disruption of the Thymidine Kinase Locus Induces Partial Attenuation in <i>Cyprinus carpio koi</i> . <i>Journal of Virology</i> , 2008, 82, 4955-4964.	3.4	64
41	Middle East respiratory syndrome coronavirus vaccines: current status and novel approaches. <i>Current Opinion in Virology</i> , 2017, 23, 49-58.	5.4	60
42	MERS-coronavirus: From discovery to intervention. <i>One Health</i> , 2017, 3, 11-16.	3.4	43
43	Design of a highly thermotolerant, immunogenic SARS-CoV-2 spike fragment. <i>Journal of Biological Chemistry</i> , 2021, 296, 100025.	3.4	43
44	Middle East respiratory syndrome coronavirus specific antibodies in naturally exposed Israeli llamas, alpacas and camels. <i>One Health</i> , 2018, 5, 65-68.	3.4	39
45	Deletion Variants of Middle East Respiratory Syndrome Coronavirus from Humans, Jordan, 2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 716-719.	4.3	38
46	Involvement of <i>Enterobacter cloacae</i> in the mortality of the fish, <i>Mugil cephalus</i> . <i>Letters in Applied Microbiology</i> , 2008, 46, 667-672.	2.2	36
47	Feeding <i>Cyprinus carpio</i> with infectious materials mediates cyprinid herpesvirus 3 entry through infection of pharyngeal periodontal mucosa. <i>Veterinary Research</i> , 2012, 43, 6.	3.0	31
48	SARS-CoV-2 Cellular Entry Is Independent of the ACE2 Cytoplasmic Domain Signaling. <i>Cells</i> , 2021, 10, 1814.	4.1	31
49	Longitudinal disease studies in small-holder black tiger shrimp (<i>Penaeus monodon</i>) ponds in Andhra Pradesh, India. II. Multiple WSSV genotypes associated with disease outbreaks in ponds seeded with uninfected postlarvae. <i>Aquaculture</i> , 2011, 319, 18-24.	3.5	25
50	Comparative efficacy of double-stranded RNAs targeting WSSV structural and nonstructural genes in controlling viral multiplication in <i>Penaeus monodon</i> . <i>Archives of Virology</i> , 2012, 157, 993-998.	2.1	25
51	Proteomic and Functional Analyses of the Virion Transmembrane Proteome of Cyprinid Herpesvirus 3. <i>Journal of Virology</i> , 2017, 91, .	3.4	24
52	Spiking the MERS-coronavirus receptor. <i>Cell Research</i> , 2013, 23, 1069-1070.	12.0	23
53	Reliable typing of MERS-CoV variants with a small genome fragment. <i>Journal of Clinical Virology</i> , 2015, 64, 83-87.	3.1	23
54	Metagenomic Survey for Viruses in Western Arctic Caribou, Alaska, through Iterative Assembly of Taxonomic Units. <i>PLoS ONE</i> , 2014, 9, e105227.	2.5	21

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55	Enteric Coronavirus in Ferrets, the Netherlands. <i>Emerging Infectious Diseases</i> , 2011, 17, 1570-1.	4.3	18
56	Identification of HCV Resistant Variants against Direct Acting Antivirals in Plasma and Liver of Treatment Naïve Patients. <i>Scientific Reports</i> , 2017, 7, 4688.	3.3	17
57	Molecular epidemiology and genetic diversity of hepatitis B virus in Ethiopia. <i>Journal of Medical Virology</i> , 2016, 88, 1035-1043.	5.0	16
58	Identification and Characterization of Two Novel Viruses in Ocular Infections in Reindeer. <i>PLoS ONE</i> , 2013, 8, e69711.	2.5	16
59	Updated Phylogenetic Analysis of Arenaviruses Detected in Boid Snakes. <i>Journal of Virology</i> , 2014, 88, 1399-1400.	3.4	15
60	A novel hepatitis B virus subgenotype D10 circulating in Ethiopia. <i>Journal of Viral Hepatitis</i> , 2017, 24, 163-173.	2.0	15
61	Middle East respiratory syndrome coronavirus experimental transmission using a pig model. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1342-1345.	3.0	14
62	Naturally occurring recombination in ferret coronaviruses revealed by complete genome characterization. <i>Journal of General Virology</i> , 2016, 97, 2180-2186.	2.9	14
63	Genetic diversity of hepatitis C virus in Ethiopia. <i>PLoS ONE</i> , 2017, 12, e0179064.	2.5	14
64	Incidence of white muscle disease, a viral like disease associated with mortalities in hatchery-reared postlarvae of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> (De Man) from the south-east coast of India. <i>Aquaculture Research</i> , 2005, 36, 311-316.	1.8	12
65	Longitudinal disease studies in small-holder black tiger shrimp (<i>Penaeus monodon</i>) farms in Andhra Pradesh, India. III. A complex dynamic of WSSV infection and WSSV genotype distribution in farmed shrimp and wild crustaceans. <i>Aquaculture</i> , 2011, 319, 319-327.	3.5	12
66	Identification of Protein Receptors for Coronaviruses by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2015, 1282, 165-182.	0.9	12
67	Seroepidemiology of hepatitis B and C virus infections among blood donors in Ethiopia. <i>Journal of Medical Virology</i> , 2017, 89, 1300-1303.	5.0	10
68	The use of Pseudotyped Coronaviruses for the Screening of Entry Inhibitors: Green Tea Extract Inhibits the Entry of SARS-CoV-1, MERSCoV, and SARS-CoV-2 by Blocking Receptor-spike Interaction. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 1118-1129.	1.6	9
69	The sample of choice for detecting Middle East respiratory syndrome coronavirus in asymptomatic dromedary camels using real-time reversetranscription polymerase chain reaction. <i>OIE Revue Scientifique Et Technique</i> , 2016, 35, 905-911.	1.2	9
70	Longitudinal disease studies in small-holder black tiger shrimp (<i>Penaeus monodon</i>) farms in Andhra Pradesh, India. I. High prevalence of WSSV infection and low incidence of disease outbreaks in BMP ponds. <i>Aquaculture</i> , 2011, 318, 277-282.	3.5	8
71	Epigallocatechin-3-gallate (EGCG): a potential molecule for the development of therapeutics against emerging SARS-CoV-1, MERS-CoV and SARS-CoV-2 coronaviruses. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 26, 26-28.	2.2	2
72	A poxvirus-based vaccine reduces virus excretion after MERS coronavirus infection in dromedary camels. <i>International Journal of Infectious Diseases</i> , 2016, 45, 421-422.	3.3	0