Jose Luis Garcia-Perez

List of Publications by Year
in descending order

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41 papers	4,757 citations	172457 29 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	4769 citing authors

#	Article	IF	Citations
1	LINE-1 transcription in round spermatids is associated with accretion of 5-carboxylcytosine in their open reading frames. Communications Biology, 2021, 4, 691.	4.4	8
2	N6-methyladenosine regulates the stability of RNA:DNA hybrids in human cells. Nature Genetics, 2020, 52, 48-55.	21.4	147
3	cGAS-mediated induction of type I interferon due to inborn errors of histone pre-mRNA processing. Nature Genetics, 2020, 52, 1364-1372.	21.4	105
4	sRNA/L1 retrotransposition: using siRNAs and miRNAs to expand the applications of the cell culture-based LINE-1 retrotransposition assay. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190346.	4.0	8
5	LINE-1 Evasion of Epigenetic Repression in Humans. Molecular Cell, 2019, 75, 590-604.e12.	9.7	106
6	Synthesis and Characterization of Specific Reverse Transcriptase Inhibitors for Mammalian LINE-1 Retrotransposons. Cell Chemical Biology, 2019, 26, 1095-1109.e14.	5.2	26
7	Genome-wide de novo L1 Retrotransposition Connects Endonuclease Activity with Replication. Cell, 2019, 177, 837-851.e28.	28.9	88
8	Properties of LINE-1 proteins and repeat element expression in the context of amyotrophic lateral sclerosis. Mobile DNA, 2018, 9, 35.	3.6	37
9	Reconstitution of the Ataxia-Telangiectasia Cellular Phenotype With Lentiviral Vectors. Frontiers in Immunology, 2018, 9, 2703.	4.8	15
10	The IS2 Element Improves Transcription Efficiency of Integration-Deficient Lentiviral Vector Episomes. Molecular Therapy - Nucleic Acids, 2018, 13, 16-28.	5.1	8
11	Impact of non-LTR retrotransposons in the differentiation and evolution of anatomically modern humans. Mobile DNA, 2018, 9, 28.	3.6	18
12	RNase H2, mutated in Aicardiâ€Goutiã¨res syndrome, promotes LINEâ€1 retrotransposition. EMBO Journal, 2018, 37, .	7.8	67
13	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
14	Uridylation by TUT4/7 Restricts Retrotransposition of Human LINE-1s. Cell, 2018, 174, 1537-1548.e29.	28.9	74
15	Heritable L1 retrotransposition in the mouse primordial germline and early embryo. Genome Research, 2017, 27, 1395-1405.	5.5	90
16	Engineered LINE-1 retrotransposition in nondividing human neurons. Genome Research, 2017, 27, 335-348.	5.5	128
17	L1 Mosaicism in Mammals: Extent, Effects, and Evolution. Trends in Genetics, 2017, 33, 802-816.	6.7	92
18	Editorial: Mobile Genetic Elements in Cellular Differentiation, Genome Stability, and Cancer. Frontiers in Chemistry, 2017, 5, 108.	3.6	0

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19	Mobilization of LINE-1 retrotransposons is restricted by Tex19.1 in mouse embryonic stem cells. ELife, 2017, 6, .	6.0	43
20	Aluretrotransposons promote differentiation of human carcinoma cells through the aryl hydrocarbon receptor. Nucleic Acids Research, 2016, 44, 4665-4683.	14.5	45
21	The impact of transposable elements on mammalian development. Development (Cambridge), 2016, 143, 4101-4114.	2.5	161
22	Study of Transposable Elements and Their Genomic Impact. Methods in Molecular Biology, 2016, 1400, 1-19.	0.9	7
23	Reprogramming triggers endogenous L1 and Alu retrotransposition in human induced pluripotent stem cells. Nature Communications, 2016, 7, 10286.	12.8	113
24	The Influence of LINE-1 and SINE Retrotransposons on Mammalian Genomes. Microbiology Spectrum, 2015, 3, MDNA3-0061-2014.	3.0	236
25	Retrotransposons in pluripotent cells: Impact and new roles in cellular plasticity. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 417-426.	1.9	20
26	Control of mammalian retrotransposons by cellular RNA processing activities. Mobile Genetic Elements, 2014, 4, e28439.	1.8	31
27	The Microprocessor controls the activity of mammalian retrotransposons. Nature Structural and Molecular Biology, 2013, 20, 1173-1181.	8.2	105
28	Microarray Analysis of LTR Retrotransposon Silencing Identifies Hdac1 as a Regulator of Retrotransposon Expression in Mouse Embryonic Stem Cells. PLoS Computational Biology, 2012, 8, e1002486.	3.2	64
29	Reprogramming somatic cells into iPS cells activates LINE-1 retroelement mobility. Human Molecular Genetics, 2012, 21, 208-218.	2.9	145
30	Similarities between long interspersed element-1 (LINE-1) reverse transcriptase and telomerase. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20345-20350.	7.1	60
31	Ataxia telangiectasia mutated (ATM) modulates long interspersed element-1 (L1) retrotransposition in human neural stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20382-20387.	7.1	217
32	LINE-1 Elements in Structural Variation and Disease. Annual Review of Genomics and Human Genetics, 2011, 12, 187-215.	6.2	471
33	Epigenetic Control of Retrotransposon Expression in Human Embryonic Stem Cells. Molecular and Cellular Biology, 2011, 31, 300-316.	2.3	128
34	Endogenous APOBEC3B Restricts LINE-1 Retrotransposition in Transformed Cells and Human Embryonic Stem Cells. Journal of Biological Chemistry, 2011, 286, 36427-36437.	3.4	90
35	Epigenetic silencing of engineered L1 retrotransposition events in human embryonic carcinoma cells. Nature, 2010, 466, 769-773.	27.8	157
36	L1 retrotransposition in human neural progenitor cells. Nature, 2009, 460, 1127-1131.	27.8	750

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37	Distinct mechanisms for trans-mediated mobilization of cellular RNAs by the LINE-1 reverse transcriptase. Genome Research, 2007, 17, 602-611.	5.5	111
38	LINE-1 retrotransposition in human embryonic stem cells. Human Molecular Genetics, 2007, 16, 1569-1577.	2.9	204
39	Cellular inhibitors of long interspersed element 1 and Alu retrotransposition. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8780-8785.	7.1	343
40	Unconventional translation of mammalian LINE-1 retrotransposons. Genes and Development, 2006, 20, 210-224.	5.9	157
41	The Non-LTR (Long Terminal Repeat) Retrotransposon L1Tc fromTrypanosoma cruzi Codes for a Protein with RNase H Activity. Journal of Biological Chemistry, 2002, 277, 28025-28030.	3.4	23