

Ruth Brack-Werner

List of Publications by Year in descending order

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64
papers

2,944
citations

201674

27
h-index

175258

52
g-index

68
all docs

68
docs citations

68
times ranked

3670
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes: HIV cellular reservoirs and important participants in neuropathogenesis. <i>Aids</i> , 1999, 13, 1-22.	2.2	319
2	Cells of the central nervous system as targets and reservoirs of the human immunodeficiency virus. <i>Virus Research</i> , 2005, 111, 194-213.	2.2	297
3	SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019, 10, 5770.	12.8	286
4	Macrophages and their relevance in Human Immunodeficiency Virus Type I infection. <i>Retrovirology</i> , 2012, 9, 82.	2.0	213
5	Infection of human brain cells by HIV-1. <i>Aids</i> , 1992, 6, 273-286.	2.2	128
6	Genomic Distribution and Transcription of Solitary HERV-K LTRs. <i>Genomics</i> , 1993, 18, 261-269.	2.9	124
7	HIV-1 Nef protein exhibits structural and functional similarity to scorpion peptides interacting with K ⁺ channels. <i>Aids</i> , 1991, 5, 1301-1308.	2.2	100
8	The Root Extract of the Medicinal Plant <i>Pelargonium sidoides</i> Is a Potent HIV-1 Attachment Inhibitor. <i>PLoS ONE</i> , 2014, 9, e87487.	2.5	78
9	Cellular localization of Nef expressed in persistently HIV-1 -infected low-producer astrocytes. <i>Aids</i> , 1992, 6, 1427-1436.	2.2	65
10	Potent in vitro antiviral activity of <i>Cistus incanus</i> extract against HIV and Filoviruses targets viral envelope proteins. <i>Scientific Reports</i> , 2016, 6, 20394.	3.3	65
11	Upregulated expression of interleukin-8, RANTES and chemokine receptors in human astrocytic cells infected with HIV-1. <i>Journal of NeuroVirology</i> , 2000, 6, 75-83.	2.1	64
12	Diminished Rev-Mediated Stimulation of Human Immunodeficiency Virus Type 1 Protein Synthesis Is a Hallmark of Human Astrocytes. <i>Journal of Virology</i> , 1999, 73, 8279-8289.	3.4	61
13	Targeting of Nonkaryophilic Cell-Permeable Peptides into the Nuclei of Intact Cells by Covalently Attached Nuclear Localization Signals. <i>Biochemistry</i> , 2002, 41, 9208-9214.	2.5	60
14	Synthetic AAV/CRISPR vectors for blocking HIV-1 expression in persistently infected astrocytes. <i>Glia</i> , 2018, 66, 413-427.	4.9	55
15	The intranuclear localization and function of YT521-B is regulated by tyrosine phosphorylation. <i>Human Molecular Genetics</i> , 2004, 13, 1535-1549.	2.9	50
16	Modulation of human endogenous retrovirus (HERV) transcription during persistent and de novo HIV-1 infection. <i>Retrovirology</i> , 2015, 12, 27.	2.0	48
17	First Pass Annotation of Promoters on Human Chromosome 22. <i>Genome Research</i> , 2001, 11, 333-340.	5.5	45
18	Long-term HIV-1 infection of neural progenitor populations. <i>Aids</i> , 2007, 21, 2271-2281.	2.2	45

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19	A Conformationally Frozen Peptoid Boosts CXCR4 Affinity and Anti-HIV Activity. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8110-8113.	13.8	45
20	Common Modular Structure of Lentivirus LTRs. <i>Virology</i> , 1996, 224, 256-267.	2.4	41
21	Stable expression of HIV-1 Nef induces changes in growth properties and activation state of human astrocytes. <i>Aids</i> , 1999, 13, 2331-2341.	2.2	37
22	Identification of a Heterogeneous Nuclear Ribonucleoprotein-recognition Region in the HIV Rev Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 33384-33391.	3.4	37
23	Structural Basis for Homodimerization of the Src-associated during Mitosis, 68-kDa Protein (Sam68) Qua1 Domain. <i>Journal of Biological Chemistry</i> , 2010, 285, 28893-28901.	3.4	37
24	EASY-HIT: HIV Full-Replication Technology for Broad Discovery of Multiple Classes of HIV Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 5257-5268.	3.2	35
25	Alkaloids from the Sponge <i>Stylissa carteri</i> Present Prospective Scaffolds for the Inhibition of Human Immunodeficiency Virus 1 (HIV-1). <i>Marine Drugs</i> , 2016, 14, 28.	4.6	33
26	Human SSAV-related endogenous retroviral element: LTR-like sequence and chromosomal localization to 18q21. <i>Genomics</i> , 1989, 4, 68-75.	2.9	32
27	Peptides Derived from HIV-1 Integrase that Bind Rev Stimulate Viral Genome Integration. <i>PLoS ONE</i> , 2009, 4, e4155.	2.5	30
28	Analysis of the influence of subcellular localization of the HIV Rev protein on Rev-dependent gene expression by multi-fluorescence live-cell imaging. <i>Experimental Cell Research</i> , 2006, 312, 443-456.	2.6	27
29	Integrated functional and bioinformatics approach for the identification and experimental verification of RNA signals: application to HIV-1 INS. <i>Nucleic Acids Research</i> , 2003, 31, 2839-2851.	14.5	25
30	Identification of a novel Rev-interacting cellular protein. <i>BMC Cell Biology</i> , 2005, 6, 20.	3.0	24
31	Control of HIV replication in astrocytes by a family of highly conserved host proteins with a common Rev-interacting domain (Risp). <i>Aids</i> , 2010, 24, 2433-2442.	2.2	24
32	Discovery of the Streptoketides by Direct Cloning and Rapid Heterologous Expression of a Cryptic PKS II Gene Cluster from <i>Streptomyces</i> sp. TÅ¼ 6314. <i>Journal of Organic Chemistry</i> , 2020, 85, 664-673.	3.2	24
33	S71 is a phylogenetically distinct human endogenous retroviral element with structural and sequence homology to simian sarcoma virus (SSV). <i>Virology</i> , 1990, 174, 225-238.	2.4	23
34	Elucidating effects of long-term expression of HIV-1 Nef on astrocytes by microarray, promoter, and literature analyses. <i>Gene</i> , 2005, 358, 31-38.	2.2	23
35	Neuropathology and Virology of HIV Associated Dementia. , 1996, 6, 141-150.		21
36	Novel regulation of HIV-1 replication and pathogenicity: Rev inhibition of integration. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 753-763.	2.1	21

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37	A new model for post-integration latency in macroglial cells to study HIV-1 reservoirs of the brain. <i>Aids</i> , 2015, 29, 1147-1159.	2.2	19
38	Supramolecular combinations of humic polyanions as potent microbicides with polymodal anti-HIV-activities. <i>New Journal of Chemistry</i> , 2017, 41, 212-224.	2.8	19
39	Biological evaluation of molecules of the azaBINOL class as antiviral agents: Inhibition of HIV-1 RNase H activity by 7-isopropoxy-8-(naphth-1-yl)quinoline. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3595-3604.	3.0	19
40	Molecular and Pathogenic Characterization of the RFB Osteoma Virus: Lack of Oncogene and Induction of Osteoma, Osteopetrosis, and Lymphoma. <i>Virology</i> , 1996, 224, 533-538.	2.4	17
41	Advanced identification of global bioactivity hotspots via screening of the metabolic fingerprint of entire ecosystems. <i>Scientific Reports</i> , 2020, 10, 1319.	3.3	17
42	Functional Analysis of Backbone Cyclic Peptides Bearing the Arm Domain of the HIV-1 Rev Protein: Characterization of the Karyophilic Properties and Inhibition of Rev-Induced Gene Expression. <i>Biochemistry</i> , 2005, 44, 11555-11566.	2.5	15
43	HIV-1 Replication in Human Immune Cells Is Independent of TAR DNA Binding Protein 43 (TDP-43) Expression. <i>PLoS ONE</i> , 2014, 9, e105478.	2.5	15
44	Aqueous Extracts of the Marine Brown Alga <i>Lobophora variegata</i> Inhibit HIV-1 Infection at the Level of Virus Entry into Cells. <i>PLoS ONE</i> , 2014, 9, e103895.	2.5	14
45	Distribution of HIV genomic DNA in brains of AIDS patients. <i>Clinical and Diagnostic Virology</i> , 1995, 3, 61-72.	1.7	13
46	A novel role for the viral Rev protein in promoting resistance to superinfection by human immunodeficiency virus type 1. <i>Journal of General Virology</i> , 2010, 91, 1503-1513.	2.9	13
47	Stably integrated and expressed retroviral sequences can influence nuclear location and chromatin condensation of the integration locus. <i>Chromosoma</i> , 2012, 121, 353-367.	2.2	13
48	Heterogenous nuclear ribonucleoprotein Q increases protein expression from HIV-1 Rev-dependent transcripts. <i>Virology Journal</i> , 2013, 10, 151.	3.4	13
49	Analysis of nuclear targeting activities of transport signals in the human immunodeficiency virus Rev protein. <i>Experimental Cell Research</i> , 2003, 291, 484-501.	2.6	12
50	Modulation of HIV-1 gene expression by binding of a ULM motif in the Rev protein to UHM-containing splicing factors. <i>Nucleic Acids Research</i> , 2019, 47, 4859-4871.	14.5	11
51	Dual role of the chromatin-binding factor PHF13 in the pre- and post-integration phases of HIV-1 replication. <i>Open Biology</i> , 2017, 7, 170115.	3.6	10
52	Identification of Endogenous Retroviral Sequences Based on Modular Organization: Proviral Structure at the SSAV1 Locus. <i>Genomics</i> , 1997, 43, 52-61.	2.9	9
53	Down-Modulation of HIV-1 LTR Activity by an Extra-LTRnefGene Fragment. <i>Virology</i> , 1996, 216, 245-251.	2.4	8
54	Live-cell assay for simultaneous monitoring of expression and interaction of proteins. <i>BioTechniques</i> , 2006, 41, 688-692.	1.8	8

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55	Functional nuclear topography of transcriptionally inducible extra-chromosomal transgene clusters. <i>Chromosome Research</i> , 2010, 18, 401-417.	2.2	8
56	Stimulation of the HIV-1 integrase enzymatic activity and cDNA integration by a peptide derived from the integrase protein. <i>Biopolymers</i> , 2010, 93, NA-NA.	2.4	8
57	T cells with low CD2 levels express reduced restriction factors and are preferentially infected in therapy naïve chronic HIV-1 patients. <i>Journal of the International AIDS Society</i> , 2017, 20, 21865.	3.0	8
58	Chemoenzymatic Total Synthesis of Sorbicatechol Structural Analogues and Evaluation of Their Antiviral Potential. <i>ChemBioChem</i> , 2020, 21, 492-495.	2.6	8
59	Potent inhibition of HIV replication in primary human cells by novel synthetic polyketides inspired by Aureothin. <i>Scientific Reports</i> , 2020, 10, 1326.	3.3	7
60	Molecular Signature of Astrocytes for Gene Delivery by the Synthetic Adeno-associated Viral Vector rAAV9P1. <i>Advanced Science</i> , 2022, 9, e2104979.	11.2	7
61	CONRAD: a method for identification of variable and conserved regions within proteins by scale-space filtering. <i>Bioinformatics</i> , 1996, 12, 197-203.	4.1	2
62	Activation of a HERV-H LTR induces expression of an aberrant calbindin protein in human prostate carcinoma cells. <i>Retrovirology</i> , 2009, 6, P48.	2.0	2
63	Modeling HIV Latency in Astrocytes with the Human Neural Progenitor Cell Line HNSC.100. <i>Methods in Molecular Biology</i> , 2022, 2407, 103-114.	0.9	2
64	A Pseudoautosomal Boundary-Like Element Adjacent to the <i>SSAV1</i> Locus at 18q21. <i>DNA Sequence</i> , 1999, 10, 115-119.	0.7	0