

# Fatah Kashanchi

## 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.

80  
papers

2,483  
citations

29  
h-index

48  
g-index

91  
ext. papers

3,056  
ext. citations

5.1  
avg. IF

5.05  
L-index

#	Paper	IF	Citations
80	Retroviral infection of human neurospheres and use of stem Cell EVs to repair cellular damage.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2019	4.9	1
79	Combination Cancer Immunotherapy with Dendritic Cell Vaccine and Nanoparticles Loaded with Interleukin-15 and Anti-beta-catenin siRNA Significantly Inhibits Cancer Growth and Induces Anti-Tumor Immune Response.. <i>Pharmaceutical Research</i> , <b>2022</b> , 39, 353	4.5	0
78	Molecular variants of SARS-CoV-2: antigenic properties and current vaccine efficacy.. <i>Medical Microbiology and Immunology</i> , <b>2022</b> , 1	4	2
77	Extracellular vesicles from HTLV-1 infected cells modulate target cells and viral spread. <i>Retrovirology</i> , <b>2021</b> , 18, 6	3.6	10
76	Exosomes for mRNA delivery: a novel biotherapeutic strategy with hurdles and hope. <i>BMC Biotechnology</i> , <b>2021</b> , 21, 20	3.5	17
75	Autophagy in Human T-Cell Leukemia Virus Type 1 (HTLV-1) Induced Leukemia. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 641269	5.3	5
74	The sphingosine kinase 1 activator, K6PC-5, attenuates Ebola virus infection. <i>IScience</i> , <b>2021</b> , 24, 102266	6.1	3
73	Extracellular Vesicles from Infected Cells Are Released Prior to Virion Release. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
72	Cocaine augments neuro-inflammation via modulating extracellular vesicle release in HIV-1 infected immune cells. <i>Retrovirology</i> , <b>2021</b> , 18, 26	3.6	0
71	A comprehensive review of COVID-19 biology, diagnostics, therapeutics, and disease impacting the central nervous system. <i>Journal of NeuroVirology</i> , <b>2021</b> , 27, 667-690	3.9	5
70	HIV-1 Tat and cocaine impact astrocytic energy reservoir influence on miRNA epigenetic regulation. <i>Genomics</i> , <b>2021</b> , 113, 3461-3475	4.3	0
69	The versatile role of exosomes in human retroviral infections: from immunopathogenesis to clinical application. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 19	9.8	36
68	Exosomes originating from infection with the cytoplasmic single-stranded RNA virus Rift Valley fever virus (RVFV) protect recipient cells by inducing RIG-I mediated IFN-B response that leads to activation of autophagy.. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 220	9.8	0
67	Use of Stem Cell Extracellular Vesicles as a "Holistic" Approach to CNS Repair. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 455	5.7	13
66	Extracellular Vesicle Activation of Latent HIV-1 Is Driven by EV-Associated c-Src and Cellular SRC-1 via the PI3K/AKT/mTOR Pathway. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
65	Differences in Transcriptional Dynamics Between T-cells and Macrophages as Determined by a Three-State Mathematical Model. <i>Scientific Reports</i> , <b>2020</b> , 10, 2227	4.9	3
64	Lamivudine-resistant HIV is durably suppressed with dolutegravir plus lamivudine dual therapy in humanised mice. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 20, 316-317	3.4	1

63	Forty Years of Research and Treatment in Immunology and Allergy: In Honor of Professor Reza Farid Hosseini. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , <b>2020</b> , 19, 18-26	1.1	
62	Identification of Modulators of HIV-1 Proviral Transcription from a Library of FDA-Approved Pharmaceuticals. <i>Viruses</i> , <b>2020</b> , 12,	6.2	2
61	Dexosomes as a cell-free vaccine for cancer immunotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2020</b> , 39, 258	12.8	39
60	Low-Level Ionizing Radiation Induces Selective Killing of HIV-1-Infected Cells with Reversal of Cytokine Induction Using mTOR Inhibitors. <i>Viruses</i> , <b>2020</b> , 12,	6.2	4
59	Lipoarabinomannan antigenic epitope differences in tuberculosis disease subtypes. <i>Scientific Reports</i> , <b>2020</b> , 10, 13944	4.9	2
58	Extracellular Vesicles in HTLV-1 Communication: The Story of an Invisible Messenger. <i>Viruses</i> , <b>2020</b> , 12,	6.2	2
57	Stem Cell Extracellular Vesicles and their Potential to Contribute to the Repair of Damaged CNS Cells. <i>Journal of NeuroImmune Pharmacology</i> , <b>2020</b> , 15, 520-537	6.9	16
56	Purification of High Yield Extracellular Vesicle Preparations Away from Virus. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	8
55	Extracellular Vesicles and Ebola Virus: A New Mechanism of Immune Evasion. <i>Viruses</i> , <b>2019</b> , 11,	6.2	15
54	Effect of transcription inhibition and generation of suppressive viral non-coding RNAs. <i>Retrovirology</i> , <b>2019</b> , 16, 13	3.6	10
53	Design of Tat-Activated Cdk9 Inhibitor. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2019</b> , 25, 807-817	2.1	5
52	An Omics Approach to Extracellular Vesicles from HIV-1 Infected Cells. <i>Cells</i> , <b>2019</b> , 8,	7.9	9
51	HTLV-1 Extracellular Vesicles Promote Cell-to-Cell Contact. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2147	5.7	25
50	Morphine counteracts the antiviral effect of antiretroviral drugs and causes upregulation of p62/SQSTM1 and histone-modifying enzymes in HIV-infected astrocytes. <i>Journal of NeuroVirology</i> , <b>2019</b> , 25, 263-274	3.9	12
49	STLV-1 as a model for studying HTLV-1 infection. <i>Retrovirology</i> , <b>2019</b> , 16, 41	3.6	6
48	Presence of Tat and transactivation response element in spinal fluid despite antiretroviral therapy. <i>Aids</i> , <b>2019</b> , 33 Suppl 2, S145-S157	3.5	48
47	Role of Exosomes in Human Retroviral Mediated Disorders. <i>Journal of NeuroImmune Pharmacology</i> , <b>2018</b> , 13, 279-291	6.9	10
46	Tat controls transcriptional persistence of unintegrated HIV genome in primary human macrophages. <i>Virology</i> , <b>2018</b> , 518, 241-252	3.6	12

45	Advances, challenges, and opportunities in extracellular RNA biology: insights from the NIH exRNA Strategic Workshop. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	31
44	Viral antigens detectable in CSF exosomes from patients with retrovirus associated neurologic disease: functional role of exosomes. <i>Clinical and Translational Medicine</i> , <b>2018</b> , 7, 24	5.7	27
43	Autophagy, EVs, and Infections: A Perfect Question for a Perfect Time. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 362	5.9	35
42	Complementary Mechanisms Potentially Involved in the Pathology of Zika Virus. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2340	8.4	17
41	Ebola Virus VP40 Modulates Cell Cycle and Biogenesis of Extracellular Vesicles. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, S365-S387	7	28
40	Antiretroviral Drugs Alter the Content of Extracellular Vesicles from HIV-1-Infected Cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 7653	4.9	43
39	Removal of HIV DNA by CRISPR from Patient Blood Engrafts in Humanized Mice. <i>Molecular Therapy - Nucleic Acids</i> , <b>2018</b> , 12, 275-282	10.7	51
38	Biodegradable Nanoparticles for Delivery of Therapeutics in CNS Infection. <i>Journal of NeuroImmune Pharmacology</i> , <b>2017</b> , 12, 31-50	6.9	27
37	The Role of Exosomal VP40 in Ebola Virus Disease. <i>DNA and Cell Biology</i> , <b>2017</b> , 36, 243-248	3.6	22
36	Intranasal drug delivery of small interfering RNA targeting Beclin1 encapsulated with polyethylenimine (PEI) in mouse brain to achieve HIV attenuation. <i>Scientific Reports</i> , <b>2017</b> , 7, 1862	4.9	58
35	Exosomes from uninfected cells activate transcription of latent HIV-1. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 11682-11701	5.4	42
34	The Human Immunodeficiency Virus 1 ASP RNA promotes viral latency by recruiting the Polycomb Repressor Complex 2 and promoting nucleosome assembly. <i>Virology</i> , <b>2017</b> , 506, 34-44	3.6	49
33	Isolation of Exosomes from HTLV-1-Infected Cells. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1582, 57-75	1.4	6
32	Monocyte-derived exosomes upon exposure to cigarette smoke condensate alter their characteristics and show protective effect against cytotoxicity and HIV-1 replication. <i>Scientific Reports</i> , <b>2017</b> , 7, 16120	4.9	24
31	Presence of Viral microRNA in Extracellular Environments. <i>EBioMedicine</i> , <b>2017</b> , 20, 9-10	8.8	2
30	Interplay between Autophagy, Exosomes and HIV-1 Associated Neurological Disorders: New Insights for Diagnosis and Therapeutic Applications. <i>Viruses</i> , <b>2017</b> , 9,	6.2	37
29	Inhibition of HIV-1 infection in humanized mice and metabolic stability of protein phosphatase-1-targeting small molecule 1E7-03. <i>Oncotarget</i> , <b>2017</b> , 8, 76749-76769	3.3	8
28	HIV-1 Transcription Inhibitors Increase the Synthesis of Viral Non-Coding RNA that Contribute to Latency. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4133-4144	3.3	7

27	Exosomes in Viral Disease. <i>Neurotherapeutics</i> , <b>2016</b> , 13, 535-46	6.4	110
26	Potential of Radiation-Induced Cellular Stress for Reactivation of Latent HIV-1 and Killing of Infected Cells. <i>AIDS Research and Human Retroviruses</i> , <b>2016</b> , 32, 120-4	1.6	11
25	Exosomes from HIV-1-infected Cells Stimulate Production of Pro-inflammatory Cytokines through Trans-activating Response (TAR) RNA. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 1251-66	5.4	128
24	Presence of Viral RNA and Proteins in Exosomes from Cellular Clones Resistant to Rift Valley Fever Virus Infection. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 139	5.7	40
23	Ebola VP40 in Exosomes Can Cause Immune Cell Dysfunction. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1765	5.7	49
22	Zika Virus: A New Animal Model for an Arbovirus. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004702	4.8	8
21	Improvements and Limitations of Humanized Mouse Models for HIV Research: NIH/NIAID "Meet the Experts" 2015 Workshop Summary. <i>AIDS Research and Human Retroviruses</i> , <b>2016</b> , 32, 109-19	1.6	46
20	Role of Bruton's tyrosine kinase inhibitors in HIV-1-infected cells. <i>Journal of NeuroVirology</i> , <b>2015</b> , 21, 257-75	3.9	8
19	Therapeutic doses of irradiation activate viral transcription and induce apoptosis in HIV-1 infected cells. <i>Virology</i> , <b>2015</b> , 485, 1-15	3.6	22
18	Extracellular vesicles from infected cells: potential for direct pathogenesis. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1132	5.7	93
17	Exosomes and their role in CNS viral infections. <i>Journal of NeuroVirology</i> , <b>2014</b> , 20, 199-208	3.9	58
16	The carrying pigeons of the cell: exosomes and their role in infectious diseases caused by human pathogens. <i>Pathogens and Disease</i> , <b>2014</b> , 71, 109-20	4.2	76
15	Novel neuroprotective GSK-3 $\beta$ inhibitor restricts Tat-mediated HIV-1 replication. <i>Journal of Virology</i> , <b>2014</b> , 88, 1189-208	6.6	18
14	Phenyl-1-Pyridin-2-yl-ethanone-based iron chelators increase I $\beta$ -expression, modulate CDK2 and CDK9 activities, and inhibit HIV-1 transcription. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 6558-71	5.9	11
13	Human T-lymphotropic virus type 1-infected cells secrete exosomes that contain Tax protein. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 22284-305	5.4	110
12	The use of Nanotrap particles technology in capturing HIV-1 virions and viral proteins from infected cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e96778	3.7	43
11	Reactive oxygen species activate NF $\kappa$ B (p65) and p53 and induce apoptosis in RVFV infected liver cells. <i>Virology</i> , <b>2014</b> , 449, 270-86	3.6	61
10	Exosomes derived from HTLV-1 infected cells contain the viral protein Tax. <i>Retrovirology</i> , <b>2014</b> , 11, O46	3.6	7

9	Exosomes derived from HIV-1-infected cells contain trans-activation response element RNA. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 20014-33	5.4	196
8	Use of ATP analogs to inhibit HIV-1 transcription. <i>Virology</i> , <b>2012</b> , 432, 219-31	3.6	19
7	Transcriptional Gene Silencing (TGS) via the RNAi Machinery in HIV-1 Infections. <i>Biology</i> , <b>2012</b> , 1, 339-69	4.9	9
6	HTLV tax: a fascinating multifunctional co-regulator of viral and cellular pathways. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 406	5.7	97
5	Identifying the membrane proteome of HIV-1 latently infected cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 8207-18	5.4	47
4	The HTLV-I Tax oncoprotein targets the retinoblastoma protein for proteasomal degradation. <i>Oncogene</i> , <b>2005</b> , 24, 525-40	9.2	90
3	Coordination of transcription factor phosphorylation and histone methylation by the P-TEFb kinase during human immunodeficiency virus type 1 transcription. <i>Journal of Virology</i> , <b>2004</b> , 78, 13522-33	6.6	64
2	The role of cyclin D2 and p21/waf1 in human T-cell leukemia virus type 1 infected cells. <i>Retrovirology</i> , <b>2004</b> , 1, 6	3.6	41
1	Acetylation of HIV-1 Tat by CBP/P300 increases transcription of integrated HIV-1 genome and enhances binding to core histones. <i>Virology</i> , <b>2000</b> , 277, 278-95	3.6	149