Ariberto Fassati

List of Publications by Year in Descending Order

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	Th17 cell master transcription factor RORC2 regulates HIV-1 gene expression and viral outgrowth. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
58	The Role of Capsid in the Early Steps of HIV-1 Infection: New Insights into the Core of the Matter. *Viruses*, **2021**, 13,	6.2	2
57	Positive selection in dNTPase SAMHD1 throughout mammalian evolution. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 18647-18654	11.5	9
56	Oxidative Stress Triggers Selective tRNA Retrograde Transport in Human Cells during the Integrated Stress Response. *Cell Reports*, **2019**, 26, 3416-3428.e5	10.6	22
55	The Deadly Bite of STAT3. *Cancer Cell*, **2019**, 35, 5-7	24.3	
54	Molecular Signatures of Regression of the Canine Transmissible Venereal Tumor. *Cancer Cell*, **2018**, 33, 620-633.e6	24.3	31
53	Atomic force microscopy reveals structural variability amongst nuclear pore complexes. *Life Science Alliance*, **2018**, 1, e201800142	5.8	19
52	What a dog transmissible tumor can teach us about cancer regression. *Molecular and Cellular Oncology*, **2018**, 5, e1472059	1.2	
51	Biomechanics of the transport barrier in the nuclear pore complex. *Seminars in Cell and Developmental Biology*, **2017**, 68, 42-51	7.5	23
50	Dynamics and mechanisms of clonal expansion of HIV-1-infected cells in a humanized mouse model. *Scientific Reports*, **2017**, 7, 6913	4.9	16
49	HIV-1 selectively targets gut-homing CCR6+CD4+ T cells via mTOR-dependent mechanisms. *JCI Insight*, **2017**, 2,	9.9	46
48	Digoxin reveals a functional connection between HIV-1 integration preference and T-cell activation. *PLoS Pathogens*, **2017**, 13, e1006460	7.6	15
47	HIV-1 capsid is involved in post-nuclear entry steps. *Retrovirology*, **2016**, 13, 28	3.6	47
46	The clammy grip of parasitic tumors. *Cell*, **2015**, 161, 191-2	56.2	4
45	Nanoscale stiffness topography reveals structure and mechanics of the transport barrier in intact nuclear pore complexes. *Nature Nanotechnology*, **2015**, 10, 60-64	28.7	47
44	Heat shock protein 90 controls HIV-1 reactivation from latency. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E1528-37	11.5	81
43	Transmissible [corrected] dog cancer genome reveals the origin and history of an ancient cell lineage. *Science*, **2014**, 343, 437-440	33.3	116

42	Structural basis for nuclear import of splicing factors by human Transportin 3. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 2728-33	11.5	88
41	Hsp90: a chaperone for HIV-1. *Parasitology*, **2014**, 141, 1192-202	2.7	10
40	Fuse me IFITM can!. *Retrovirology*, **2014**, 11, 104	3.6	
39	Molecular evolution of broadly neutralizing Llama antibodies to the CD4-binding site of HIV-1. *PLoS Pathogens*, **2014**, 10, e1004552	7.6	23
38	Monsef Benkirane awarded 2013 Ming K. Jeang Foundation Retrovirology Prize: landmark HIV-1 research honoured. *Retrovirology*, **2013**, 10, 38	3.6	0
37	Physical modelling of the nuclear pore complex. *Soft Matter*, **2013**, 9, 10442	3.6	23
36	Importin-7 mediates nuclear trafficking of DNA in mammalian cells. *Traffic*, **2013**, 14, 165-75	5.7	16
35	Viruses challenge selectivity barrier of nuclear pores. *Viruses*, **2013**, 5, 2410-23	6.2	14
34	Multiple roles of the capsid protein in the early steps of HIV-1 infection. *Virus Research*, **2012**, 170, 15-24	6.4	75
33	Hyperthermia stimulates HIV-1 replication. *PLoS Pathogens*, **2012**, 8, e1002792	7.6	50
32	Bistable collective behavior of polymers tethered in a nanopore. *Physical Review E*, **2012**, 85, 061917	2.4	31
31	Transportin 3 promotes a nuclear maturation step required for efficient HIV-1 integration. *PLoS Pathogens*, **2011**, 7, e1002194	7.6	105
30	Inhibition of HIV-1 replication by isoxazolidine and isoxazole sulfonamides. *Chemical Biology and Drug Design*, **2010**, 75, 461-74	2.9	66
29	Gyrase B inhibitor impairs HIV-1 replication by targeting Hsp90 and the capsid protein. *Journal of Biological Chemistry*, **2010**, 285, 39314-28	5.4	68
28	From Duke to King's: Michael Malim wins the 2010 Retrovirology Prize. *Retrovirology*, **2010**, 7, 103	3.6	0
27	Testing the theory of immune selection in cancers that break the rules of transplantation. *Cancer Immunology, Immunotherapy*, **2010**, 59, 643-51	7.4	24
26	HIV-1 exploits importin 7 to maximize nuclear import of its DNA genome. *Retrovirology*, **2009**, 6, 11	3.6	68
25	Methods of preparation and analysis of intracellular reverse transcription complexes. *Methods in Molecular Biology*, **2009**, 485, 107-19	1.4	4

24	Open journals Wecords to give reviewers their due. *Nature*, **2007**, 447, 528	50.4	3
23	tRNAs promote nuclear import of HIV-1 intracellular reverse transcription complexes. *PLoS Biology*, **2006**, 4, e332	9.7	86
22	A sexually transmitted parasitic cancer. *Retrovirology*, **2006**, 3, 1	3.6	78
21	HIV infection of non-dividing cells: a divisive problem. *Retrovirology*, **2006**, 3, 74	3.6	57
20	Clonal origin and evolution of a transmissible cancer. *Cell*, **2006**, 126, 477-87	56.2	299
19	A phenotypic recessive, post-entry block in rabbit cells that results in aberrant trafficking of HIV-1. *Traffic*, **2006**, 7, 978-92	5.7	14
18	Detection and quantitation of human immunodeficiency virus type-1 particles by confocal microscopy. *Journal of Virological Methods*, **2004**, 120, 13-21	2.6	7
17	Nuclear import of viral DNA genomes. *Traffic*, **2003**, 4, 136-43	5.7	72
16	Nuclear import of HIV-1 intracellular reverse transcription complexes is mediated by importin 7. *EMBO Journal*, **2003**, 22, 3675-85	13	141
15	Structural analyses of purified human immunodeficiency virus type 1 intracellular reverse transcription complexes. *Journal of Virology*, **2003**, 77, 8196-206	6.6	82
14	Characterization of Moloney murine leukemia virus p12 mutants blocked during early events of infection. *Journal of Virology*, **2002**, 76, 10801-10	6.6	34
13	Myogenic cell proliferation and generation of a reversible tumorigenic phenotype are triggered by preirradiation of the recipient site. *Journal of Cell Biology*, **2002**, 157, 693-702	7.3	61
12	Characterization of intracellular reverse transcription complexes of human immunodeficiency virus type 1. *Journal of Virology*, **2001**, 75, 3626-35	6.6	267
11	Retroviral vectors for gene therapy of Duchenne muscular dystrophy. *Neurological Sciences*, **2000**, 21, S925-7	3.5	3
10	Characterization of intracellular reverse transcription complexes of Moloney murine leukemia virus. *Journal of Virology*, **1999**, 73, 8919-25	6.6	118
9	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. *Human Gene Therapy*, **1998**, 9, 2459-2468	4.8	1
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. *Human Gene Therapy*, **1998**, 9, 2459-68	4.8	9
7	Gene therapy of Duchenne muscular dystrophy. *Advances in Genetics*, **1997**, 35, 117-53	3.3	6

6	Retroviral-mediated gene transfer into murine and human skeletal muscle for the correction of dystrophin deficiency. *Biochemical Society Transactions*, **1996**, 24, 275S	5.1	5
5	Transplantation of retroviral producer cells for in vivo gene transfer into mouse skeletal muscle. *Human Gene Therapy*, **1996**, 7, 595-602	4.8	22
4	Efficiency of in vivo gene transfer using murine retroviral vectors is strain-dependent in mice. *Human Gene Therapy*, **1995**, 6, 1177-83	4.8	26
3	Production of high titre helper-free recombinant retroviral vectors by lipofection. *Nucleic Acids Research*, **1994**, 22, 1117-8	20.1	8
2	Chronic progressive external ophthalmoplegia: a correlative study of quantitative molecular data and histochemical and biochemical profile. *Journal of the Neurological Sciences*, **1994**, 123, 140-6	3.2	20
1	Th17 cell master transcription factor RORC2 regulates HIV-1 gene expression and viral outgrowth		1