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	New insights into the Tyrolean Iceman's origin and phenotype as inferred by whole-genome sequencing. Nature Communications, 2012, 3, 698.	12.8	382
2	CpG Methylation Directly Regulates Transcriptional Activity of the Human Endogenous Retrovirus Family HERV-K(HML-2). Journal of Virology, 2005, 79, 876-883.	3.4	188
3	An almost-intact human endogenous retrovirus K on human chromosome 7. Nature Genetics, 1999, 21, 257-258.	21.4	139
4	Nomenclature for endogenous retrovirus (ERV) loci. Retrovirology, 2018, 15, 59.	2.0	103
5	Classification and nomenclature of endogenous retroviral sequences (ERVs). Gene, 2009, 448, 115-123.	2.2	101
6	Expression patterns of transcribed human endogenous retrovirus HERV-K(HML-2) loci in human tissues and the need for a HERV Transcriptome Project. BMC Genomics, 2008, 9, 354.	2.8	95
7	A revised nomenclature for transcribed human endogenous retroviral loci. Mobile DNA, 2011, 2, 7.	3.6	94
8	Transcriptional Profiling of Human Endogenous Retrovirus Group HERV-K(HML-2) Loci in Melanoma. Genome Biology and Evolution, 2013, 5, 307-328.	2.5	94
9	The human L1 promoter: Variable transcription initiation sites and a major impact of upstream flanking sequence on promoter activity. Genome Research, 2004, 14, 2253-2260.	5.5	92
10	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. Journal of Virology, 2018, 92, .	3.4	79
11	Variable Transcriptional Activity of Endogenous Retroviruses in Human Breast Cancer. Journal of Virology, 2008, 82, 1808-1818.	3.4	78
12	Complex humoral immune response against a benign tumor: Frequent antibody response against specific antigens as diagnostic targets. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9601-9606.	7.1	73
13	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. Journal of Virology, 2008, 82, 10008-10016.	3.4	73
14	Human endogenous retrovirus HERV-K(HML-2) RNA causes neurodegeneration through Toll-like receptors. JCI Insight, 2020, 5, .	5.0	68
15	Analysis of transcribed human endogenous retrovirus W env loci clarifies the origin of multiple sclerosis-associated retrovirus env sequences. Retrovirology, 2009, 6, 37.	2.0	65
16	Human endogenous retroviruses in the primate lineage and their influence on host genomes. Cytogenetic and Genome Research, 2005, 110, 448-456.	1.1	62
17	HERV-K(HML-2) rec and np9 transcripts not restricted to disease but present in many normal human tissues. Mobile DNA, 2015, 6, 4.	3.6	62
18	Comprehensive Analysis of Human Endogenous Retrovirus Group HERV-W Locus Transcription in Multiple Sclerosis Brain Lesions by High-Throughput Amplicon Sequencing. Journal of Virology, 2013, 87, 13837-13852.	3.4	59

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19	HERV-K(OLD): Ancestor Sequences of the Human Endogenous Retrovirus Family HERV-K(HML-2). Journal of Virology, 2001, 75, 8917-8926.	3.4	51
20	Human Endogenous Retrovirus Family HERV-K(HML-5): Status, Evolution, and Reconstruction of an Ancient Betaretrovirus in the Human Genome. Journal of Virology, 2004, 78, 8788-8798.	3.4	51
21	Modulation of human endogenous retrovirus (HERV) transcription during persistent and de novo HIV-1 infection. Retrovirology, 2015, 12, 27.	2.0	48
22	Expression of Human Endogenous Retrovirus-W Including Syncytin-1 in Cutaneous T-Cell Lymphoma. PLoS ONE, 2013, 8, e76281.	2.5	47
23	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
24	Genomic Organization of the Human Endogenous Retrovirus HERV-K(HML-2.HOM) (ERVK6) on Chromosome 7. Genomics, 2001, 72, 314-320.	2.9	46
25	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
26	Identification of Protease Specificity by Combining Proteome-Derived Peptide Libraries and Quantitative Proteomics. Molecular and Cellular Proteomics, 2016, 15, 2515-2524.	3.8	43
27	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
28	The Human Endogenous Retrovirus Family HERV-K(HML-3). Genomics, 2002, 80, 331-343.	2.9	39
29	The Hsp70 chaperones of the Tritryps are characterized by unusual features and novel members. Parasitology International, 2010, 59, 497-505.	1.3	39
30	Properties of LINE-1 proteins and repeat element expression in the context of amyotrophic lateral sclerosis. Mobile DNA, 2018, 9, 35.	3.6	37
31	Human Endogenous Retrovirus K Homologous Sequences and Their Coding Capacity in Old World Primates. Journal of Virology, 1998, 72, 1870-1875.	3.4	37
32	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
33	Human endogenous retrovirus HERV-K(HML-2) proviruses with Rec protein coding capacity and transcriptional activity. Virology, 2004, 322, 190-198.	2.4	34
34	Chromosomal assignment of human endogenous retrovirus K (HERV-K) <i>env open</i> reading frames. Cytogenetic and Genome Research, 1997, 79, 157-161.	1.1	34
35	Human Endogenous Retrovirus HERV-K14 Families: Status, Variants, Evolution, and Mobilization of Other Cellular Sequences. Journal of Virology, 2005, 79, 2941-2949.	3.4	33
36	An N-terminally truncated envelope protein encoded by a human endogenous retrovirus W locus on chromosome Xq22.3. Retrovirology, 2010, 7, 69.	2.0	30

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37	HERV-E-Mediated Modulation of PLA2G4A Transcription in Urothelial Carcinoma. PLoS ONE, 2012, 7, e49341.	2.5	29
38	Human endogenous retrovirus HERV-K(HML-2) encodes a stable signal peptide with biological properties distinct from Rec. Retrovirology, 2009, 6, 17.	2.0	27
39	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
40	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
41	ICTV Virus Taxonomy Profile: Retroviridae 2021. Journal of General Virology, 2021, 102, .	2.9	24
42	Haplotype Analysis of the Human Endogenous Retrovirus Locus HERV-K(HML-2.HOM) and Its Evolutionary Implications. Journal of Molecular Evolution, 2005, 61, 706-715.	1.8	23
43	Presence of dUTPase in the Various Human Endogenous Retrovirus K (HERV-K) Families. Journal of Molecular Evolution, 2003, 57, 642-649.	1.8	19
44	Expression pattern analysis of transcribed HERV sequences is complicated by ex vivo recombination. Retrovirology, 2007, 4, 39.	2.0	19
45	The mouse KrÃ¼ppel-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. Gene, 2005, 361, 149-156.	2.2	18
46	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
47	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
48	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
49	A novel endogenous betaretrovirus group characterized from polar bears (Ursus maritimus) and giant pandas (Ailuropoda melanoleuca). Virology, 2013, 443, 1-10.	2.4	11
50	A human endogenous retrovirus encoded protease potentially cleaves numerous cellular proteins. Mobile DNA, 2019, 10, 36.	3.6	9
51	PTC124 for cystic fibrosis. Lancet, The, 2009, 373, 1426.	13.7	8
52	An Evolutionarily Young Polar Bear (Ursus maritimus) Endogenous Retrovirus Identified from Next Generation Sequence Data. Viruses, 2015, 7, 6089-6107.	3.3	7
53	Endogenous murine leukemia retroviral variation across wild European and inbred strains of house mouse. BMC Genomics, 2015, 16, 613.	2.8	4
54	A protocol for CRISPR-mediated activation and repressionÂof human endogenous retroviruses in human pluripotent stem cells. STAR Protocols, 2022, 3, 101281.	1.2	2

#	Article	IF	Citations
55	Comparing PreXMRV-2 gag sequence diversity in laboratory and wild mice using deep sequencing. Virus Research, 2012, 169, 30-37.	2.2	1
56	Endogenous retroviruses. , 2005, , .		0