

Roberta Bona

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.

47
papers

833
citations

18
h-index

27
g-index

50
ext. papers

933
ext. citations

4.5
avg, IF

3.01
L-index

#	Paper	IF	Citations
47	Successful immunization with a single injection of non-integrating lentiviral vector. <i>Molecular Therapy</i> , 2007 , 15, 1716-23	11.7	70
46	Long-term protection against SHIV89.6P replication in HIV-1 Tat vaccinated cynomolgus monkeys. <i>Vaccine</i> , 2004 , 22, 3258-69	4.1	60
45	TM9SF4 is a novel V-ATPase-interacting protein that modulates tumor pH alterations associated with drug resistance and invasiveness of colon cancer cells. <i>Oncogene</i> , 2015 , 34, 5163-74	9.2	53
44	Multicolor bioluminescence boosts malaria research: quantitative dual-color assay and single-cell imaging in Plasmodium falciparum parasites. <i>Analytical Chemistry</i> , 2014 , 86, 8814-21	7.8	43
43	gag, vif, and nef genes contribute to the homologous viral interference induced by a nonproducer human immunodeficiency virus type 1 (HIV-1) variant: identification of novel HIV-1-inhibiting viral protein mutants. <i>Journal of Virology</i> , 1998 , 72, 4308-19	6.6	37
42	Development and use of SIV-based Integrase defective lentiviral vector for immunization. <i>Vaccine</i> , 2009 , 27, 4622-9	4.1	35
41	Evaluation of a self-inactivating lentiviral vector expressing simian immunodeficiency virus gag for induction of specific immune responses in vitro and in vivo. <i>Viral Immunology</i> , 2006 , 19, 690-701	1.7	34
40	HIV-1 Tat-based vaccines: from basic science to clinical trials. <i>DNA and Cell Biology</i> , 2002 , 21, 599-610	3.6	32
39	Virological consequences of early events following cell-cell contact between human immunodeficiency virus type 1-infected and uninfected CD4+ cells. <i>Journal of Virology</i> , 2008 , 82, 7773-89	6.6	31
38	Transduction of human antigen-presenting cells with integrase-defective lentiviral vector enables functional expansion of primed antigen-specific CD8(+) T cells. <i>Human Gene Therapy</i> , 2010 , 21, 1029-35	4.8	28
37	cis expression of the F12 human immunodeficiency virus (HIV) Nef allele transforms the highly productive NL4-3 HIV type 1 to a replication-defective strain: involvement of both Env gp41 and CD4 intracytoplasmic tails. <i>Journal of Virology</i> , 2000 , 74, 483-92	6.6	28
36	Integrase-defective lentiviral-vector-based vaccine: a new vector for induction of T cell immunity. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 739-50	5.4	26
35	A single administration of lentiviral vectors expressing either full-length human immunodeficiency virus 1 (HIV-1)(HXB2) Rev/Env or codon-optimized HIV-1(JR-FL) gp120 generates durable immune responses in mice. <i>Journal of General Virology</i> , 2006 , 87, 1625-1634	4.9	25
34	Raltegravir plasma concentrations in treatment-experienced patients receiving salvage regimens based on raltegravir with and without maraviroc coadministration. <i>Annals of Pharmacotherapy</i> , 2010 , 44, 838-43	2.9	23
33	Endogenous CCL2 neutralization restricts HIV-1 replication in primary human macrophages by inhibiting viral DNA accumulation. <i>Retrovirology</i> , 2015 , 12, 4	3.6	22
32	Human Immunodeficiency Virus (HIV)-Resistant CD4+ UT-7 Megakaryocytic Human Cell Line Becomes Highly HIV-1 and HIV-2 Susceptible Upon CXCR4 Transfection: Induction of Cell Differentiation by HIV-1 Infection. <i>Blood</i> , 1997 , 89, 2670-2678	2.2	21
31	Lentivirus-based virus-like particles as a new protein delivery tool. <i>Methods in Molecular Biology</i> , 2010 , 614, 111-24	1.4	21

30	Integrase Defective Lentiviral Vector as a Vaccine Platform for Delivering Influenza Antigens. <i>Frontiers in Immunology</i> , 2018 , 9, 171	8.4	20
29	A high susceptibility to redox imbalance of the transmissible stages of <i>Plasmodium falciparum</i> revealed with a luciferase-based mature gametocyte assay. <i>Molecular Microbiology</i> , 2017 , 104, 306-318	4.1	17
28	Nonintegrating Lentiviral Vector-Based Vaccine Efficiently Induces Functional and Persistent CD8+ T Cell Responses in Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 534501		16
27	Development of a human immunodeficiency virus vector-based, single-cycle assay for evaluation of anti-integrase compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3407-17	5.9	16
26	Evaluation of HIV-1 integrase inhibitors on human primary macrophages using a luciferase-based single-cycle phenotypic assay. <i>Journal of Virological Methods</i> , 2010 , 168, 272-6	2.6	14
25	Strong CD8+ T cell antigenicity and immunogenicity of large foreign proteins incorporated in HIV-1 VLPs able to induce a Nef-dependent activation/maturation of dendritic cells. <i>Vaccine</i> , 2011 , 29, 3465-75	4.1	13
24	Antimutagenic activities of naturally occurring polyamines in Chinese hamster ovary cells in vitro. <i>Environmental and Molecular Mutagenesis</i> , 1991 , 18, 207-11	3.2	13
23	Circular viral DNA detection and junction sequence analysis from PBMC of SHIV-infected cynomolgus monkeys with undetectable virus plasma RNA. <i>Virology</i> , 2004 , 324, 531-9	3.6	12
22	Full expression of transfected nonproducer interfering HIV-1 proviral DNA abrogates susceptibility of human He-La CD4+ cells to HIV. <i>Virology</i> , 1995 , 206, 76-84	3.6	12
21	Retinoids as modulators of metabolism: their inhibitory effect on cyclophosphamide and 7,12-dimethylbenz[a]anthracene induced sister chromatid exchanges in a metabolically competent cell line. <i>Mutagenesis</i> , 1990 , 5, 397-401	2.8	11
20	Optimization of mucosal responses after intramuscular immunization with integrase defective lentiviral vector. <i>PLoS ONE</i> , 2014 , 9, e107377	3.7	10
19	Response to raltegravir-based salvage therapy in HIV-infected patients with hepatitis C virus or hepatitis B virus coinfection. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 193-9	5.1	10
18	Virological failure at one year in triple-class experienced patients switching to raltegravir-based regimens is not predicted by baseline factors. <i>International Journal of STD and AIDS</i> , 2012 , 23, 459-63	1.4	10
17	Anti-HIV viral interference induced by retroviral vectors expressing a nonproducer HIV-1 variant. <i>Acta Haematologica</i> , 1996 , 95, 199-203	2.7	8
16	DC contact with HIV-1-infected cells leads to high levels of Env-mediated virion endocytosis coupled with enhanced HIV-1 Ag presentation. <i>European Journal of Immunology</i> , 2009 , 39, 404-16	6.1	7
15	Persistence of azacytidine-induced SCEs and genomic methylation in CHO cells in vitro. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1990 , 245, 211-5		7
14	Integrase-Defective Lentiviral Vector Is an Efficient Vaccine Platform for Cancer Immunotherapy. <i>Viruses</i> , 2021 , 13,	6.2	7
13	Human immunodeficiency virus type 1 (HIV-1) protease inhibitors block cell-to-cell HIV-1 endocytosis in dendritic cells. <i>Journal of General Virology</i> , 2009 , 90, 2777-2787	4.9	6

12	Use of retroviral vectors for the analysis of SIV/HIV-specific CD8 T cell responses. <i>Journal of Immunological Methods</i> , 2004 , 291, 153-63	2.5	6
11	SAMHD1 phosphorylation and cytoplasmic relocalization after human cytomegalovirus infection limits its antiviral activity. <i>PLoS Pathogens</i> , 2020 , 16, e1008855	7.6	6
10	Development and Preclinical Evaluation of an Integrase Defective Lentiviral Vector Vaccine Expressing the HIVACAT T Cell Immunogen in Mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 17, 418-428	6.4	5
9	Aberrant, noninfectious HIV-1 particles are released by chronically infected human T cells transduced with a retroviral vector expressing an interfering HIV-1 variant. <i>Gene Therapy</i> , 1997 , 4, 1085-92	4.2	3
8	T cell receptor excision circles (TRECs) analysis during acute intrarectal infection of cynomolgus monkeys with pathogenic chimeric simian human immunodeficiency virus. <i>Virus Research</i> , 2007 , 126, 86-95	6.4	3
7	Human immunodeficiency virus (HIV)-resistant CD4+ UT-7 megakaryocytic human cell line becomes highly HIV-1 and HIV-2 susceptible upon CXCR4 transfection: induction of cell differentiation by HIV-1 infection. <i>Blood</i> , 1997 , 89, 2670-8	2.2	3
6	Effects of raltegravir on 2-long terminal repeat circle junctions in HIV type 1 viremic and aviremic patients. <i>AIDS Research and Human Retroviruses</i> , 2013 , 29, 1365-9	1.6	2
5	Safety and efficiency modifications of SIV-based integrase-defective lentiviral vectors for immunization. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021 , 23, 263-275	6.4	2
4	Murine granulocyte-macrophage colony-stimulating factor expressed from a bicistronic simian immunodeficiency virus-based integrase-defective lentiviral vector does not enhance T-cell responses in mice. <i>Viral Immunology</i> , 2014 , 27, 512-20	1.7	1
3	Influence of spermidine on sister chromatid exchanges induced by alkylating agents in mammalian cells in vitro. <i>Anticancer Research</i> , 1989 , 9, 1129-32	2.3	1
2	Persistent immunogenicity of integrase defective lentiviral vectors delivering membrane-tethered native-like HIV-1 envelope trimers.. <i>Npj Vaccines</i> , 2022 , 7, 44	9.5	0
1	Anti-Hiv Viral Interference Induced by Retroviral Vectors Expressing a Non-Producer Hiv-1 Variant 1996 , 285-291		