

Jens Mayer

List of Publications by Year in descending order

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56
papers

2,937
citations

147801

31
h-index

175258

52
g-index

60
all docs

60
docs citations

60
times ranked

3637
citing authors

#	ARTICLE	IF	CITATIONS
1	A protocol for CRISPR-mediated activation and repression of human endogenous retroviruses in human pluripotent stem cells. STAR Protocols, 2022, 3, 101281.	1.2	2
2	Activation of HERV-K(HML-2) disrupts cortical patterning and neuronal differentiation by increasing NTRK3. Cell Stem Cell, 2021, 28, 1566-1581.e8.	11.1	27
3	ICTV Virus Taxonomy Profile: Retroviridae 2021. Journal of General Virology, 2021, 102, .	2.9	24
4	Human endogenous retrovirus HERV-K(HML-2) RNA causes neurodegeneration through Toll-like receptors. JCI Insight, 2020, 5, .	5.0	68
5	Identification and characterization of ERV-W-like sequences in Platyrrhini species provides new insights into the evolutionary history of ERV-W in primates. Mobile DNA, 2020, 11, 6.	3.6	12
6	A human endogenous retrovirus encoded protease potentially cleaves numerous cellular proteins. Mobile DNA, 2019, 10, 36.	3.6	9
7	On the origin of a pathogenic HERV-W envelope protein present in multiple sclerosis lesions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19791-19792.	7.1	13
8	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. Journal of Virology, 2018, 92, .	3.4	79
9	Properties of LINE-1 proteins and repeat element expression in the context of amyotrophic lateral sclerosis. Mobile DNA, 2018, 9, 35.	3.6	37
10	Nomenclature for endogenous retrovirus (ERV) loci. Retrovirology, 2018, 15, 59.	2.0	103
11	Degradation and remobilization of endogenous retroviruses by recombination during the earliest stages of a germ-line invasion. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8609-8614.	7.1	40
12	Transcriptional profiling of HERV-K(HML-2) in amyotrophic lateral sclerosis and potential implications for expression of HML-2 proteins. Molecular Neurodegeneration, 2018, 13, 39.	10.8	47
13	HERV-W group evolutionary history in non-human primates: characterization of ERV-W orthologs in Catarrhini and related ERV groups in Platyrrhini. BMC Evolutionary Biology, 2018, 18, 6.	3.2	26
14	Identification of Protease Specificity by Combining Proteome-Derived Peptide Libraries and Quantitative Proteomics. Molecular and Cellular Proteomics, 2016, 15, 2515-2524.	3.8	43
15	Human endogenous retrovirus HERV-K(HML-2) activity in prostate cancer is dominated by a few loci. Prostate, 2015, 75, 1958-1971.	2.3	43
16	An Evolutionarily Young Polar Bear (Ursus maritimus) Endogenous Retrovirus Identified from Next Generation Sequence Data. Viruses, 2015, 7, 6089-6107.	3.3	7
17	Np9, a cellular protein of retroviral ancestry restricted to human, chimpanzee and gorilla, binds and regulates ubiquitin ligase MDM2. Cell Cycle, 2015, 14, 2619-2633.	2.6	16
18	Modulation of human endogenous retrovirus (HERV) transcription during persistent and de novo HIV-1 infection. Retrovirology, 2015, 12, 27.	2.0	48

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19	HERV-K(HML-2) rec and np9 transcripts not restricted to disease but present in many normal human tissues. <i>Mobile DNA</i> , 2015, 6, 4.	3.6	62
20	Endogenous murine leukemia retroviral variation across wild European and inbred strains of house mouse. <i>BMC Genomics</i> , 2015, 16, 613.	2.8	4
21	Comprehensive Analysis of Human Endogenous Retrovirus Group HERV-W Locus Transcription in Multiple Sclerosis Brain Lesions by High-Throughput Amplicon Sequencing. <i>Journal of Virology</i> , 2013, 87, 13837-13852.	3.4	59
22	A novel endogenous betaretrovirus group characterized from polar bears (<i>Ursus maritimus</i>) and giant pandas (<i>Ailuropoda melanoleuca</i>). <i>Virology</i> , 2013, 443, 1-10.	2.4	11
23	Transcriptional Profiling of Human Endogenous Retrovirus Group HERV-K(HML-2) Loci in Melanoma. <i>Genome Biology and Evolution</i> , 2013, 5, 307-328.	2.5	94
24	Expression of Human Endogenous Retrovirus-W Including Syncytin-1 in Cutaneous T-Cell Lymphoma. <i>PLoS ONE</i> , 2013, 8, e76281.	2.5	47
25	New insights into the Tyrolean Iceman's origin and phenotype as inferred by whole-genome sequencing. <i>Nature Communications</i> , 2012, 3, 698.	12.8	382
26	Comparing PreXMRV-2 gag sequence diversity in laboratory and wild mice using deep sequencing. <i>Virus Research</i> , 2012, 169, 30-37.	2.2	1
27	HERV-E-Mediated Modulation of PLA2G4A Transcription in Urothelial Carcinoma. <i>PLoS ONE</i> , 2012, 7, e49341.	2.5	29
28	A revised nomenclature for transcribed human endogenous retroviral loci. <i>Mobile DNA</i> , 2011, 2, 7.	3.6	94
29	An N-terminally truncated envelope protein encoded by a human endogenous retrovirus W locus on chromosome Xq22.3. <i>Retrovirology</i> , 2010, 7, 69.	2.0	30
30	The Hsp70 chaperones of the Tritryps are characterized by unusual features and novel members. <i>Parasitology International</i> , 2010, 59, 497-505.	1.3	39
31	Classification and nomenclature of endogenous retroviral sequences (ERVs). <i>Gene</i> , 2009, 448, 115-123.	2.2	101
32	Human endogenous retrovirus HERV-K(HML-2) encodes a stable signal peptide with biological properties distinct from Rec. <i>Retrovirology</i> , 2009, 6, 17.	2.0	27
33	Analysis of transcribed human endogenous retrovirus W env loci clarifies the origin of multiple sclerosis-associated retrovirus env sequences. <i>Retrovirology</i> , 2009, 6, 37.	2.0	65
34	PTC124 for cystic fibrosis. <i>Lancet</i> , The, 2009, 373, 1426.	13.7	8
35	Expression patterns of transcribed human endogenous retrovirus HERV-K(HML-2) loci in human tissues and the need for a HERV Transcriptome Project. <i>BMC Genomics</i> , 2008, 9, 354.	2.8	95
36	Human Endogenous Retrovirus Family HERV-K(HML-2) RNA Transcripts Are Selectively Packaged into Retroviral Particles Produced by the Human Germ Cell Tumor Line Tera-1 and Originate Mainly from a Provirus on Chromosome 22q11.21. <i>Journal of Virology</i> , 2008, 82, 10008-10016.	3.4	73

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37	Variable Transcriptional Activity of Endogenous Retroviruses in Human Breast Cancer. <i>Journal of Virology</i> , 2008, 82, 1808-1818.	3.4	78
38	Expression pattern analysis of transcribed HERV sequences is complicated by ex vivo recombination. <i>Retrovirology</i> , 2007, 4, 39.	2.0	19
39	Haplotype Analysis of the Human Endogenous Retrovirus Locus HERV-K(HML-2.HOM) and Its Evolutionary Implications. <i>Journal of Molecular Evolution</i> , 2005, 61, 706-715.	1.8	23
40	Endogenous retroviruses. , 2005, , .		0
41	Human Endogenous Retrovirus HERV-K14 Families: Status, Variants, Evolution, and Mobilization of Other Cellular Sequences. <i>Journal of Virology</i> , 2005, 79, 2941-2949.	3.4	33
42	Complex humoral immune response against a benign tumor: Frequent antibody response against specific antigens as diagnostic targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9601-9606.	7.1	73
43	CpG Methylation Directly Regulates Transcriptional Activity of the Human Endogenous Retrovirus Family HERV-K(HML-2). <i>Journal of Virology</i> , 2005, 79, 876-883.	3.4	188
44	The mouse KrÄppel-like Factor 4 (Klf4) gene: Four functional polyadenylation sites which are used in a cell-specific manner as revealed by testicular transcript analysis and multiple processed pseudogenes. <i>Gene</i> , 2005, 361, 149-156.	2.2	18
45	Human endogenous retroviruses in the primate lineage and their influence on host genomes. <i>Cytogenetic and Genome Research</i> , 2005, 110, 448-456.	1.1	62
46	The human L1 promoter: Variable transcription initiation sites and a major impact of upstream flanking sequence on promoter activity. <i>Genome Research</i> , 2004, 14, 2253-2260.	5.5	92
47	Human Endogenous Retrovirus Family HERV-K(HML-5): Status, Evolution, and Reconstruction of an Ancient Betaretrovirus in the Human Genome. <i>Journal of Virology</i> , 2004, 78, 8788-8798.	3.4	51
48	Human endogenous retrovirus HERV-K(HML-2) proviruses with Rec protein coding capacity and transcriptional activity. <i>Virology</i> , 2004, 322, 190-198.	2.4	34
49	Presence of dUTPase in the Various Human Endogenous Retrovirus K (HERV-K) Families. <i>Journal of Molecular Evolution</i> , 2003, 57, 642-649.	1.8	19
50	The Human Endogenous Retrovirus Family HERV-K(HML-3). <i>Genomics</i> , 2002, 80, 331-343.	2.9	39
51	Genomic Organization of the Human Endogenous Retrovirus HERV-K(HML-2.HOM) (ERV6) on Chromosome 7. <i>Genomics</i> , 2001, 72, 314-320.	2.9	46
52	HERV-K(OLD): Ancestor Sequences of the Human Endogenous Retrovirus Family HERV-K(HML-2). <i>Journal of Virology</i> , 2001, 75, 8917-8926.	3.4	51
53	An almost-intact human endogenous retrovirus K on human chromosome 7. <i>Nature Genetics</i> , 1999, 21, 257-258.	21.4	139
54	Human Endogenous Retrovirus K Homologous Sequences and Their Coding Capacity in Old World Primates. <i>Journal of Virology</i> , 1998, 72, 1870-1875.	3.4	37

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55	Multiple human endogenous retrovirus (HERV-K) loci with <i>gag</i> open reading frames in the human genome. Cytogenetic and Genome Research, 1997, 78, 1-5.	1.1	35
56	Chromosomal assignment of human endogenous retrovirus K (HERV-K) <i>env</i> open reading frames. Cytogenetic and Genome Research, 1997, 79, 157-161.	1.1	34