

Elisa Vicenzi

List of Publications by Year in descending order

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111
papers

4,565
citations

94381

37
h-index

123376

61
g-index

122
all docs

122
docs citations

122
times ranked

7188
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid development of broadly influenza neutralizing antibodies through redundant mutations. <i>Nature</i> , 2014, 516, 418-422.	13.7	300
2	Interleukin 10 Increases CCR5 Expression and HIV Infection in Human Monocytes. <i>Journal of Experimental Medicine</i> , 1998, 187, 439-444.	4.2	230
3	Heparin Inhibits Cellular Invasion by SARS-CoV-2: Structural Dependence of the Interaction of the Spike S1 Receptor-Binding Domain with Heparin. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1700-1715.	1.8	228
4	Elevated cerebrospinal fluid levels of monocyte chemotactic protein-1 correlate with HIV-1 encephalitis and local viral replication. <i>Aids</i> , 1998, 12, 1327-1332.	1.0	226
5	TRIM22 Inhibits Influenza A Virus Infection by Targeting the Viral Nucleoprotein for Degradation. <i>Journal of Virology</i> , 2013, 87, 4523-4533.	1.5	195
6	<i>Coronaviridae</i> and SARS-associated Coronavirus Strain HSR1. <i>Emerging Infectious Diseases</i> , 2004, 10, 413-418.	2.0	127
7	Human CD34+ Cells Express CXCR4 and Its Ligand Stromal Cell-Derived Factor-1. Implications for Infection by T-Cell Tropic Human Immunodeficiency Virus. <i>Blood</i> , 1999, 94, 62-73.	0.6	117
8	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules. <i>Nature Immunology</i> , 2022, 23, 275-286.	7.0	95
9	Human Immunodeficiency Virus Replication Induces Monocyte Chemotactic Protein-1 in Human Macrophages and U937 Promonocytic Cells. <i>Blood</i> , 1999, 93, 1851-1857.	0.6	92
10	Heparin prevents Zika virus induced-cytopathic effects in human neural progenitor cells. <i>Antiviral Research</i> , 2017, 140, 13-17.	1.9	88
11	TRIM22 Inhibits HIV-1 Transcription Independently of Its E3 Ubiquitin Ligase Activity, Tat, and NF- κ B-Responsive Long Terminal Repeat Elements. <i>Journal of Virology</i> , 2011, 85, 5183-5196.	1.5	87
12	Inhibition of CXCR4-Dependent HIV-1 Infection by Extracellular HIV-1 Tat. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 992-996.	1.0	83
13	Sulfated K5 Escherichia coli polysaccharide derivatives: A novel class of candidate antiviral microbicides. , 2009, 123, 310-322.		82
14	HIV-1-mediated insertional activation of STAT5B and BACH2 trigger viral reservoir in T regulatory cells. <i>Nature Communications</i> , 2017, 8, 498.	5.8	78
15	Constitutive Activation of STATs Upon In Vivo Human Immunodeficiency Virus Infection. <i>Blood</i> , 1999, 94, 4202-4209.	0.6	77
16	Increased Sensitivity of Sars-Coronavirus to a Combination of Human Type I and Type II Interferons. <i>Antiviral Therapy</i> , 2004, 9, 1003-1011.	0.6	77
17	Preclinical Safety and Efficacy of Human CD34+ Cells Transduced With Lentiviral Vector for the Treatment of Wiskott-Aldrich Syndrome. <i>Molecular Therapy</i> , 2013, 21, 175-184.	3.7	72
18	Shorter Survival of SDF1 β Homozygotes Linked to CD4+T Cell Decrease in Advanced Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Infectious Diseases</i> , 2000, 182, 311-315.	1.9	70

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19	Role of proinflammatory cytokines and \hat{I}^2 -chemokines in controlling HIV replication. <i>Journal of Leukocyte Biology</i> , 1997, 62, 34-40.	1.5	67
20	A General Strategy to Endow Natural Fusion-protein-Derived Peptides with Potent Antiviral Activity. <i>PLoS ONE</i> , 2012, 7, e36833.	1.1	67
21	CCR2 Polymorphism and HIV Disease. <i>Nature Medicine</i> , 1998, 4, 252-253.	15.2	63
22	HIV-1 transcriptional silencing caused by TRIM22 inhibition of Sp1 binding to the viral promoter. <i>Retrovirology</i> , 2015, 12, 104.	0.9	62
23	Spreading of HIV-specific CD8+ T-cell repertoire in long-term nonprogressors and its role in the control of viral load and disease activity. <i>Human Immunology</i> , 2001, 62, 561-576.	1.2	55
24	Endogenous CCL2 (monocyte chemotactic protein-1) modulates human immunodeficiency virus type-1 replication and affects cytoskeleton organization in human monocyte-derived macrophages. <i>Blood</i> , 2003, 102, 2334-2337.	0.6	55
25	Influenza A Viruses Grow in Human Pancreatic Cells and Cause Pancreatitis and Diabetes in an Animal Model. <i>Journal of Virology</i> , 2013, 87, 597-610.	1.5	54
26	M1 polarization of human monocyte-derived macrophages restricts pre and postintegration steps of HIV-1 replication. <i>Aids</i> , 2013, 27, 1847-1856.	1.0	54
27	The importance of naturally attenuated SARS-CoV-2 in the fight against COVID-19. <i>Environmental Microbiology</i> , 2020, 22, 1997-2000.	1.8	54
28	Defective nef Alleles in a Cohort of Hemophiliacs with Progressing and Nonprogressing HIV-1 Infection. <i>Virology</i> , 1999, 259, 349-368.	1.1	53
29	Envelope-Dependent Restriction of Human Immunodeficiency Virus Type 1 Spreading in CD4 ⁺ T Lymphocytes: R5 but Not X4 Viruses Replicate in the Absence of T-Cell Receptor Restimulation. <i>Journal of Virology</i> , 1999, 73, 7515-7523.	1.5	52
30	Persistent Replication of Severe Acute Respiratory Syndrome Coronavirus in Human Tubular Kidney Cells Selects for Adaptive Mutations in the Membrane Protein. <i>Journal of Virology</i> , 2008, 82, 5137-5144.	1.5	50
31	Human Endometrial Stromal Cells Are Highly Permissive To Productive Infection by Zika Virus. <i>Scientific Reports</i> , 2017, 7, 44286.	1.6	50
32	A Human Monoclonal Antibody with Neutralizing Activity against Highly Divergent Influenza Subtypes. <i>PLoS ONE</i> , 2011, 6, e28001.	1.1	49
33	Efficacy of Low-Dose Intermittent Subcutaneous Interleukin (IL)-2 in Antiviral Drug-Experienced Human Immunodeficiency Virus-Infected Persons with Detectable Virus Load: A Controlled Study of 3 IL-2 Regimens with Antiviral Drug Therapy. <i>Journal of Infectious Diseases</i> , 2001, 183, 1476-1484.	1.9	48
34	HTLV-II down-regulates HIV-1 replication in IL-2-stimulated primary PBMC of coinfecting individuals through expression of MIP-1 α . <i>Blood</i> , 2000, 95, 2760-2769.	0.6	43
35	New players in cytokine control of HIV infection. <i>Current HIV/AIDS Reports</i> , 2008, 5, 27-32.	1.1	43
36	Selective inhibition of HIV replication in primary macrophages but not T lymphocytes by macrophage-derived chemokine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 9162-9167.	3.3	41

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37	Regulation of HIV expression by viral genes and cytokines. <i>Journal of Leukocyte Biology</i> , 1994, 56, 328-334.	1.5	40
38	Induction of protective antibody response by MF59-adjuvanted 2009 pandemic A/H1N1v influenza vaccine in HIV-1-infected individuals. <i>Aids</i> , 2011, 25, 177-183.	1.0	40
39	Inhibition of influenza H5N1 invasion by modified heparin derivatives. <i>MedChemComm</i> , 2015, 6, 640-646.	3.5	40
40	Genetic polymorphism of CCR5 gene and HIV disease: The heterozygous (CCR5/Δ32) genotype is neither essential nor sufficient for protection against disease progression. <i>European Journal of Immunology</i> , 1997, 27, 3223-3227.	1.6	39
41	Nef Alleles from Human Immunodeficiency Virus Type 1-Infected Long-Term-Nonprogressor Hemophiliacs with or without Late Disease Progression Are Defective in Enhancing Virus Replication and CD4 Down-Regulation. <i>Journal of Virology</i> , 2006, 80, 10663-10674.	1.5	39
42	Amotosalen photochemical inactivation of severe acute respiratory syndrome coronavirus in human platelet concentrates. <i>Transfusion Medicine</i> , 2005, 15, 269-276.	0.5	35
43	Postgenomic up-regulation of CCL3L1 expression in HTLV-2Δinfected persons curtails HIV-1 replication. <i>Blood</i> , 2007, 109, 1850-1856.	0.6	34
44	The Binding Subunit of Pertussis Toxin Inhibits HIV Replication in Human Macrophages and Virus Expression in Chronically Infected Promonocytic U1 Cells. <i>Journal of Immunology</i> , 2001, 166, 1863-1870.	0.4	33
45	Broad spectrum inhibition of HIV-1 infection by sulfated K5 Escherichia coli polysaccharide derivatives. <i>Aids</i> , 2003, 17, 177-181.	1.0	31
46	Single-Nucleotide Polymorphism-Defined Class I and Class III Major Histocompatibility Complex Genetic Subregions Contribute to Natural Long-term Nonprogression in HIV Infection. <i>Journal of Infectious Diseases</i> , 2012, 205, 718-724.	1.9	28
47	Rare mutations in a domain crucial for V3-loop structure prevail in replicating HIV from long-term non-progressors. <i>Aids</i> , 1998, 12, 985-997.	1.0	27
48	1,25-Dihydroxyvitamin D3 Upregulates Functional CXCR4 Human Immunodeficiency Virus Type 1 Coreceptors in U937 Minus Clones: NF-κB-Independent Enhancement of Viral Replication. <i>Journal of Virology</i> , 1998, 72, 8380-8383.	1.5	27
49	Subverting the mechanisms of cell death: flavivirus manipulation of host cell responses to infection. <i>Biochemical Society Transactions</i> , 2018, 46, 609-617.	1.6	26
50	The interferon-stimulated gene TRIM22 : A double-edged sword in HIV-1 infection. <i>Cytokine and Growth Factor Reviews</i> , 2018, 40, 40-47.	3.2	26
51	Inhibition of Herpes Simplex Virus Types 1 and 2 In Vitro Infection by Sulfated Derivatives of Escherichia coli K5 Polysaccharide. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3078-3084.	1.4	25
52	Comparative analysis of immune responses and cytokine profiles elicited in rabbits by the combined use of recombinant fowlpox viruses, plasmids and virus-like particles in prime-boost vaccination protocols against SHIV*1. <i>Vaccine</i> , 2003, 21, 2052-2064.	1.7	24
53	A dimerizable cationic lipid with potential for gene delivery. <i>Journal of Gene Medicine</i> , 2008, 10, 637-645.	1.4	24
54	Ultraviolet Radiation Increases HIV-Long Terminal Repeat-Directed Expression in Transgenic Mice. <i>AIDS Research and Human Retroviruses</i> , 1991, 7, 729-733.	0.5	23

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55	The Puzzling Role of CXCR4 in Human Immunodeficiency Virus Infection. <i>Theranostics</i> , 2013, 3, 18-25.	4.6	23
56	Reversible Human Immunodeficiency Virus Type-1 Latency in Primary Human Monocyte-Derived Macrophages Induced by Sustained M1 Polarization. <i>Scientific Reports</i> , 2018, 8, 14249.	1.6	23
57	Interleukin-6 and Glucocorticoids Synergistically Induce Human Immunodeficiency Virus Type-1 Expression in Chronically Infected U1 Cells by a Long Terminal Repeat Independent Post-Transcriptional Mechanism. <i>Molecular Medicine</i> , 2001, 7, 668-678.	1.9	21
58	Activating Killer Immunoglobulin Receptors and HLA-C: a successful combination providing HIV-1 control. <i>Scientific Reports</i> , 2017, 7, 42470.	1.6	21
59	TRIM22. A Multitasking Antiviral Factor. <i>Cells</i> , 2021, 10, 1864.	1.8	21
60	Frequency of a Mutated CCR-5 Allele (Delta32) among Italian Healthy Donors and Individuals at Risk of Parenteral HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 337-344.	0.5	20
61	Zika Virus Replication in Dorsal Root Ganglia Explants from Interferon Receptor1 Knockout Mice Causes Myelin Degeneration. <i>Scientific Reports</i> , 2018, 8, 10166.	1.6	20
62	Inhibition of R5X4 Dualtropic HIV-1 Primary Isolates by Single Chemokine Co-receptor Ligands. <i>Virology</i> , 2001, 280, 253-261.	1.1	19
63	TUMOR NECROSIS FACTOR- α DRIVES HIV-1 REPLICATION IN U937 CELL CLONES AND UPREGULATES CXCR4. <i>Cytokine</i> , 2001, 13, 55-59.	1.4	18
64	Novel factors interfering with human immunodeficiency virus type 1 replication <i>in vivo</i> and <i>in vitro</i> . <i>Tissue Antigens</i> , 2013, 81, 61-71.	1.0	18
65	Ultraviolet irradiation and cytokines as regulators of HIV latency and expression. <i>Chemico-Biological Interactions</i> , 1994, 91, 101-109.	1.7	17
66	Cytokines in the acquired immunodeficiency syndrome and other infectious diseases. <i>International Journal of Clinical and Laboratory Research</i> , 1995, 25, 128-134.	1.0	17
67	Generation of potent neutralizing human monoclonal antibodies against cytomegalovirus infection from immune B cells. <i>BMC Biotechnology</i> , 2008, 8, 85.	1.7	17
68	Identification of TRIM22 single nucleotide polymorphisms associated with loss of inhibition of HIV-1 transcription and advanced HIV-1 disease. <i>Aids</i> , 2013, 27, 2335-2344.	1.0	17
69	Pandemic Vaccine Preparedness—Have We Left Something Behind?. <i>PLoS Pathogens</i> , 2009, 5, e1000482.	2.1	16
70	Restriction factors of retroviral replication: the example of Tripartite Motif (TRIM) protein 5 α and 22. <i>Amino Acids</i> , 2010, 39, 1-9.	1.2	16
71	Tripartite Motif-Containing Protein 22 Interacts with Class II Transactivator and Orchestrates Its Recruitment in Nuclear Bodies Containing TRIM19/PML and Cyclin T1. <i>Frontiers in Immunology</i> , 2017, 8, 564.	2.2	16
72	Study of 2009 H1N1 Pandemic Influenza Virus as a Possible Causative Agent of Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4343-4356.	1.8	16

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73	Lentiviral Effector Pathways of TRIM Proteins. <i>DNA and Cell Biology</i> , 2014, 33, 191-197.	0.9	15
74	Plastic restriction of HIV-1 replication in human macrophages derived from M1/M2 polarized monocytes. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1147-1153.	1.5	15
75	Immuno-Pharmacological Targeting of Virus-Containing Compartments in HIV-1-Infected Macrophages. <i>Trends in Microbiology</i> , 2016, 24, 558-567.	3.5	15
76	Novel genetic association of TNF- β -238 and PDCD1-7209 polymorphisms with long-term non-progressive HIV-1 infection. <i>International Journal of Infectious Diseases</i> , 2013, 17, e845-e850.	1.5	14
77	Mutations Conferring Increased Sensitivity to Tripartite Motif 22 Restriction Accumulated Progressively in the Nucleoprotein of Seasonal Influenza A (H1N1) Viruses between 1918 and 2009. <i>MSphere</i> , 2018, 3, .	1.3	14
78	Hepatitis C virus (HCV) coinfection in a cohort of HIV positive long-term non-progressors: Possible protective effect of infecting HCV genotype on HIV disease progression. <i>Journal of Clinical Virology</i> , 2007, 39, 82-86.	1.6	13
79	Asymmetric HIV-1 co-receptor use and replication in CD4+ T lymphocytes. <i>Journal of Translational Medicine</i> , 2010, 9, S8.	1.8	13
80	Spontaneous control of HIV-1 viremia in a subject with protective HLA-B plus HLA-C alleles and HLA-C associated single nucleotide polymorphisms. <i>Journal of Translational Medicine</i> , 2014, 12, 335.	1.8	13
81	Heterogeneity of Signal Transducer and Activator of Transcription Binding Sites in the Long-Terminal Repeats of Distinct HIV-1 Subtypes. <i>The Open Virology Journal</i> , 2007, 1, 26-32.	1.8	13
82	Transmission of HIV-1 and HCV by head-butting. <i>Lancet, The</i> , 1997, 350, 1370.	6.3	12
83	Restricted replication of primary HIV-1 isolates using both CCR5 and CXCR4 in Th2 but not in Th1 CD4(+) T cells. <i>Journal of Leukocyte Biology</i> , 2002, 72, 913-20.	1.5	12
84	Pentosan Polysulfate Inhibits Attachment and Infection by SARS-CoV-2 In Vitro: Insights into Structural Requirements for Binding. <i>Thrombosis and Haemostasis</i> , 2022, 122, 984-997.	1.8	12
85	Platelet derived growth factor induces ornithine decarboxylase activity in nih 3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 1985, 127, 843-848.	1.0	11
86	CCR2 Δ 64 Polymorphism, Syncytium Δ -Inducing Human Immunodeficiency Virus Strains, and Disease Progression. <i>Journal of Infectious Diseases</i> , 2000, 182, 1579-1580.	1.9	10
87	Interferon-inducible TRIM22 contributes to maintenance of HIV-1 proviral latency in T cell lines. <i>Virus Research</i> , 2019, 269, 197631.	1.1	10
88	Treatment of SARS with human interferons. <i>Lancet, The</i> , 2003, 362, 1158.	6.3	9
89	The ATP/P2X7 axis in human immunodeficiency virus infection of macrophages. <i>Current Opinion in Pharmacology</i> , 2019, 47, 46-52.	1.7	9
90	Host Restriction Factors Modulating HIV Latency and Replication in Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3021.	1.8	9

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91	Dissociation between thromboxane generation and metastatic potential in cells from a murine fibrosarcoma. Studies with a selective thromboxane synthase inhibitor. <i>International Journal of Cancer</i> , 1987, 39, 488-491.	2.3	8
92	Tumor Necrosis Factor α , Interleukin 2, and Soluble Interleukin 2 Receptor Levels in Human Immunodeficiency Virus Type 1-Infected Individuals Receiving Intermittent Cycles of Interleukin 2. <i>AIDS Research and Human Retroviruses</i> , 2002, 18, 491-499.	0.5	8
93	Thymic function and immunoglobulin mutation genotype in B-cell chronic lymphocytic leukemia patients. <i>International Journal of Cancer</i> , 2003, 107, 958-961.	2.3	8
94	Nef-specific CD45RA ⁺ CD8 ⁺ T cells secreting MIP-1 β but not IFN- γ are associated with nonprogressive HIV-1 infection. <i>AIDS Research and Therapy</i> , 2010, 7, 20.	0.7	8
95	Neurogenesis and Viral Infection. <i>Frontiers in Immunology</i> , 2022, 13, 826091.	2.2	8
96	Synthetic prostaglandin ₁ analogue: In vitro studies on human neutrophils. <i>Immunopharmacology</i> , 1982, 4, 323-330.	2.0	7
97	Platelet Contribution to Cancer Cell Growth and Migration: The Role of Platelet Growth Factors. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1988, 18, 18-28.	0.5	6
98	HIV-1 envelope-dependent restriction of CXCR4-using viruses in child but not adult untransformed CD4 ⁺ T-lymphocyte lines. <i>Blood</i> , 2012, 119, 2013-2023.	0.6	6
99	5-Hydroxytyrosol inhibits HIV-1 replication in primary cells of the lower and upper female reproductive tract. <i>Antiviral Research</i> , 2017, 142, 16-20.	1.9	6
100	Zika Virus: a re-emerging pathogen with rapidly evolving public health implications. <i>New Microbiologica</i> , 2016, 39, 86-90.	0.1	6
101	Infection of CD4 ⁺ Primary T Cells and Cell Lines, Generation of Chronically Infected Cell Lines, and Induction of HIV Expression. <i>Current Protocols in Immunology</i> , 2005, 69, Unit 12.3.	3.6	4
102	Reply to: Hultström et al., Genetic determinants of mannose-binding lectin activity predispose to thromboembolic complications in critical COVID-19. <i>Mannose-binding lectin genetics in COVID-19. Nature Immunology</i> , 2022, 23, 865-867.	7.0	4
103	HIV-1 Isolation from Infected Peripheral Blood Mononuclear Cells. <i>Methods in Molecular Biology</i> , 2014, 1087, 187-196.	0.4	3
104	Unsung Hero Robert C. Gallo. <i>Science</i> , 2009, 323, 206-207.	6.0	2
105	Post-entry events of efficient R5 vs. inefficient X4 HIV-1 replication in primary CD4 ⁺ T lymphocytes, a transcriptome analysis. <i>Retrovirology</i> , 2009, 6, 119.	0.9	2
106	Immunopathogenesis of HIV Infection. , 2007, , 245-295.		2
107	Assessment of efficacy and safety of pandemic A/H1N1/2009 influenza vaccine in a group of health care workers. <i>Medicina Del Lavoro</i> , 2012, 103, 220-9.	0.3	2
108	Persistence of CCR5 usage among primary human immunodeficiency virus isolates of individuals receiving intermittent interleukin α 2. <i>HIV Medicine</i> , 2010, 11, 349-352.	1.0	1

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109	Strenuous resistance to natural HIV-1 disease progression: viral controllers and long-term nonprogressors. <i>Future Virology</i> , 2011, 6, 521-533.	0.9	1
110	Differential impacts of R5 vs. X4 HIV-1 on the transcriptome of primary CD4+ T cells. <i>Retrovirology</i> , 2013, 10, .	0.9	1
111	Chronically infected T-cell lines become handy for a novel assay measuring the reservoir of replication-competent HIV-1. <i>Aids</i> , 2017, 31, 2555-2556.	1.0	1