

Farah Mustafa

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,940
citations

346980

22
h-index

312153

41
g-index

74
all docs

74
docs citations

74
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of SARS-CoV-2 in COVID-19 Patient Nasal Swab Samples Using Signal Processing. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022, 16, 164-174.	7.3	1
2	Travel ban effects on SARS-CoV-2 transmission lineages in the UAE as inferred by genomic epidemiology. <i>PLoS ONE</i> , 2022, 17, e0264682.	1.1	3
3	Impact of the Sinopharm's BBIBP-CorV vaccine in preventing hospital admissions and death in infected vaccinees: Results from a retrospective study in the emirate of Abu Dhabi, United Arab Emirates (UAE). <i>Vaccine</i> , 2022, 40, 2003-2010.	1.7	39
4	Wastewater surveillance for SARS-CoV-2: Lessons learnt from recent studies to define future applications. <i>Science of the Total Environment</i> , 2021, 759, 143493.	3.9	84
5	A purine loop and the primer binding site are critical for the selective encapsidation of mouse mammary tumor virus genomic RNA by Pr77Gag. <i>Nucleic Acids Research</i> , 2021, 49, 4668-4688.	6.5	9
6	Identification of Pr78Gag Binding Sites on the Mason-Pfizer Monkey Virus Genomic RNA Packaging Determinants. <i>Journal of Molecular Biology</i> , 2021, 433, 166923.	2.0	7
7	A Comprehensive Analysis of Northern versus Liquid Hybridization Assays for mRNAs, Small RNAs, and miRNAs Using a Non-Radiolabeled Approach. <i>Current Issues in Molecular Biology</i> , 2021, 43, 457-484.	1.0	12
8	Optical Detection of SARS-CoV-2 Utilizing Antigen-Antibody Binding Interactions. <i>Sensors</i> , 2021, 21, 6596.	2.1	5
9	A Stretch of Unpaired Purines in the Leader Region of Simian Immunodeficiency Virus (SIV) Genomic RNA is Critical for its Packaging into Virions. <i>Journal of Molecular Biology</i> , 2021, 433, 167293.	2.0	4
10	Role of Purine-Rich Regions in Mason-Pfizer Monkey Virus (MPMV) Genomic RNA Packaging and Propagation. <i>Frontiers in Microbiology</i> , 2020, 11, 595410.	1.5	5
11	SARS-CoV-2/COVID-19: Viral Genomics, Epidemiology, Vaccines, and Therapeutic Interventions. <i>Viruses</i> , 2020, 12, 526.	1.5	197
12	Simultaneous and rapid quantification of microalga biomolecule content using electrochemical impedance spectroscopy. <i>Biotechnology Progress</i> , 2020, 36, e3037.	1.3	2
13	Organic extracts from <i>Cleome droserifolia</i> exhibit effective caspase-dependent anticancer activity. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 74.	1.2	9
14	Electrical detection of blood cells in urine. <i>Heliyon</i> , 2020, 6, e03102.	1.4	5
15	The Large Action of Chlorpromazine: Translational and Transdisciplinary Considerations in the Face of COVID-19. <i>Frontiers in Pharmacology</i> , 2020, 11, 577678.	1.6	29
16	Antioxidant and Cytotoxicity Activity of Phenolic Compounds from <i>Piper sarmentosum</i> Roxb. Against T47D Human Breast Cancer Cell. <i>Natural Products Journal</i> , 2020, 10, 364-371.	0.1	0
17	Purification and Functional Characterization of a Biologically Active Full-Length Feline Immunodeficiency Virus (FIV) Pr50Gag. <i>Viruses</i> , 2019, 11, 689.	1.5	12
18	Differential Cytotoxic Potential of <i>Acridocarpus orientalis</i> Leaf and Stem Extracts with the Ability to Induce Multiple Cell Death Pathways. <i>Molecules</i> , 2019, 24, 3976.	1.7	8

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19	Identification and Characterization of the Caspase-Mediated Apoptotic Activity of Teucrium mascatense and an Isolated Compound in Human Cancer Cells. <i>Molecules</i> , 2019, 24, 977.	1.7	12
20	Stabilizing role of structural elements within the 5' Untranslated Region (UTR) and gag sequences in Mason-Pfizer monkey virus (MPMV) genomic RNA packaging. <i>RNA Biology</i> , 2019, 16, 612-625.	1.5	9
21	MMTV does not encode viral microRNAs but alters the levels of cancer-associated host microRNAs. <i>Virology</i> , 2018, 513, 180-187.	1.1	8
22	Detection of Mouse Mammary Tumor Virus (MMTV) Particles in an Immortalized T Cell Line Based on Electrical Parameters. <i>IEEE Access</i> , 2018, 6, 63597-63605.	2.6	2
23	A cis-Acting Element Downstream of the Mouse Mammary Tumor Virus Major Splice Donor Critical for RNA Elongation and Stability. <i>Journal of Molecular Biology</i> , 2018, 430, 4307-4324.	2.0	14
24	Expression, purification, and characterization of biologically active full-length Mason-Pfizer monkey virus (MPMV) Pr78Gag. <i>Scientific Reports</i> , 2018, 8, 11793.	1.6	9
25	The bifurcated stem loop 4 (SL4) is crucial for efficient packaging of mouse mammary tumor virus (MMTV) genomic RNA. <i>RNA Biology</i> , 2018, 15, 1-13.	1.5	13
26	Biochemical and Functional Characterization of Mouse Mammary Tumor Virus Full-Length Pr77Gag Expressed in Prokaryotic and Eukaryotic Cells. <i>Viruses</i> , 2018, 10, 334.	1.5	13
27	Electrical Characterization of Normal and Cancer Cells. <i>IEEE Access</i> , 2018, 6, 25979-25986.	2.6	61
28	Investigation of DNA Sequences Utilizing Frequency-Selective Nanopore Structures. <i>Lecture Notes in Computer Science</i> , 2017, , 3-11.	1.0	0
29	Visualization and quantification of oil in single microalgal cells. <i>Journal of Applied Phycology</i> , 2017, 29, 1195-1202.	1.5	1
30	Cross- and Co-Packaging of Retroviral RNAs and Their Consequences. <i>Viruses</i> , 2016, 8, 276.	1.5	28
31	Packaging of Mason-Pfizer monkey virus (MPMV) genomic RNA depends upon conserved long-range interactions (LRIs) between U5 and gag sequences. <i>Rna</i> , 2016, 22, 905-919.	1.6	19
32	Electrical detection and quantification of single and mixed DNA nucleotides in suspension. <i>Scientific Reports</i> , 2016, 6, 34016.	1.6	5
33	Electrical characterization of DNA supported on nitrocellulose membranes. <i>Scientific Reports</i> , 2016, 6, 29089.	1.6	7
34	Label-Free Capacitance-Based Identification of Viruses. <i>Scientific Reports</i> , 2015, 5, 9809.	1.6	14
35	Structural basis of genomic RNA (gRNA) dimerization and packaging determinants of mouse mammary tumor virus (MMTV). <i>Retrovirology</i> , 2014, 11, 96.	0.9	29
36	Virus detection and quantification using electrical parameters. <i>Scientific Reports</i> , 2014, 4, 6831.	1.6	16

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37	Bioenergetics of murine lungs infected with respiratory syncytial virus. <i>Virology Journal</i> , 2013, 10, 22.	1.4	5
38	Cellular bioenergetics, caspase activity and glutathione in murine lungs infected with influenza A virus. <i>Virology</i> , 2013, 446, 180-188.	1.1	10
39	A Critical Examination of Complex Network File Formats for Bioinformatics Data Sources. , 2012, , .		0
40	Sequences within Both the 5' UTR and Gag Are Required for Optimal In Vivo Packaging and Propagation of Mouse Mammary Tumor Virus (MMTV) Genomic RNA. <i>PLoS ONE</i> , 2012, 7, e47088.	1.1	25
41	Reciprocal cross-packaging of primate lentiviral (HIV-1 and SIV) RNAs by heterologous non-lentiviral MPMV proteins. <i>Virus Research</i> , 2011, 155, 352-357.	1.1	18
42	A discrete event system specification (DEVS)-based model of consanguinity. <i>Journal of Theoretical Biology</i> , 2011, 285, 103-112.	0.8	4
43	Optimal Packaging of FIV Genomic RNA Depends upon a Conserved Long-range Interaction and a Palindromic Sequence within gag. <i>Journal of Molecular Biology</i> , 2010, 403, 103-119.	2.0	29
44	Role of a heterologous retroviral transport element in the development of genetic complementation assay for mouse mammary tumor virus (MMTV) replication. <i>Virology</i> , 2009, 385, 464-472.	1.1	16
45	A new hybrid agent-based modeling & simulation decision support system for breast cancer data analysis. , 2009, , .		16
46	Selective recognition of acetylated histones by bromodomains in transcriptional co-activators. <i>Biochemical Journal</i> , 2007, 402, 125-133.	1.7	64
47	Both the 5' and 3' LTRs of FIV contain minor RNA encapsidation determinants compared to the two core packaging determinants within the 5' untranslated region and gag. <i>Microbes and Infection</i> , 2006, 8, 767-778.	1.0	18
48	Relative activity of the feline immunodeficiency virus promoter in feline and primate cell lines. <i>Microbes and Infection</i> , 2005, 7, 233-239.	1.0	17
49	Sequences Intervening between the Core Packaging Determinants Are Dispensable for Maintaining the Packaging Potential and Propagation of Feline Immunodeficiency Virus Transfer Vector RNAs. <i>Journal of Virology</i> , 2005, 79, 13817-13821.	1.5	27
50	Mutational analysis of the predicted secondary RNA structure of the Mason-Pfizer monkey virus packaging signal. <i>Virus Research</i> , 2004, 99, 35-46.	1.1	14
51	Close proximity of the MPMV CTE to the polyadenylation sequences is important for efficient function in the subgenomic context. <i>Virus Research</i> , 2004, 105, 209-218.	1.1	0
52	Sequences within both the 5' untranslated region and the Gag gene are important for efficient encapsidation of Mason-Pfizer monkey virus RNA. <i>Virology</i> , 2003, 309, 166-178.	1.1	19
53	Sequences within the gag gene of feline immunodeficiency virus (FIV) are important for efficient RNA encapsidation. <i>Virus Research</i> , 2003, 93, 199-209.	1.1	28
54	Delineation of sequences important for efficient packaging of feline immunodeficiency virus RNA. <i>Journal of General Virology</i> , 2003, 84, 621-627.	1.3	30

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55	The Type B Leukemogenic Virus Truncated Superantigen Is Dispensable for T-Cell Lymphomagenesis. <i>Journal of Virology</i> , 2003, 77, 3866-3870.	1.5	27
56	Type B Leukemogenic Virus Has a T-Cell-Specific Enhancer That Binds AML-1. <i>Journal of Virology</i> , 2001, 75, 2174-2184.	1.5	23
57	Successful DNA immunization against measles: Neutralizing antibody against either the hemagglutinin or fusion glycoprotein protects rhesus macaques without evidence of atypical measles. <i>Nature Medicine</i> , 2000, 6, 776-781.	15.2	117
58	C3H Mouse Mammary Tumor Virus Superantigen Function Requires a Splice Donor Site in the Envelope Gene. <i>Journal of Virology</i> , 2000, 74, 9431-9440.	1.5	19
59	DNA immunization: effect of secretion of DNA-expressed hemagglutinins on antibody responses. <i>Vaccine</i> , 1999, 18, 805-814.	1.7	40
60	Expression of Mouse Mammary Tumor Virus Superantigen mRNA in the Thymus Correlates with Kinetics of Self-Reactive T-Cell Loss. <i>Journal of Virology</i> , 1999, 73, 6634-6645.	1.5	18
61	Mapping of HIV-1 Determinants of Apoptosis in Infected T Cells. <i>Virology</i> , 1998, 252, 407-417.	1.1	18
62	Short Communication: Immunogenicity of DNA Vaccines Expressing Human Immunodeficiency Virus Type 1 Envelope Glycoprotein with and without Deletions in the V1/2 and V3 Regions. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 151-155.	0.5	80
63	Early studies on DNA-based immunizations for measles virus. <i>Vaccine</i> , 1997, 15, 888-891.	1.7	27
64	HIV-1 Env Glycoproteins from Two Series of Primary Isolates: Replication Phenotype and Immunogenicity. <i>Virology</i> , 1997, 229, 269-278.	1.1	28
65	Screening of HIV-1 Env Glycoproteins for the Ability to Raise Neutralizing Antibody Using DNA Immunization and Recombinant Vaccinia Virus Boosting. <i>Virology</i> , 1997, 230, 265-274.	1.1	69
66	Simian immunodeficiency virus-specific cytotoxic T-lymphocyte induction through DNA vaccination of rhesus monkeys. <i>Journal of Virology</i> , 1996, 70, 678-681.	1.5	138
67	Simian immunodeficiency virus DNA vaccine trial in macaques. <i>Journal of Virology</i> , 1996, 70, 3978-3991.	1.5	233
68	Simian Immunodeficiency Virus DNA Vaccine Trial in Macaques. <i>Annals of the New York Academy of Sciences</i> , 1995, 772, 209-211.	1.8	14
69	Context-dependent role of human immunodeficiency virus type 1 auxiliary genes in the establishment of chronic virus producers. <i>Journal of Virology</i> , 1993, 67, 6909-6915.	1.5	29