

Sayed Sartaj Sohrab

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,366
citations

430442

18
h-index

414034

32
g-index

71
all docs

71
docs citations

71
times ranked

2209
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete genome sequencing and phylogenetic analysis of dengue type 1 virus isolated from Jeddah, Saudi Arabia. <i>Virology Journal</i> , 2015, 12, 1.	1.4	143
2	Detection of the Middle East Respiratory Syndrome Coronavirus Genome in an Air Sample Originating from a Camel Barn Owned by an Infected Patient. <i>MBio</i> , 2014, 5, e01450-14.	1.8	89
3	Salicylic acid alleviates salinity-caused damage to foliar functions, plant growth and antioxidant system in Ethiopian mustard (<i>Brassica carinata</i> A. Br.). <i>Agriculture and Food Security</i> , 2018, 7, .	1.6	81
4	Recent Status of Nanomaterial Fabrication and Their Potential Applications in Neurological Disease Management. <i>Nanoscale Research Letters</i> , 2018, 13, 231.	3.1	75
5	A Highly Immunogenic, Protective, and Safe Adenovirus-Based Vaccine Expressing Middle East Respiratory Syndrome Coronavirus S1-CD40L Fusion Protein in a Transgenic Human Dipeptidyl Peptidase 4 Mouse Model. <i>Journal of Infectious Diseases</i> , 2019, 220, 1558-1567.	1.9	64
6	IgY antibodies for the immunoprophylaxis and therapy of respiratory infections. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 264-275.	1.4	60
7	Link Between Chronic Bacterial Inflammation and Alzheimer Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1140-1147.	0.8	48
8	Prevalence of Human Papillomavirus in Women from Saudi Arabia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 3177-3181.	0.5	40
9	Boosting Alfalfa (<i>Medicago sativa</i> L.) Production With Rhizobacteria From Various Plants in Saudi Arabia. <i>Frontiers in Microbiology</i> , 2018, 9, 477.	1.5	35
10	Tackling dengue fever: Current status and challenges. <i>Virology Journal</i> , 2015, 12, 212.	1.4	32
11	Design and Delivery of Therapeutic siRNAs: Application to MERS-Coronavirus. <i>Current Pharmaceutical Design</i> , 2018, 24, 62-77.	0.9	32
12	Development and Optimization of In-house ELISA for Detection of Human IgG Antibody to SARS-CoV-2 Full Length Spike Protein. <i>Pathogens</i> , 2020, 9, 803.	1.2	29
13	Evaluation of propolis, honey, and royal jelly in amelioration of peripheral blood leukocytes and lung inflammation in mouse conalbumin-induced asthma model. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 780-788.	1.8	28
14	The Role of Viruses in Neurodegenerative and Neurobehavioral Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1213-1223.	0.8	26
15	Comparative bacterial community analysis in relatively pristine and anthropogenically influenced mangrove ecosystems on the Red Sea. <i>Canadian Journal of Microbiology</i> , 2017, 63, 649-660.	0.8	23
16	Taxonomic diversity of antimicrobial-resistant bacteria and genes in the Red Sea coast. <i>Science of the Total Environment</i> , 2019, 677, 474-483.	3.9	23
17	Multiple Introductions of Dengue 2 Virus Strains into Saudi Arabia from 1992 to 2014. <i>Vector-Borne and Zoonotic Diseases</i> , 2016, 16, 391-399.	0.6	21
18	Development of Cotton leaf curl virus resistant transgenic cotton using antisense <i>AYC1</i> gene. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 358-362.	1.8	20

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19	Recent Development and Future Prospects of Plant-Based Vaccines. <i>Current Drug Metabolism</i> , 2017, 18, 831-841.	0.7	20
20	Effect of Indole-3-Butyric Acid on Clonal Propagation of Mulberry (<i>Morus alba</i> L.) Stem Cuttings: Rooting and Associated Biochemical Changes. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 161-166.	0.4	19
21	An Association of Virus Infection with Type 2 Diabetes and Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 429-439.	0.8	19
22	<i>Bacillus</i> Species as Direct-Fed Microbial Antibiotic Alternatives for Monogastric Production. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 1-16.	1.9	19
23	Evaluation of a Pseudovirus Neutralization Assay for SARS-CoV-2 and Correlation with Live Virus-Based Micro Neutralization Assay. <i>Diagnostics</i> , 2021, 11, 994.	1.3	17
24	Transcriptomics Study of Neurodegenerative Disease: Emphasis on Synaptic Dysfunction Mechanism in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1202-1212.	0.8	17
25	Understanding the role of potential pathways and its components including hypoxia and immune system in case of oral cancer. <i>Scientific Reports</i> , 2021, 11, 19576.	1.6	16
26	An edible vaccine development for coronavirus disease 2019: the concept. <i>Clinical and Experimental Vaccine Research</i> , 2020, 9, 164.	1.1	16
27	Genetic diversity of MERS-CoV spike protein gene in Saudi Arabia. <i>Journal of Infection and Public Health</i> , 2020, 13, 709-717.	1.9	15
28	Lack of Antibodies to SARS-CoV-2 among Blood Donors during COVID-19 Lockdown: A Study from Saudi Arabia. <i>Healthcare (Switzerland)</i> , 2021, 9, 51.	1.0	15
29	In vitro regeneration through organogenesis and somatic embryogenesis in pigeon pea [<i>Cajanus cajan</i> (L.) Millsp.] cv. JKR105. <i>Physiology and Molecular Biology of Plants</i> , 2011, 17, 375-385.	1.4	14
30	Genetic variability of Cotton leaf curl betasatellite in Northern India. <i>Saudi Journal of Biological Sciences</i> , 2014, 21, 626-631.	1.8	14
31	Complete Genome Sequencing and Genetic Characterization of Alkhumra Hemorrhagic Fever Virus Isolated from Najran, Saudi Arabia. <i>Intervirology</i> , 2014, 57, 300-310.	1.2	14
32	In silico prediction and experimental validation of siRNAs targeting ORF1ab of MERS-CoV in Vero cell line. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1348-1355.	1.8	14
33	Anti-S1 MERS-COV IgY Specific Antibodies Decreases Lung Inflammation and Viral Antigen Positive Cells in the Human Transgenic Mouse Model. <i>Vaccines</i> , 2020, 8, 634.	2.1	13
34	The role of corchorus in spreading of tomato yellow leaf curl virus on tomato in Jeddah, Saudi Arabia. <i>VirusDisease</i> , 2016, 27, 19-26.	1.0	12
35	Viral Infection and Obesity: Current Status and Future Prospective. <i>Current Drug Metabolism</i> , 2017, 18, 798-807.	0.7	12
36	Association of tomato leaf curl Sudan virus with leaf curl disease of tomato in Jeddah, Saudi Arabia. <i>VirusDisease</i> , 2016, 27, 145-153.	1.0	11

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37	Genetic diversity and phylogenetic analysis of HPV 16 & 18 variants isolated from cervical specimens of women in Saudi Arabia. Saudi Journal of Biological Sciences, 2019, 26, 317-324.	1.8	11
38	Designing and evaluation of MERS-CoV siRNAs in HEK-293 cell line. Journal of Infection and Public Health, 2021, 14, 238-243.	1.9	11
39	Seroprevalence of neutralizing antibodies to severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) among healthcare workers in Makkah, Saudi Arabia. Journal of King Saud University - Science, 2021, 33, 101366.	1.6	11
40	Gene Expression Profiling of Early Acute Febrile Stage of Dengue Infection and Its Comparative Analysis With Streptococcus pneumoniae Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 707905.	1.8	11
41	Role of sponge gourd in apical leaf curl disease of potato in Northern India. Phytoparasitica, 2013, 41, 403-410.	0.6	10
42	A Reliable Indirect ELISA Protocol for Detection of Human Antibodies Directed to SARS-CoV-2 NP Protein. Diagnostics, 2021, 11, 825.	1.3	10
43	Association of HCV mutated proteins and host SNPs in the development of hepatocellular carcinoma. Infection, Genetics and Evolution, 2018, 60, 160-172.	1.0	9
44	Role of viruses, prions and miRNA in neurodegenerative disorders and dementia. VirusDisease, 2018, 29, 419-433.	1.0	9
45	Genetic diversity of begomoviruses infecting tomato plant in Saudi Arabia. Saudi Journal of Biological Sciences, 2020, 27, 222-228.	1.8	9
46	Immunotherapeutic Efficacy of IgY Antibodies Targeting the Full-Length Spike Protein in an Animal Model of Middle East Respiratory Syndrome Coronavirus Infection. Pharmaceuticals, 2021, 14, 511.	1.7	9
47	The Emergence of Human Pathogenic Coronaviruses: Lectins as Antivirals for SARS-CoV-2. Current Pharmaceutical Design, 2020, 26, 5286-5292.	0.9	9
48	Development of interspecific Solanum lycopersicum and screening for Tospovirus resistance. Saudi Journal of Biological Sciences, 2015, 22, 730-738.	1.8	8
49	In Vitro Inhibitory Analysis of Rationally Designed siRNAs against MERS-CoV Replication in Huh7 Cells. Molecules, 2021, 26, 2610.	1.7	8
50	Identification of a monopartite begomovirus associated with yellow vein mosaic of Mentha longifolia in Saudi Arabia. 3 Biotech, 2018, 8, 92.	1.1	7
51	Inhibition of Neurogenesis by Zika Virus Infection. CNS and Neurological Disorders - Drug Targets, 2018, 17, 78-86.	0.8	7
52	Coronavirus epitope prediction from highly conserved region of spike protein. Clinical and Experimental Vaccine Research, 2020, 9, 169.	1.1	7
53	In silico prediction and experimental evaluation of potential siRNAs against SARS-CoV-2 inhibition in Vero E6 cells. Journal of King Saud University - Science, 2022, 34, 102049.	1.6	7
54	Detection of begomovirus associated with okra leaf curl disease. Archives of Phytopathology and Plant Protection, 2013, 46, 1047-1053.	0.6	6

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55	Diversity of dengue virus-3 genotype III in Jeddah, Saudi Arabia. <i>Acta Tropica</i> , 2018, 183, 114-118.	0.9	6
56	In Silico Prediction and Designing of Potential siRNAs to be used as Antivirals Against SARS-CoV-2. <i>Current Pharmaceutical Design</i> , 2021, 27, 3490-3500.	0.9	6
57	Bacteriophage - A Common Divergent Therapeutic Approach for Alzheimer's Disease and Type II Diabetes Mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 491-500.	0.8	6
58	Factors affecting sap transmission of Tomato leaf curl New Delhi begomovirus infecting sponge gourd in India. <i>Phytoparasitica</i> , 2013, 41, 591-592.	0.6	5
59	Genetic diversity of the pandemic influenza A (H1N1) virus in Saudi Arabia. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 1563-1573.	0.5	5
60	Molecular diagnosis of begomovirus associated with Chilli leaf curl disease in Jeddah, Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3060-3064.	1.8	5
61	Tomato Leaf Curl Sudan Virus (TLCSDV) causing leaf curl disease on a new host <i>Amaranthus cruentus</i> L.. <i>Plant OMICS</i> , 2017, 10, 20-27.	0.4	5
62	Natural Products Homoharringtonine and Emetine Alkaloids as SARS-CoV-2 Treatment Options. <i>Current Pharmaceutical Design</i> , 2021, 27, 3444-3453.	0.9	5
63	Consequence of HIV and HCV co-infection on host immune response, persistence and current treatment options. <i>VirusDisease</i> , 2018, 29, 19-26.	1.0	4
64	Effect of insilico predicted and designed potential siRNAs on inhibition of SARS-CoV-2 in HEK-293 cells. <i>Journal of King Saud University - Science</i> , 2022, 34, 101965.	1.6	4
65	Current Status of Begomoviruses Infecting Cultivated Crops and Weeds in Saudi Arabia. , 2017, , 219-228.		3
66	Begomovirus infection on Cucumber in Saudi Arabia. <i>Plant OMICS</i> , 2017, 10, 7-14.	0.4	3
67	Molecular evidence for the occurrence of TYLCV on <i>Mentha longifolia</i> in Jeddah, Saudi Arabia. <i>VirusDisease</i> , 2018, 29, 203-206.	1.0	2
68	Molecular diagnosis of begomovirus associated with yellow vein mosaic disease of <i>Urena lobata</i> . <i>Pakistan Journal of Botany</i> , 2019, 51, .	0.2	1
69	Bacterial Community and Genomic Analysis of Carbapenem-Resistant <i>Acinetobacter baumannii</i> Isolates from the Environment of a Health Care Facility in the Western Region of Saudi Arabia. <i>Pharmaceuticals</i> , 2022, 15, 611.	1.7	1
70	Full-genome sequencing and analysis of DENV-3 serotype isolated from Yemen. <i>Journal of Infection and Public Health</i> , 2021, 14, 803-810.	1.9	0