

Rafal Kaminski

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,122
citations

361045

20
h-index

360668

35
g-index

35
all docs

35
docs citations

35
times ranked

2450
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-directed gene editing specifically eradicates latent and prevents new HIV-1 infection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11461-11466.	3.3	475
2	Elimination of HIV-1 Genomes from Human T-lymphoid Cells by CRISPR/Cas9 Gene Editing. Scientific Reports, 2016, 6, 22555.	1.6	250
3	Sequential LASER ART and CRISPR Treatments Eliminate HIV-1 in a Subset of Infected Humanized Mice. Nature Communications, 2019, 10, 2753.	5.8	222
4	Excision of HIV-1 DNA by gene editing: a proof-of-concept in vivo study. Gene Therapy, 2016, 23, 690-695.	2.3	167
5	Secreted blood reporters: Insights and applications. Biotechnology Advances, 2011, 29, 997-1003.	6.0	148
6	CRISPR/gRNA-directed synergistic activation mediator (SAM) induces specific, persistent and robust reactivation of the HIV-1 latent reservoirs. Scientific Reports, 2015, 5, 16277.	1.6	130
7	Removal of HIV DNA by CRISPR from Patient Blood Engrafts in Humanized Mice. Molecular Therapy - Nucleic Acids, 2018, 12, 275-282.	2.3	72
8	CRISPR based editing of SIV proviral DNA in ART treated non-human primates. Nature Communications, 2020, 11, 6065.	5.8	66
9	CRISPR/Cas9 System as an Agent for Eliminating Polyomavirus JC Infection. PLoS ONE, 2015, 10, e0136046.	1.1	65
10	Negative Feedback Regulation of HIV-1 by Gene Editing Strategy. Scientific Reports, 2016, 6, 31527.	1.6	50
11	Role of Hexokinase-1 in the survival of HIV-1-infected macrophages. Cell Cycle, 2015, 14, 980-989.	1.3	45
12	Genome editing strategies: potential tools for eradicating HIV-1/AIDS. Journal of NeuroVirology, 2015, 21, 310-321.	1.0	39
13	Impact of Acquisition Geometry, Image Processing, and Patient Size on Lesion Detection in Whole-Body 18F-FDG PET. Journal of Nuclear Medicine, 2007, 48, 1951-1960.	2.8	35
14	JC Virus Agnoprotein Inhibits In Vitro Differentiation of Oligodendrocytes and Promotes Apoptosis. Journal of Virology, 2008, 82, 1558-1569.	1.5	34
15	HIV-1 Latency and Eradication: Past, Present and Future. Current HIV Research, 2016, 14, 431-441.	0.2	29
16	HIV-1 Nef-induced cardiotoxicity through dysregulation of autophagy. Scientific Reports, 2017, 7, 8572.	1.6	28
17	JCV agnoprotein-induced reduction in CXCL5/LIX secretion by oligodendrocytes is associated with activation of apoptotic signaling in neurons. Journal of Cellular Physiology, 2012, 227, 3119-3127.	2.0	26
18	Cross-Interaction between JC Virus Agnoprotein and Human Immunodeficiency Virus Type 1 (HIV-1) Tat Modulates Transcription of the HIV-1 Long Terminal Repeat in Glial Cells. Journal of Virology, 2006, 80, 9288-9299.	1.5	23

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19	Polyomavirus JC infection inhibits differentiation of oligodendrocyte progenitor cells. <i>Journal of Neuroscience Research</i> , 2013, 91, 116-127.	1.3	23
20	Protective role of Pur α to cisplatin. <i>Cancer Biology and Therapy</i> , 2008, 7, 1926-1935.	1.5	21
21	CRISPR Editing Technology in Biological and Biomedical Investigation. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3586-3594.	1.2	21
22	Isolation and Propagation of Primary Human and Rodent Embryonic Neural Progenitor Cells and Cortical Neurons. <i>Methods in Molecular Biology</i> , 2013, 1078, 45-54.	0.4	21
23	Evidence for modulation of BAG3 by polyomavirus JC early protein. <i>Journal of General Virology</i> , 2009, 90, 1629-1640.	1.3	17
24	Pur α as a cellular co-factor of Rev/RRE-mediated expression of HIV-1 intron-containing mRNA. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1231-1245.	1.2	13
25	Role of Pur α in the cellular response to ultraviolet-C radiation. <i>Cell Cycle</i> , 2010, 9, 4164-4173.	1.3	12
26	Rad51 Activates Polyomavirus JC Early Transcription. <i>PLoS ONE</i> , 2014, 9, e110122.	1.1	12
27	Role of Puralpha in the modulation of homologous recombination-directed DNA repair by HIV-1 Tat. <i>Anticancer Research</i> , 2008, 28, 1441-7.	0.5	12
28	The effect of triethyllead on the motile activity of walker 256 carcinosarcoma cells. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 15-30.	2.7	12
29	Interplay of Rad51 with NF- κ B Pathway Stimulates Expression of HIV-1. <i>PLoS ONE</i> , 2014, 9, e98304.	1.1	10
30	Non-Metabolic Role of PKM2 in Regulation of the HIV-1 LTR. <i>Journal of Cellular Physiology</i> , 2017, 232, 517-525.	2.0	10
31	Gene Editing for Treatment of Neurological Infections. <i>Neurotherapeutics</i> , 2016, 13, 547-554.	2.1	9
32	Amplification of Replication Competent HIV-1 by Adoptive Transfer of Human Cells From Infected Humanized Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 38.	1.8	7
33	Human neurotropic polyomavirus, JC virus, agnoprotein targets mitochondrion and modulates its functions. <i>Virology</i> , 2021, 553, 135-153.	1.1	7
34	The Level of DING Proteins Is Increased in HIV-Infected Patients: In Vitro and In Vivo Studies. <i>PLoS ONE</i> , 2012, 7, e33062.	1.1	7
35	Isolation and Propagation of Primary Human and Rodent Embryonic and. <i>Methods in Molecular Biology</i> , 2021, 2311, 51-61.	0.4	4