

Tahir A Rizvi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

2,527
citations

22
h-index

49
g-index

74
ext. papers

2,920
ext. citations

6.3
avg, IF

4.48
L-index

#	Paper	IF	Citations
70	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	7.5	0
69	Molecular Characterization of Producing Isolated in Poultry Farms in the United Arab Emirates.. <i>Antibiotics</i> , 2022 , 11,	4.9	2
68	Impact of the Sinopharm 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 ,	4.1	8
67	Kaempferol Regresses Carcinogenesis through a Molecular Cross Talk Involved in Proliferation, Apoptosis and Inflammation on Human Cervical Cancer Cells, HeLa. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3155	2.6	0
66	Diversity of carbapenem-resistant <i>Klebsiella pneumoniae</i> ST14 and emergence of a subgroup with KL64 capsular locus in the Arabian Peninsula. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 1	5.3	2
65	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	6.5	0
64	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	20.1	1
63	Identification of Pr78 Binding Sites on the Mason-Pfizer Monkey Virus Genomic RNA Packaging Determinants. <i>Journal of Molecular Biology</i> , 2021 , 433, 166923	6.5	2
62	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	10.2	38
61	SARS-CoV-2/COVID-19: Viral Genomics, Epidemiology, Vaccines, and Therapeutic Interventions. <i>Viruses</i> , 2020 , 12,	6.2	129
60	Simultaneous and rapid quantification of microalga biomolecule content using electrochemical impedance spectroscopy. <i>Biotechnology Progress</i> , 2020 , 36, e3037	2.8	1
59	Electrical detection of blood cells in urine. <i>Heliyon</i> , 2020 , 6, e03102	3.6	2
58	The Large Action of Chlorpromazine: Translational and Transdisciplinary Considerations in the Face of COVID-19. <i>Frontiers in Pharmacology</i> , 2020 , 11, 577678	5.6	13
57	Role of Purine-Rich Regions in Mason-Pfizer Monkey Virus (MPMV) Genomic RNA Packaging and Propagation. <i>Frontiers in Microbiology</i> , 2020 , 11, 595410	5.7	2
56	In vitro efficacy of ceftazidime-avibactam, aztreonam-avibactam and other rescue antibiotics against carbapenem-resistant Enterobacterales from the Arabian Peninsula. <i>International Journal of Infectious Diseases</i> , 2020 , 99, 253-259	10.5	8
55	Purification and Functional Characterization of a Biologically Active Full-Length Feline Immunodeficiency Virus (FIV) Pr50. <i>Viruses</i> , 2019 , 11,	6.2	3
54	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	4.8	2

53	Biochemical and Functional Characterization of Mouse Mammary Tumor Virus Full-Length Pr77 Expressed in Prokaryotic and Eukaryotic Cells. <i>Viruses</i> , 2018 , 10,	6.2	4
52	Electrical Characterization of Normal and Cancer Cells. <i>IEEE Access</i> , 2018 , 6, 25979-25986	3.5	35
51	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	3.5	0
50	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	6.5	4
49	Expression, purification, and characterization of biologically active full-length Mason-Pfizer monkey virus (MPMV) Pr78. <i>Scientific Reports</i> , 2018 , 8, 11793	4.9	6
48	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, 1047-1059	4.8	6
47	Electrical detection and quantification of single and mixed DNA nucleotides in suspension. <i>Scientific Reports</i> , 2016 , 6, 34016	4.9	3
46	Electrical characterization of DNA supported on nitrocellulose membranes. <i>Scientific Reports</i> , 2016 , 6, 29089	4.9	5
45	Cross- and Co-Packaging of Retroviral RNAs and Their Consequences. <i>Viruses</i> , 2016 , 8,	6.2	19
44	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, 905-19	5.8	13
43	Label-free capacitance-based identification of viruses. <i>Scientific Reports</i> , 2015 , 5, 9809	4.9	8
42	Sulforaphane Reverses the Expression of Various Tumor Suppressor Genes by Targeting DNMT3B and HDAC1 in Human Cervical Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 412149	2.3	39
41	Virus detection and quantification using electrical parameters. <i>Scientific Reports</i> , 2014 , 4, 6831	4.9	9
40	Ethanollic Neem (<i>Azadirachta indica</i>) Leaf Extract Prevents Growth of MCF-7 and HeLa Cells and Potentiates the Therapeutic Index of Cisplatin. <i>Journal of Oncology</i> , 2014 , 2014, 321754	4.5	25
39	Structural basis of genomic RNA (gRNA) dimerization and packaging determinants of mouse mammary tumor virus (MMTV). <i>Retrovirology</i> , 2014 , 11, 96	3.6	23
38	Estrogenic activities of ten medicinal herbs from the Middle East. <i>Journal of Chromatographic Science</i> , 2013 , 51, 33-9	1.4	14
37	SHAPE analysis of the 5Tend of the Mason-Pfizer monkey virus (MPMV) genomic RNA reveals structural elements required for genome dimerization. <i>Rna</i> , 2013 , 19, 1648-58	5.8	16
36	Inhibitory effect of genistein on the invasive potential of human cervical cancer cells via modulation of matrix metalloproteinase-9 and tissue inhibitors of matrix metalloproteinase-1 expression. <i>Cancer Epidemiology</i> , 2012 , 36, e387-93	2.8	43

35	Sequences within both the 5TUTR 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	3.7	16
34	(-)-Epigallocatechin-3-gallate induces apoptosis and inhibits invasion and migration of human cervical cancer cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 4815-22	1.7	43
33	Eugenol enhances the chemotherapeutic potential of gemcitabine and induces anticarcinogenic and anti-inflammatory activity in human cervical cancer cells. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011 , 26, 519-27	3.9	68
32	Reciprocal cross-packaging of primate lentiviral (HIV-1 and SIV) RNAs by heterologous non-lentiviral MPMV proteins. <i>Virus Research</i> , 2011 , 155, 352-7	6.4	11
31	SHAPE analysis of the FIV Leader RNA reveals a structural switch potentially controlling viral packaging and genome dimerization. <i>Nucleic Acids Research</i> , 2011 , 39, 6692-704	20.1	27
30	A G-C-rich palindromic structural motif and a stretch of single-stranded purines are required for optimal packaging of Mason-Pfizer monkey virus (MPMV) genomic RNA. <i>Journal of Molecular Biology</i> , 2010 , 401, 996-1014	6.5	16
29	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	6.5	20
28	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, 464-72 ⁶	3.6	14
27	Cross-packaging of genetically distinct mouse and primate retroviral RNAs. <i>Retrovirology</i> , 2009 , 6, 66	3.6	13
26	The secondary structure of the 5Tend of the FIV genome reveals a long-range interaction between R/U5 and gag sequences, and a large, stable stem-loop. <i>Rna</i> , 2008 , 14, 2597-608	5.8	26
25	Selective recognition of acetylated histones by bromodomains in transcriptional co-activators. <i>Biochemical Journal</i> , 2007 , 402, 125-33	3.8	54
24	Both the 5Tand 3LTRs of FIV contain minor RNA encapsidation determinants compared to the two core packaging determinants within the 5Tuntranslated region and gag. <i>Microbes and Infection</i> , 2006 , 8, 767-78	9.3	17
23	Relative activity of the feline immunodeficiency virus promoter in feline and primate cell lines. <i>Microbes and Infection</i> , 2005 , 7, 233-9	9.3	17
22	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, 13817-21	6.6	20
21	Poor survival but high immunogenicity of IL-2-expressing Salmonella typhimurium in inherently resistant mice. <i>Microbes and Infection</i> , 2004 , 6, 350-9	9.3	16
20	Mutational analysis of the predicted secondary RNA structure of the Mason-Pfizer monkey virus packaging signal. <i>Virus Research</i> , 2004 , 99, 35-46	6.4	8
19	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, 209-18	6.4	
18	Sequences within both the 5Tuntranslated region and the gag gene are important for efficient encapsidation of Mason-Pfizer monkey virus RNA. <i>Virology</i> , 2003 , 309, 166-78	3.6	18

17	Sequences within the gag gene of feline immunodeficiency virus (FIV) are important for efficient RNA encapsidation. <i>Virus Research</i> , 2003 , 93, 199-209	6.4	22
16	Delineation of sequences important for efficient packaging of feline immunodeficiency virus RNA. <i>Journal of General Virology</i> , 2003 , 84, 621-627	4.9	28
15	Passive immunization against oral AIDS virus transmission: an approach to prevent mother-to-infant HIV-1 transmission?. <i>Journal of Medical Primatology</i> , 2001 , 30, 190-6	0.7	29
14	Postnatal passive immunization of neonatal macaques with a triple combination of human monoclonal antibodies against oral simian-human immunodeficiency virus challenge. <i>Journal of Virology</i> , 2001 , 75, 7470-80	6.6	144
13	Primate and feline lentivirus vector RNA packaging and propagation by heterologous lentivirus virions. <i>Journal of Virology</i> , 2001 , 75, 5129-40	6.6	68
12	Enhancement of mucosal immune response against HIV-1 Gag by DNA immunization. <i>Vaccine</i> , 2001 , 19, 2995-3003	4.1	14
11	Human neutralizing monoclonal antibodies of the IgG1 subtype protect against mucosal simian-human immunodeficiency virus infection. <i>Nature Medicine</i> , 2000 , 6, 200-6	50.5	777
10	Neutralizing antibody-independent containment of immunodeficiency virus challenges by DNA priming and recombinant pox virus booster immunizations. <i>Nature Medicine</i> , 1999 , 5, 526-34	50.5	345
9	Reactivation of HIV type 1 in chronically infected chimpanzees following xenostimulation with human cells or with pulses of corticosteroid. <i>AIDS Research and Human Retroviruses</i> , 1997 , 13, 377-81	1.6	11
8	Mason-Pfizer monkey virus (MPMV) constitutive transport element (CTE) functions in a position-dependent manner. <i>Virology</i> , 1997 , 236, 118-29	3.6	32
7	Rev/RRE-independent Mason-Pfizer monkey virus constitutive transport element-dependent propagation of SIVmac239 vectors using a single round of replication assay. <i>Virology</i> , 1996 , 222, 457-63	3.6	39
6	Role of Mason-Pfizer monkey virus (MPMV) constitutive transport element (CTE) in the propagation of MPMV vectors by genetic complementation using homologous/heterologous env genes. <i>Virology</i> , 1996 , 224, 517-32	3.6	24
5	Propagation of SIV vectors by genetic complementation with a heterologous env gene. <i>AIDS Research and Human Retroviruses</i> , 1992 , 8, 89-95	1.6	9
4	Simian immunodeficiency virus vectors: Replication and pseudotyping. <i>Journal of Medical Primatology</i> , 1992 , 21, 69-73	0.7	3
3	Multistage Hepatocarcinogenesis in the Rat as a Basis for Models of Risk Assessment of Carcinogenesis 1990 , 69-95		3
2	Critical parameters in the quantitation of the stages of initiation, promotion, and progression in one model of hepatocarcinogenesis in the rat. <i>Toxicologic Pathology</i> , 1989 , 17, 594-611; discussion 611-2 ^{2.1}		88
1	Development of an Optical Assay to Detect SARS-CoV-2 Spike Protein Binding Interactions with ACE2 and Disruption of these Interactions Using Electric Current		2