

Victoria V Lunyak

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

4,123
citations

23
h-index

40
g-index

40
ext. papers

4,561
ext. citations

13.7
avg, IF

5.24
L-index

#	Paper	IF	Citations
39	Sensors and signals: a coactivator/corepressor/epigenetic code for integrating signal-dependent programs of transcriptional response. <i>Genes and Development</i> , 2006 , 20, 1405-28	12.6	728
38	A topoisomerase IIbeta-mediated dsDNA break required for regulated transcription. <i>Science</i> , 2006 , 312, 1798-802	33.3	645
37	Combinatorial roles of the nuclear receptor corepressor in transcription and development. <i>Cell</i> , 2000 , 102, 753-63	56.2	424
36	Corepressor-dependent silencing of chromosomal regions encoding neuronal genes. <i>Science</i> , 2002 , 298, 1747-52	33.3	396
35	On the presence and role of human gene-body DNA methylation. <i>Oncotarget</i> , 2012 , 3, 462-74	3.3	295
34	Developmentally regulated activation of a SINE B2 repeat as a domain boundary in organogenesis. <i>Science</i> , 2007 , 317, 248-51	33.3	227
33	Allosteric effects of Pit-1 DNA sites on long-term repression in cell type specification. <i>Science</i> , 2000 , 290, 1127-31	33.3	211
32	Epigenetic regulation of stem cell fate. <i>Human Molecular Genetics</i> , 2008 , 17, R28-36	5.6	114
31	Mesenchymal Stem Cells from Adipose Tissue in Clinical Applications for Dermatological Indications and Skin Aging. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	99
30	No rest for REST: REST/NRSF regulation of neurogenesis. <i>Cell</i> , 2005 , 121, 499-501	56.2	94
29	Epigenetics: judge, jury and executioner of stem cell fate. <i>Epigenetics</i> , 2012 , 7, 823-40	5.7	88
28	Inhibition of activated pericentromeric SINE/Alu repeat transcription in senescent human adult stem cells reinstates self-renewal. <i>Cell Cycle</i> , 2011 , 10, 3016-30	4.7	85
27	An induced Ets repressor complex regulates growth arrest during terminal macrophage differentiation. <i>Cell</i> , 2002 , 109, 169-80	56.2	80
26	Mesenchymal Stem Cells Secretory Responses: Senescence Messaging Secretome and Immunomodulation Perspective. <i>Frontiers in Genetics</i> , 2017 , 8, 220	4.5	62
25	MIR retrotransposon sequences provide insulators to the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4428-37	11.5	60
24	Developmental changes in the Scira II/9A initiation zone for DNA replication. <i>Molecular and Cellular Biology</i> , 2002 , 22, 8426-37	4.8	53
23	Mammalian-wide interspersed repeat (MIR)-derived enhancers and the regulation of human gene expression. <i>Mobile DNA</i> , 2014 , 5, 14	4.4	48

22	Piwi Is Required to Limit Exhaustion of Aging Somatic Stem Cells. <i>Cell Reports</i> , 2017 , 20, 2527-2537	10.6	47
21	A Gibbs sampling strategy applied to the mapping of ambiguous short-sequence tags. <i>Bioinformatics</i> , 2010 , 26, 2501-8	7.2	35
20	Signaling and transcriptional control of pituitary development. <i>Current Opinion in Genetics and Development</i> , 2002 , 12, 534-39	4.9	34
19	Boundaries. Boundaries...Boundaries???. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 281-7	9	33
18	Genome-wide prediction and analysis of human chromatin boundary elements. <i>Nucleic Acids Research</i> , 2012 , 40, 511-29	20.1	31
17	BroadPeak: a novel algorithm for identifying broad peaks in diffuse ChIP-seq datasets. <i>Bioinformatics</i> , 2013 , 29, 492-3	7.2	27
16	REST and peace for the neuronal-specific transcriptional program. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1014, 110-20	6.5	22
15	Depletion of nuclear histone H2A variants is associated with chronic DNA damage signaling upon drug-evoked senescence of human somatic cells. <i>Aging</i> , 2012 , 4, 823-42	5.6	20
14	Regulation of vascular endothelial growth factor D by orphan receptors hepatocyte nuclear factor-4 alpha and chicken ovalbumin upstream promoter transcription factors 1 and 2. <i>Cancer Research</i> , 2008 , 68, 457-66	10.1	19
13	Protein interactions with piALU RNA indicates putative participation of retroRNA in the cell cycle, DNA repair and chromatin assembly. <i>Mobile Genetic Elements</i> , 2012 , 2, 26-35		17
12	Genomic relationship between SINE retrotransposons, Pol III-Pol II transcription, and chromatin organization: the journey from junk to jewel. <i>Biochemistry and Cell Biology</i> , 2011 , 89, 495-504	3.6	16
11	Transcriptional profiling of interleukin-2-primed human adipose derived mesenchymal stem cells revealed dramatic changes in stem cells response imposed by replicative senescence. <i>Oncotarget</i> , 2015 , 6, 17938-57	3.3	16
10	Adipose stem cells from obese patients show specific differences in the metabolic regulators vitamin D and Gas5. <i>Molecular Genetics and Metabolism Reports</i> , 2017 , 12, 51-56	1.8	14
9	Opposing activities of oncogenic MIR17HG and tumor suppressive MIR100HG clusters and their gene targets regulate replicative senescence in human adult stem cells. <i>Npj Aging and Mechanisms of Disease</i> , 2017 , 3, 7	5.5	14
8	Adult stem cells: simply a tool for regenerative medicine or an additional piece in the puzzle of human aging?. <i>Cell Cycle</i> , 2011 , 10, 4173-6	4.7	14
7	Epigenetics components of aging in the central nervous system. <i>Neurotherapeutics</i> , 2013 , 10, 647-63	6.4	13
6	Chromatin signature discovery via histone modification profile alignments. <i>Nucleic Acids Research</i> , 2012 , 40, 10642-56	20.1	13
5	Aged worms erase epigenetic history. <i>Cell Metabolism</i> , 2011 , 14, 147-8	24.6	9

4	Methods and Strategies for Procurement, Isolation, Characterization, and Assessment of Senescence of Human Mesenchymal Stem Cells from Adipose Tissue. <i>Methods in Molecular Biology</i> , 2019 , 2045, 37-92	1.4	9
3	Do human transposable element small RNAs serve primarily as genome defenders or genome regulators?. <i>Mobile Genetic Elements</i> , 2012 , 2, 19-25		6
2	Acute Genotoxic Stress-Induced Senescence in Human Mesenchymal Cells Drives a Unique Composition of Senescence Messaging Secretome (SMS). <i>Journal of Stem Cell Research & Therapy</i> , 2017 , 07,	1	3
1	Compound cis-regulatory elements with both boundary and enhancer sequences in the human genome. <i>Bioinformatics</i> , 2013 , 29, 3109-12	7.2	2