

Ariberto Fassati

List of Publications by Citations

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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.

59
papers

2,566
citations

26
h-index

50
g-index

63
ext. papers

2,876
ext. citations

9.5
avg, IF

5
L-index

#	Paper	IF	Citations
59	Clonal origin and evolution of a transmissible cancer. <i>Cell</i> , 2006 , 126, 477-87	56.2	299
58	Characterization of intracellular reverse transcription complexes of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 2001 , 75, 3626-35	6.6	267
57	Nuclear import of HIV-1 intracellular reverse transcription complexes is mediated by importin 7. <i>EMBO Journal</i> , 2003 , 22, 3675-85	13	141
56	Characterization of intracellular reverse transcription complexes of Moloney murine leukemia virus. <i>Journal of Virology</i> , 1999 , 73, 8919-25	6.6	118
55	Transmissible [corrected] dog cancer genome reveals the origin and history of an ancient cell lineage. <i>Science</i> , 2014 , 343, 437-440	33.3	116
54	Transportin 3 promotes a nuclear maturation step required for efficient HIV-1 integration. <i>PLoS Pathogens</i> , 2011 , 7, e1002194	7.6	105
53	Structural basis for nuclear import of splicing factors by human Transportin 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2728-33	11.5	88
52	tRNAs promote nuclear import of HIV-1 intracellular reverse transcription complexes. <i>PLoS Biology</i> , 2006 , 4, e332	9.7	86
51	Structural analyses of purified human immunodeficiency virus type 1 intracellular reverse transcription complexes. <i>Journal of Virology</i> , 2003 , 77, 8196-206	6.6	82
50	Heat shock protein 90 controls HIV-1 reactivation from latency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1528-37	11.5	81
49	A sexually transmitted parasitic cancer. <i>Retrovirology</i> , 2006 , 3, 1	3.6	78
48	Multiple roles of the capsid protein in the early steps of HIV-1 infection. <i>Virus Research</i> , 2012 , 170, 15-246.4		75
47	Nuclear import of viral DNA genomes. <i>Traffic</i> , 2003 , 4, 136-43	5.7	72
46	Gyrase B inhibitor impairs HIV-1 replication by targeting Hsp90 and the capsid protein. <i>Journal of Biological Chemistry</i> , 2010 , 285, 39314-28	5.4	68
45	HIV-1 exploits importin 7 to maximize nuclear import of its DNA genome. <i>Retrovirology</i> , 2009 , 6, 11	3.6	68
44	Inhibition of HIV-1 replication by isoxazolidine and isoxazole sulfonamides. <i>Chemical Biology and Drug Design</i> , 2010 , 75, 461-74	2.9	66
43	Myogenic cell proliferation and generation of a reversible tumorigenic phenotype are triggered by preirradiation of the recipient site. <i>Journal of Cell Biology</i> , 2002 , 157, 693-702	7.3	61

42	HIV infection of non-dividing cells: a divisive problem. <i>Retrovirology</i> , 2006 , 3, 74	3.6	57
41	Hyperthermia stimulates HIV-1 replication. <i>PLoS Pathogens</i> , 2012 , 8, e1002792	7.6	50
40	Nanoscale stiffness topography reveals structure and mechanics of the transport barrier in intact nuclear pore complexes. <i>Nature Nanotechnology</i> , 2015 , 10, 60-64	28.7	47
39	HIV-1 capsid is involved in post-nuclear entry steps. <i>Retrovirology</i> , 2016 , 13, 28	3.6	47
38	HIV-1 selectively targets gut-homing CCR6+CD4+ T cells via mTOR-dependent mechanisms. <i>JCI Insight</i> , 2017 , 2,	9.9	46
37	Characterization of Moloney murine leukemia virus p12 mutants blocked during early events of infection. <i>Journal of Virology</i> , 2002 , 76, 10801-10	6.6	34
36	Molecular Signatures of Regression of the Canine Transmissible Venereal Tumor. <i>Cancer Cell</i> , 2018 , 33, 620-633.e6	24.3	31
35	Bistable collective behavior of polymers tethered in a nanopore. <i>Physical Review E</i> , 2012 , 85, 061917	2.4	31
34	Efficiency of in vivo gene transfer using murine retroviral vectors is strain-dependent in mice. <i>Human Gene Therapy</i> , 1995 , 6, 1177-83	4.8	26
33	Testing the theory of immune selection in cancers that break the rules of transplantation. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 643-51	7.4	24
32	Biomechanics of the transport barrier in the nuclear pore complex. <i>Seminars in Cell and Developmental Biology</i> , 2017 , 68, 42-51	7.5	23
31	Physical modelling of the nuclear pore complex. <i>Soft Matter</i> , 2013 , 9, 10442	3.6	23
30	Molecular evolution of broadly neutralizing Llama antibodies to the CD4-binding site of HIV-1. <i>PLoS Pathogens</i> , 2014 , 10, e1004552	7.6	23
29	Oxidative Stress Triggers Selective tRNA Retrograde Transport in Human Cells during the Integrated Stress Response. <i>Cell Reports</i> , 2019 , 26, 3416-3428.e5	10.6	22
28	Transplantation of retroviral producer cells for in vivo gene transfer into mouse skeletal muscle. <i>Human Gene Therapy</i> , 1996 , 7, 595-602	4.8	22
27	Chronic progressive external ophthalmoplegia: a correlative study of quantitative molecular data and histochemical and biochemical profile. <i>Journal of the Neurological Sciences</i> , 1994 , 123, 140-6	3.2	20
26	Atomic force microscopy reveals structural variability amongst nuclear pore complexes. <i>Life Science Alliance</i> , 2018 , 1, e201800142	5.8	19
25	Importin-7 mediates nuclear trafficking of DNA in mammalian cells. <i>Traffic</i> , 2013 , 14, 165-75	5.7	16

24	Dynamics and mechanisms of clonal expansion of HIV-1-infected cells in a humanized mouse model. <i>Scientific Reports</i> , 2017 , 7, 6913	4.9	16
23	Digoxin reveals a functional connection between HIV-1 integration preference and T-cell activation. <i>PLoS Pathogens</i> , 2017 , 13, e1006460	7.6	15
22	Viruses challenge selectivity barrier of nuclear pores. <i>Viruses</i> , 2013 , 5, 2410-23	6.2	14
21	A phenotypic recessive, post-entry block in rabbit cells that results in aberrant trafficking of HIV-1. <i>Traffic</i> , 2006 , 7, 978-92	5.7	14
20	Hsp90: a chaperone for HIV-1. <i>Parasitology</i> , 2014 , 141, 1192-202	2.7	10
19	Positive selection in dNTPase SAMHD1 throughout mammalian evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18647-18654	11.5	9
18	Insertion of two independent enhancers in the long terminal repeat of a self-inactivating vector results in high-titer retroviral vectors with tissue-specific expression. <i>Human Gene Therapy</i> , 1998 , 9, 2459-2468	4.8	9
17	Production of high titre helper-free recombinant retroviral vectors by lipofection. <i>Nucleic Acids Research</i> , 1994 , 22, 1117-8	20.1	8
16	Detection and quantitation of human immunodeficiency virus type-1 particles by confocal microscopy. <i>Journal of Virological Methods</i> , 2004 , 120, 13-21	2.6	7
15	Gene therapy of Duchenne muscular dystrophy. <i>Advances in Genetics</i> , 1997 , 35, 117-53	3.3	6
14	Retroviral-mediated gene transfer into murine and human skeletal muscle for the correction of dystrophin deficiency. <i>Biochemical Society Transactions</i> , 1996 , 24, 275S	5.1	5
13	The clammy grip of parasitic tumors. <i>Cell</i> , 2015 , 161, 191-2	56.2	4
12	Methods of preparation and analysis of intracellular reverse transcription complexes. <i>Methods in Molecular Biology</i> , 2009 , 485, 107-19	1.4	4
11	Open journals records to give reviewers their due. <i>Nature</i> , 2007 , 447, 528	50.4	3
10	Retroviral vectors for gene therapy of Duchenne muscular dystrophy. <i>Neurological Sciences</i> , 2000 , 21, S925-7	3.5	3
9	The Role of Capsid in the Early Steps of HIV-1 Infection: New Insights into the Core of the Matter. <i>Viruses</i> , 2021 , 13,	6.2	2
8	Insertion of Two Independent Enhancers in the Long Terminal Repeat of a Self-Inactivating Vector Results in High-Titer Retroviral Vectors with Tissue-Specific Expression. <i>Human Gene Therapy</i> , 1998 , 9, 2459-2468	4.8	1
7	Th17 cell master transcription factor RORC2 regulates HIV-1 gene expression and viral outgrowth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1

6	Th17 cell master transcription factor RORC2 regulates HIV-1 gene expression and viral outgrowth		1
5	Moncef Benkirane awarded 2013 Ming K. Jeang Foundation Retrovirology Prize: landmark HIV-1 research honoured. <i>Retrovirology</i> , 2013 , 10, 38	3.6	0
4	From Duke to King: Michael Malim wins the 2010 Retrovirology Prize. <i>Retrovirology</i> , 2010 , 7, 103	3.6	0
3	Fuse me IFITM can!. <i>Retrovirology</i> , 2014 , 11, 104	3.6	
2	The Deadly Bite of STAT3. <i>Cancer Cell</i> , 2019 , 35, 5-7	24.3	
1	What a dog transmissible tumor can teach us about cancer regression. <i>Molecular and Cellular Oncology</i> , 2018 , 5, e1472059	1.2	