

# Victoria P Belancio

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,564  
citations

279798

23  
h-index

243625

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian non-LTR retrotransposons: For better or worse, in sickness and in health. <i>Genome Research</i> , 2008, 18, 343-358.	5.5	285
2	Melatonin: an inhibitor of breast cancer. <i>Endocrine-Related Cancer</i> , 2015, 22, R183-R204.	3.1	238
3	Somatic expression of LINE-1 elements in human tissues. <i>Nucleic Acids Research</i> , 2010, 38, 3909-3922.	14.5	206
4	LINE-1 RNA splicing and influences on mammalian gene expression. <i>Nucleic Acids Research</i> , 2006, 34, 1512-1521.	14.5	180
5	All you™all need to know about retroelements in cancer. <i>Seminars in Cancer Biology</i> , 2010, 20, 200-210.	9.6	166
6	Emergence of primate genes by retrotransposon-mediated sequence transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17608-17613.	7.1	141
7	L1 mobile element expression causes multiple types of toxicity. <i>Gene</i> , 2008, 419, 75-81.	2.2	128
8	LINE dancing in the human genome: transposable elements and disease. <i>Genome Medicine</i> , 2009, 1, 97.	8.2	118
9	Light Exposure at Night Disrupts Host/Cancer Circadian Regulatory Dynamics: Impact on the Warburg Effect, Lipid Signaling and Tumor Growth Prevention. <i>PLoS ONE</i> , 2014, 9, e102776.	2.5	97
10	A comprehensive approach to expression of L1 loci. <i>Nucleic Acids Research</i> , 2017, 45, e31-e31.	14.5	86
11	Doxorubicin resistance in breast cancer is driven by light at night-induced disruption of the circadian melatonin signal. <i>Journal of Pineal Research</i> , 2015, 59, 60-69.	7.4	82
12	Mouse germ line mutations due to retrotransposon insertions. <i>Mobile DNA</i> , 2019, 10, 15.	3.6	81
13	Melatonin suppression of aerobic glycolysis (Warburg effect), survival signalling and metastasis in human leiomyosarcoma. <i>Journal of Pineal Research</i> , 2016, 60, 167-177.	7.4	75
14	The RNA Polymerase Dictates ORF1 Requirement and Timing of LINE and SINE Retrotransposition. <i>PLoS Genetics</i> , 2009, 5, e1000458.	3.5	65
15	Nickel Stimulates L1 Retrotransposition by a Post-transcriptional Mechanism. <i>Journal of Molecular Biology</i> , 2005, 354, 246-257.	4.2	59
16	Regulation of L1 expression and retrotransposition by melatonin and its receptor: implications for cancer risk associated with light exposure at night. <i>Nucleic Acids Research</i> , 2014, 42, 7694-7707.	14.5	56
17	Potential for genomic instability associated with retrotranspositionally-incompetent L1 loci. <i>Nucleic Acids Research</i> , 2014, 42, 10488-10502.	14.5	44
18	The aging clock and circadian control of metabolism and genome stability. <i>Frontiers in Genetics</i> , 2014, 5, 455.	2.3	38

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19	Expressing genes do not forget their LINES: transposable elements and gene expression. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 1329.	3.0	37
20	The Nucleotide Excision Repair Pathway Limits L1 Retrotransposition. <i>Genetics</i> , 2017, 205, 139-153.	2.9	31
21	Daytime Blue Light Enhances the Nighttime Circadian Melatonin Inhibition of Human Prostate Cancer Growth. <i>Comparative Medicine</i> , 2015, 65, 473-85.	1.0	31
22	Requirements for polyadenylation at the 3' end of LINE-1 elements. <i>Gene</i> , 2007, 390, 98-107.	2.2	29
23	Effects of Daytime Exposure to Light from Blue-Enriched Light-Emitting Diodes on the Nighttime Melatonin Amplitude and Circadian Regulation of Rodent Metabolism and Physiology. <i>Comparative Medicine</i> , 2016, 66, 373-383.	1.0	25
24	Characterization of L1 ORF1p Self-Interaction and Cellular Localization Using a Mammalian Two-Hybrid System. <i>PLoS ONE</i> , 2013, 8, e82021.	2.5	22
25	Molecular Reconstruction of Extinct LINE-1 Elements and Their Interaction with Nonautonomous Elements. <i>Molecular Biology and Evolution</i> , 2013, 30, 88-99.	8.9	21
26	Truncated ORF1 proteins can suppress LINE-1 retrotransposition in trans. <i>Nucleic Acids Research</i> , 2017, 45, 5294-5308.	14.5	21
27	Influence of Daytime LED Light Exposure on Circadian Regulatory Dynamics of Metabolism and Physiology in Mice. <i>Comparative Medicine</i> , 2019, 69, 350-373.	1.0	21
28	LINE-1 activity as molecular basis for genomic instability associated with light exposure at night. <i>Mobile Genetic Elements</i> , 2015, 5, 46-50.	1.8	20
29	Restless Genomes. <i>Advances in Genetics</i> , 2011, 73, 219-262.	1.8	19
30	Development of a monoclonal antibody specific to the endonuclease domain of the human LINE-1 ORF2 protein. <i>Mobile DNA</i> , 2014, 5, 29.	3.6	15
31	The endonuclease domain of the LINE-1 ORF2 protein can tolerate multiple mutations. <i>Mobile DNA</i> , 2016, 7, 8.	3.6	15
32	Effect of Daytime Blue-enriched LED Light on the Nighttime Circadian Melatonin Inhibition of Hepatoma 7288CTC Warburg Effect and Progression. <i>Comparative Medicine</i> , 2018, 68, 269-279.	1.0	15
33	Importance of RNA analysis in interpretation of reporter gene expression data. <i>Analytical Biochemistry</i> , 2011, 417, 159-161.	2.4	13
34	Comparative analysis on the expression of L1 loci using various RNA-Seq preparations. <i>Mobile DNA</i> , 2020, 11, 2.	3.6	12
35	Organ-, sex- and age-dependent patterns of endogenous L1 mRNA expression at a single locus resolution. <i>Nucleic Acids Research</i> , 2021, 49, 5813-5831.	14.5	12
36	Detection of LINE-1 RNAs by Northern Blot. <i>Methods in Molecular Biology</i> , 2016, 1400, 223-236.	0.9	11

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37	Identification of L1 ORF2p sequence important to retrotransposition using Bipartite Alu retrotransposition (BAR). <i>Nucleic Acids Research</i> , 2016, 44, 4818-4834.	14.5	10
38	RNA Next-Generation Sequencing and a Bioinformatics Pipeline to Identify Expressed LINE-1s at the Locus-Specific Level. <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	9
39	Analysis of epigenetic features characteristic of L1 loci expressed in human cells. <i>Nucleic Acids Research</i> , 2022, 50, 1888-1907.	14.5	9
40	Involvement of Conserved Amino Acids in the C-Terminal Region of LINE-1 ORF2p in Retrotransposition. <i>Genetics</i> , 2017, 205, 1139-1149.	2.9	7
41	A new apparatus and surgical technique for the dual perfusion of human tumor xenografts in situ in nude rats. <i>Comparative Medicine</i> , 2012, 62, 99-108.	1.0	7
42	The importance of L1 ORF2p cryptic sequence to ORF2p fragment-mediated cytotoxicity. <i>Mobile Genetic Elements</i> , 2016, 6, e1198300.	1.8	4
43	Evaluating different DNA binding domains to modulate L1 ORF2p-driven site-specific retrotransposition events in human cells. <i>Gene</i> , 2018, 642, 188-198.	2.2	2
44	The 2019 FASEB Science Research Conference on The Mobile DNA Conference: 25 Years of Discussion and Research, June 23â€“28, Palm Springs, California, USA. <i>FASEB Journal</i> , 2019, 33, 11625-11628.	0.5	1
45	Editorial for the special issue on Mobile DNA 2019: 25 Years of discussion and research. <i>Analytical Biochemistry</i> , 2020, 606, 113888.	2.4	0