Ariberto Fassati

List of Publications by Year
in descending order

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61 papers	2,966 citations	201658 27 h-index	168376 53 g-index
63 all docs	63 docs citations	63 times ranked	3482 citing authors

#	Article	IF	Citations
1	Clonal Origin and Evolution of a Transmissible Cancer. Cell, 2006, 126, 477-487.	28.9	375
2	Characterization of Intracellular Reverse Transcription Complexes of Human Immunodeficiency Virus Type 1. Journal of Virology, 2001, 75, 3626-3635.	3.4	285
3	Nuclear import of HIV-1 intracellular reverse transcription complexes is mediated by importin 7. EMBO Journal, 2003, 22, 3675-3685.	7.8	155
4	Transmissible Dog Cancer Genome Reveals the Origin and History of an Ancient Cell Lineage. Science, 2014, 343, 437-440.	12.6	144
5	Characterization of Intracellular Reverse Transcription Complexes of Moloney Murine Leukemia Virus. Journal of Virology, 1999, 73, 8919-8925.	3.4	125
6	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, 2728-2733.	7.1	124
7	Transportin 3 Promotes a Nuclear Maturation Step Required for Efficient HIV-1 Integration. PLoS Pathogens, 2011, 7, e1002194.	4.7	114
8	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.	7.1	99
9	Structural Analyses of Purified Human Immunodeficiency Virus Type 1 Intracellular Reverse Transcription Complexes. Journal of Virology, 2003, 77, 8196-8206.	3.4	93
10	tRNAs Promote Nuclear Import of HIV-1 Intracellular Reverse Transcription Complexes. PLoS Biology, 2006, 4, e332.	5.6	91
11	Multiple roles of the capsid protein in the early steps of HIV-1 infection. Virus Research, 2012, 170, 15-24.	2.2	87
12	HIV-1 exploits importin 7 to maximize nuclear import of its DNA genome. Retrovirology, 2009, 6, 11.	2.0	85
13	Nuclear Import of Viral DNA Genomes. Traffic, 2003, 4, 136-143.	2.7	81
14	Inhibition of HIVâ€1 Replication by Isoxazolidine and Isoxazole Sulfonamides. Chemical Biology and Drug Design, 2010, 75, 461-474.	3.2	75
15	HIV-1 selectively targets gut-homing CCR6+CD4+ T cells via mTOR-dependent mechanisms. JCI Insight, 2017, 2, .	5.0	75
16	Gyrase B Inhibitor Impairs HIV-1 Replication by Targeting Hsp90 and the Capsid Protein. Journal of Biological Chemistry, 2010, 285, 39314-39328.	3.4	74
17	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.	5.2	67
18	HIV infection of non-dividing cells: a divisive problem. Retrovirology, 2006, 3, 74.	2.0	64

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19	Nanoscale stiffness topography reveals structure and mechanics of the transport barrier in intact nuclear pore complexes. Nature Nanotechnology, 2015, 10, 60-64.	31.5	57
20	Hyperthermia Stimulates HIV-1 Replication. PLoS Pathogens, 2012, 8, e1002792.	4.7	55
21	HIV-1 capsid is involved in post-nuclear entry steps. Retrovirology, 2016, 13, 28.	2.0	53
22	Characterization of Moloney Murine Leukemia Virus p12 Mutants Blocked during Early Events of Infection. Journal of Virology, 2002, 76, 10801-10810.	3.4	38
23	Biomechanics of the transport barrier in the nuclear pore complex. Seminars in Cell and Developmental Biology, 2017, 68, 42-51.	5.0	37
24	Molecular Signatures of Regression of the Canine Transmissible Venereal Tumor. Cancer Cell, 2018, 33, 620-633.e6.	16.8	37
25	Bistable collective behavior of polymers tethered in a nanopore. Physical Review E, 2012, 85, 061917.	2.1	35
26	Molecular Evolution of Broadly Neutralizing Llama Antibodies to the CD4-Binding Site of HIV-1. PLoS Pathogens, 2014, 10, e1004552.	4.7	34
27	Oxidative Stress Triggers Selective tRNA Retrograde Transport in Human Cells during the Integrated Stress Response. Cell Reports, 2019, 26, 3416-3428.e5.	6.4	34
28	Efficiency ofIn VivoGene Transfer Using Murine Retroviral Vectors Is Strain-Dependent in Mice. Human Gene Therapy, 1995, 6, 1177-1183.	2.7	29
29	Physical modelling of the nuclear pore complex. Soft Matter, 2013, 9, 10442.	2.7	28
30	Atomic force microscopy reveals structural variability amongst nuclear pore complexes. Life Science Alliance, 2018, 1, e201800142.	2.8	28
31	Transplantation of Retroviral Producer Cells forIn VivoGene Transfer into Mouse Skeletal Muscle. Human Gene Therapy, 1996, 7, 595-602.	2.7	25
32	Testing the theory of immune selection in cancers that break the rules of transplantation. Cancer Immunology, Immunotherapy, 2010, 59, 643-651.	4.2	24
33	Dynamics and mechanisms of clonal expansion of HIV-1-infected cells in a humanized mouse model. Scientific Reports, 2017, 7, 6913.	3.3	24
34	Chronic progressive external ophthalmoplegia: A correlative study of quantitative molecular data and histochemical and biochemical profile. Journal of the Neurological Sciences, 1994, 123, 140-146.	0.6	22
35	Digoxin reveals a functional connection between HIV-1 integration preference and T-cell activation. PLoS Pathogens, 2017, 13, e1006460.	4.7	21
36	Importinâ€7 Mediates Nuclear Trafficking of <scp>DNA</scp> in Mammalian Cells. Traffic, 2013, 14, 165-175.	2.7	18

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37	Viruses Challenge Selectivity Barrier of Nuclear Pores. Viruses, 2013, 5, 2410-2423.	3.3	17
38	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, .	7.1	17
39	A Phenotypic Recessive, Post-Entry Block in Rabbit Cells that Results in Aberrant Trafficking of HIV-1. Traffic, 2006, 7, 978-992.	2.7	14
40	Hsp90: a chaperone for HIV-1. Parasitology, 2014, 141, 1192-1202.	1.5	14
41	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.	7.1	14
42	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.	2.7	11
43	The Role of Capsid in the Early Steps of HIV-1 Infection: New Insights into the Core of the Matter. Viruses, 2021, 13, 1161.	3.3	11
44	Production of high titrehelper-freerecombinant retroviral vectors by lipofection. Nucleic Acids Research, 1994, 22, 1117-1118.	14.5	10
45	4. Gene Therapy of Duchenne Muscular Dystrophy. Advances in Genetics, 1997, 35, 117-153.	1.8	7
46	Detection and quantitation of human immunodeficiency virus type-1 particles by confocal microscopy. Journal of Virological Methods, 2004, 120, 13-21.	2.1	7
47	Retroviral-mediated gene transfer into murine and human skeletal muscle for the correction of dystrophin deficiency. Biochemical Society Transactions, 1996, 24, 275S-275S.	3.4	5
48	Retroviral vectors for gene therapy of Duchenne muscular dystrophy. Neurological Sciences, 2000, 21, S925-S927.	1.9	4
49	Open journals' records to give reviewers their due. Nature, 2007, 447, 528-528.	27.8	4
50	The Clammy Grip of Parasitic Tumors. Cell, 2015, 161, 191-192.	28.9	4
51	The KT Jeang Retrovirology Prize 2020: call for nominations. Retrovirology, 2020, 17, 1.	2.0	4
52	Methods of Preparation and Analysis of Intracellular Reverse Transcription Complexes. Methods in Molecular Biology, 2008, 485, 107-119.	0.9	4
53	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.	2.7	1
54	A sexually transmitted parasitic cancer. Retrovirology, 2006, 3, 1.	2.0	1

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55	From Duke to King's: Michael Malim wins the 2010 Retrovirology prize. Retrovirology, 2010, 7, 103.	2.0	1
56	Monsef Benkirane awarded 2013 Ming K. Jeang Foundation Retrovirology Prize: Landmark HIV-1 research honoured. Retrovirology, 2013, 10, 38.	2.0	1
57	Fuse me IFITM can!. Retrovirology, 2014, 11, 104.	2.0	1
58	Professor Mark Wainberg. Retrovirology, 2017, 14, 30.	2.0	1
59	What a dog transmissible tumor can teach us about cancer regression. Molecular and Cellular Oncology, 2018, 5, e1472059.	0.7	0
60	A trip down memory lane with Retrovirology. Retrovirology, 2019, 16, 22.	2.0	0
61	The Deadly Bite of STAT3. Cancer Cell, 2019, 35, 5-7.	16.8	0