Tahir A Rizvi

List of Publications by Year
in descending order

73 papers	3,203 citations	218662 26 h-index	155644 55 g-index
74 all docs	74 docs citations	74 times ranked	3165 citing authors

#	Article	IF	Citations
1	Human neutralizing monoclonal antibodies of the IgG1 subtype protect against mucosal simianâ€“human immunodeficiency virus infection. Nature Medicine, 2000, 6, 200-206.	30.7	841
2	Neutralizing antibody-independent containment of immunodeficiency virus challenges by DNA priming and recombinant pox virus booster immunizations. Nature Medicine, 1999, 5, 526-534.	30.7	370
3	SARS-CoV-2/COVID-19: Viral Genomics, Epidemiology, Vaccines, and Therapeutic Interventions. Viruses, 2020, 12, 526.	3.3	197
4	Postnatal Passive Immunization of Neonatal Macaques with a Triple Combination of Human Monoclonal Antibodies against Oral Simian-Human Immunodeficiency Virus Challenge. Journal of Virology, 2001, 75, 7470-7480.	3.4	158
5	Critical Parameters in the Quantitation of the Stages of Initiation, Promotion, and Progression in One Model of Hepatocarcinogenesis in the Rat. Toxicologic Pathology, 1989, 17, 594-612.	1.8	102
6	Eugenol Enhances the Chemotherapeutic Potential of Gemcitabine and Induces Anticarcinogenic and Anti-inflammatory Activity in Human Cervical Cancer Cells. Cancer Biotherapy and Radiopharmaceuticals, 2011, 26, 519-527.	1.0	88
7	Wastewater surveillance for SARS-CoV-2: Lessons learnt from recent studies to define future applications. Science of the Total Environment, 2021, 759, 143493.	8.0	84
8	Primate and Feline Lentivirus Vector RNA Packaging and Propagation by Heterologous Lentivirus Virions. Journal of Virology, 2001, 75, 5129-5140.	3.4	81
9	Selective recognition of acetylated histones by bromodomains in transcriptional co-activators. Biochemical Journal, 2007, 402, 125-133.	3.7	64
10	Electrical Characterization of Normal and Cancer Cells. IEEE Access, 2018, 6, 25979-25986.	4.2	61
11	(-)-Epigallocatechin-3-Gallate Induces Apoptosis and Inhibits Invasion and Migration of Human Cervical Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 4815-4822.	1.2	56
12	Inhibitory effect of genistein on the invasive potential of human cervical cancer cells via modulation of matrix metalloproteinase-9 and tissue inhibitiors of matrix metalloproteinase-1 expression. Cancer Epidemiology, 2012, 36, e387-e393.	1.9	53
13	Rev/RRE-Independent Masonâ€“Pfizer Monkey Virus Constitutive Transport Element-Dependent Propagation of SIVmac239 Vectors Using a Single Round of Replication Assay. Virology, 1996, 222, 457-463.	2.4	49
14	Sulforaphane Reverses the Expression of Various Tumor Suppressor Genes by Targeting DNMT3B and HDAC1 in Human Cervical Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-12.	1.2	47
15	Masonâ€“Pfizer Monkey Virus (MPMV) Constitutive Transport Element (CTE) Functions in a Position-Dependent Manner. Virology, 1997, 236, 118-129.	2.4	45
16	Impact of the Sinopharmâ€™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). Vaccine, 2022, 40, 2003-2010.	3.8	39
17	Ethanolic Neem (Azadirachta indica) Leaf Extract Prevents Growth of MCF-7 and HeLa Cells and Potentiates the Therapeutic Index of Cisplatin. Journal of Oncology, 2014, 2014, 1-10.	1.3	37
18	SHAPE analysis of the FIV Leader RNA reveals a structural switch potentially controlling viral packaging and genome dimerization. Nucleic Acids Research, 2011, 39, 6692-6704.	14.5	36

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19	The secondary structure of the 5â€² end of the FIV genome reveals a long-range interaction between R/U5 and gag sequences, and a large, stable stemâ€“loop. Rna, 2008, 14, 2597-2608.	3.5	35
20	Passive immunization against oral AIDS virus transmission: An approach to prevent mother-to-infant HIV-1 transmission?. Journal of Medical Primatology, 2001, 30, 190-196.	0.6	33
21	Delineation of sequences important for efficient packaging of feline immunodeficiency virus RNA. Journal of General Virology, 2003, 84, 621-627.	2.9	30
22	Role of Mason-Pfizer Monkey Virus (MPMV) Constitutive Transport Element (CTE) in the Propagation of MPMV Vectors by Genetic Complementation Using Homologous/HeterologousenvGenes. Virology, 1996, 224, 517-532.	2.4	29
23	Optimal Packaging of FIV Genomic RNA Depends upon a Conserved Long-range Interaction and a Palindromic Sequence within gag. Journal of Molecular Biology, 2010, 403, 103-119.	4.2	29
24	Structural basis of genomic RNA (gRNA) dimerization and packaging determinants of mouse mammary tumor virus (MMTV). Retrovirology, 2014, 11, 96.	2.0	29
25	The Large Action of Chlorpromazine: Translational and Transdisciplinary Considerations in the Face of COVID-19. Frontiers in Pharmacology, 2020, 11, 577678.	3.5	29
26	Sequences within the gag gene of feline immunodeficiency virus (FIV) are important for efficient RNA encapsidation. Virus Research, 2003, 93, 199-209.	2.2	28
27	Cross- and Co-Packaging of Retroviral RNAs and Their Consequences. Viruses, 2016, 8, 276.	3.3	28
28	Sequences Intervening between the Core Packaging Determinants Are Dispensable for Maintaining the Packaging Potential and Propagation of Feline Immunodeficiency Virus Transfer Vector RNAs. Journal of Virology, 2005, 79, 13817-13821.	3.4	27
29	A Gâ€“C-Rich Palindromic Structural Motif and a Stretch of Single-Stranded Purines Are Required for Optimal Packaging of Masonâ€“Pfizer Monkey Virus (MPMV) Genomic RNA. Journal of Molecular Biology, 2010, 401, 996-1014.	4.2	25
30	Sequences within Both the 5â€² UTR and Gag Are Required for Optimal In Vivo Packaging and Propagation of Mouse Mammary Tumor Virus (MMTV) Genomic RNA. PLoS ONE, 2012, 7, e47088.	2.5	25
31	SHAPE analysis of the 5â€² end of the Mason-Pfizer monkey virus (MPMV) genomic RNA reveals structural elements required for genome dimerization. Rna, 2013, 19, 1648-1658.	3.5	24
32	Poor survival but high immunogenicity of IL-2-expressing Salmonella typhimurium in inherently resistant mice. Microbes and Infection, 2004, 6, 350-359.	1.9	20
33	Sequences within both the 5â€² untranslated region and the Gag gene are important for efficient encapsidation of Masonâ€“Pfizer monkey virus RNA. Virology, 2003, 309, 166-178.	2.4	19
34	Packaging of Mason-Pfizer monkey virus (MPMV) genomic RNA depends upon conserved long-range interactions (LRIs) between U5 andgagsequences. Rna, 2016, 22, 905-919.	3.5	19
35	In vitro efficacy of ceftazidime-avibactam, aztreonam-avibactam and other rescue antibiotics against carbapenem-resistant Enterobacterales from the Arabian Peninsula. International Journal of Infectious Diseases, 2020, 99, 253-259.	3.3	19
36	Enhancement of mucosal immune response against HIV-1 Gag by DNA immunization. Vaccine, 2001, 19, 2995-3003.	3.8	18

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37	Both the 5â€² and 3â€² LTRs of FIV contain minor RNA encapsidation determinants compared to the two core packaging determinants within the 5â€² untranslated region and gag. Microbes and Infection, 2006, 8, 767-778.	1.9	18
38	Reciprocal cross-packaging of primate lentiviral (HIV-1 and SIV) RNAs by heterologous non-lentiviral MPMV proteins. Virus Research, 2011, 155, 352-357.	2.2	18
39	Relative activity of the feline immunodeficiency virus promoter in feline and primate cell lines. Microbes and Infection, 2005, 7, 233-239.	1.9	17
40	Role of a heterologous retroviral transport element in the development of genetic complementation assay for mouse mammary tumor virus (MMTV) replication. Virology, 2009, 385, 464-472.	2.4	16
41	Virus detection and quantification using electrical parameters. Scientific Reports, 2014, 4, 6831.	3.3	16
42	Mutational analysis of the predicted secondary RNA structure of the Mason-Pfizer monkey virus packaging signal. Virus Research, 2004, 99, 35-46.	2.2	14
43	Cross-packaging of genetically distinct mouse and primate retroviral RNAs. Retrovirology, 2009, 6, 66.	2.0	14
44	Estrogenic Activities of Ten Medicinal Herbs from the Middle East. Journal of Chromatographic Science, 2013, 51, 33-39.	1.4	14
45	Label-Free Capacitance-Based Identification of Viruses. Scientific Reports, 2015, 5, 9809.	3.3	14
46	A cis-Acting Element Downstream of the Mouse Mammary Tumor Virus Major Splice Donor Critical for RNA Elongation and Stability. Journal of Molecular Biology, 2018, 430, 4307-4324.	4.2	14
47	The bifurcated stem loop 4 (SL4) is crucial for efficient packaging of mouse mammary tumor virus (MMTV) genomic RNA. RNA Biology, 2018, 15, 1-13.	3.1	13
48	Biochemical and Functional Characterization of Mouse Mammary Tumor Virus Full-Length Pr77Gag Expressed in Prokaryotic and Eukaryotic Cells. Viruses, 2018, 10, 334.	3.3	13
49	Reactivation of HIV Type 1 in Chronically Infected Chimpanzees Following Xenostimulation with Human Cells or with Pulses of Corticosteroid. AIDS Research and Human Retroviruses, 1997, 13, 377-381.	1.1	12
50	Purification and Functional Characterization of a Biologically Active Full-Length Feline Immunodeficiency Virus (FIV) Pr50Gag. Viruses, 2019, 11, 689.	3.3	12
51	Propagation of SIV Vectors by Genetic Complementation with a HeterologousenvGene. AIDS Research and Human Retroviruses, 1992, 8, 89-95.	1.1	11
52	Molecular Characterization of MCR-1 Producing Enterobacterales Isolated in Poultry Farms in the United Arab Emirates. Antibiotics, 2022, 11, 305.	3.7	10
53	Expression, purification, and characterization of biologically active full-length Mason-Pfizer monkey virus (MPMV) Pr78Gag. Scientific Reports, 2018, 8, 11793.	3.3	9
54	Stabilizing role of structural elements within the 5Â´ Untranslated Region (UTR) and gag sequences in Mason-Pfizer monkey virus (MPMV) genomic RNA packaging. RNA Biology, 2019, 16, 612-625.	3.1	9

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55	A purine loop and the primer binding site are critical for the selective encapsidation of mouse mammary tumor virus genomic RNA by Pr77Gag. Nucleic Acids Research, 2021, 49, 4668-4688.	14.5	9
56	Diversity of carbapenem-resistant Klebsiella pneumoniae ST14 and emergence of a subgroup with KL64 capsular locus in the Arabian Peninsula. European Journal of Clinical Microbiology and Infectious Diseases, 2021, , 1.	2.9	9
57	Electrical characterization of DNA supported on nitrocellulose membranes. Scientific Reports, 2016, 6, 29089.	3.3	7
58	Identification of Pr78Gag Binding Sites on the Mason-Pfizer Monkey Virus Genomic RNA Packaging Determinants. Journal of Molecular Biology, 2021, 433, 166923.	4.2	7
59	Kaempferol Regresses Carcinogenesis through a Molecular Cross Talk Involved in Proliferation, Apoptosis and Inflammation on Human Cervical Cancer Cells, HeLa. Applied Sciences (Switzerland), 2022, 12, 3155.	2.5	7
60	Electrical detection and quantification of single and mixed DNA nucleotides in suspension. Scientific Reports, 2016, 6, 34016.	3.3	5
61	Role of Purine-Rich Regions in Mason-Pfizer Monkey Virus (MPMV) Genomic RNA Packaging and Propagation. Frontiers in Microbiology, 2020, 11, 595410.	3.5	5
62	Electrical detection of blood cells in urine. Heliyon, 2020, 6, e03102.	3.2	5
63	Optical Detection of SARS-CoV-2 Utilizing Antigen-Antibody Binding Interactions. Sensors, 2021, 21, 6596.	3.8	5
64	The first nationwide surveillance of carbapenem-resistant Enterobacterales in the United Arab Emirates â€“ increased association of Klebsiella pneumoniae CC14 clone with Emirati patients. International Journal of Infectious Diseases, 2022, 120, 103-112.	3.3	5
65	Multistage Hepatocarcinogenesis in the Rat as a Basis for Models of Risk Assessment of Carcinogenesis. , 1990, , 69-95.		4
66	A Stretch of Unpaired Purines in the Leader Region of Simian Immunodeficiency Virus (SIV) Genomic RNA is Critical for its Packaging into Virions. Journal of Molecular Biology, 2021, 433, 167293.	4.2	4
67	Simian immunodeficiency virus vectors: Replication and pseudotyping. Journal of Medical Primatology, 1992, 21, 69-73.	0.6	3
68	Detection of Mouse Mammary Tumor Virus (MMTV) Particles in an Immortalized T Cell Line Based on Electrical Parameters. IEEE Access, 2018, 6, 63597-63605.	4.2	2
69	Simultaneous and rapid quantification of microalga biomolecule content using electrochemical impedance spectroscopy. Biotechnology Progress, 2020, 36, e3037.	2.6	2
70	Virus detection by monitoring its radio frequency response versus temperature. , 2016, , .		1
71	Detection of SARS-CoV-2 in COVID-19 Patient Nasal Swab Samples Using Signal Processing. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 164-174.	10.8	1
72	Close proximity of the MPMV CTE to the polyadenylation sequences is important for efficient function in the subgenomic context. Virus Research, 2004, 105, 209-218.	2.2	0

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73	Human Monoclonal Antibodies Protect Neonatal and Adult Rhesus Monkeys from Mucosal or Parenteral Immunodeficiency Virus Exposure. Pediatric Research, 1999, 45, 156A-156A.	2.3	0