

Leah A Vardy

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.

43
papers

2,063
citations

24
h-index

45
g-index

48
ext. papers

2,461
ext. citations

8.3
avg, IF

4.42
L-index

#	Paper	IF	Citations
43	SMAUG is a major regulator of maternal mRNA destabilization in <i>Drosophila</i> and its translation is activated by the PAN GU kinase. <i>Developmental Cell</i> , 2007 , 12, 143-55	10.2	229
42	Regulation of constitutive and alternative splicing by PRMT5 reveals a role for Mdm4 pre-mRNA in sensing defects in the spliceosomal machinery. <i>Genes and Development</i> , 2013 , 27, 1903-16	12.6	155
41	Lamin B1 fluctuations have differential effects on cellular proliferation and senescence. <i>Journal of Cell Biology</i> , 2013 , 200, 605-17	7.3	149
40	Cytoplasmic long noncoding RNAs are frequently bound to and degraded at ribosomes in human cells. <i>Rna</i> , 2016 , 22, 867-82	5.8	132
39	PCBP1 suppresses the translation of metastasis-associated PRL-3 phosphatase. <i>Cancer Cell</i> , 2010 , 18, 52-62	24.3	121
38	Activin/Nodal signaling controls divergent transcriptional networks in human embryonic stem cells and in endoderm progenitors. <i>Stem Cells</i> , 2011 , 29, 1176-85	5.8	119
37	Fission yeast ch-TOG/XMAP215 homologue Alp14 connects mitotic spindles with the kinetochore and is a component of the Mad2-dependent spindle checkpoint. <i>EMBO Journal</i> , 2001 , 20, 3389-401	13	118
36	5-Methylcytosine RNA Methylation in <i>Arabidopsis Thaliana</i> . <i>Molecular Plant</i> , 2017 , 10, 1387-1399	14.4	97
35	Identification of novel temperature-sensitive lethal alleles in essential beta-tubulin and nonessential alpha 2-tubulin genes as fission yeast polarity mutants. <i>Molecular Biology of the Cell</i> , 1998 , 9, 1757-71	3.5	79
34	Interdependency of fission yeast Alp14/TOG and coiled coil protein Alp7 in microtubule localization and bipolar spindle formation. <i>Molecular Biology of the Cell</i> , 2004 , 15, 1609-22	3.5	69
33	Transcriptional consequences of genomic structural aberrations in breast cancer. <i>Genome Research</i> , 2011 , 21, 676-87	9.7	67
32	Functional dissection and hierarchy of tubulin-folding cofactor homologues in fission yeast. <i>Molecular Biology of the Cell</i> , 1999 , 10, 2987-3001	3.5	61
31	A fourth component of the fission yeast gamma-tubulin complex, Alp16, is required for cytoplasmic microtubule integrity and becomes indispensable when gamma-tubulin function is compromised. <i>Molecular Biology of the Cell</i> , 2002 , 13, 2360-73	3.5	56
30	Regulating translation of maternal messages: multiple repression mechanisms. <i>Trends in Cell Biology</i> , 2007 , 17, 547-54	18.3	55
29	The <i>Drosophila</i> PNG kinase complex regulates the translation of cyclin B. <i>Developmental Cell</i> , 2007 , 12, 157-66	10.2	55
28	A conserved small GTP-binding protein Alp41 is essential for the cofactor-dependent biogenesis of microtubules in fission yeast. <i>FEBS Letters</i> , 2000 , 468, 84-8	3.8	48
27	Contrasting expression patterns of coding and noncoding parts of the human genome upon oxidative stress. <i>Scientific Reports</i> , 2015 , 5, 9737	4.9	44

26	AMD1 is essential for ESC self-renewal and is translationally down-regulated on differentiation to neural precursor cells. <i>Genes and Development</i> , 2012 , 26, 461-73	12.6	41
25	MicroRNA-31 promotes adverse cardiac remodeling and dysfunction in ischemic heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 112, 27-39	5.8	35
24	RPL39L is an example of a recently evolved ribosomal protein paralog that shows highly specific tissue expression patterns and is upregulated in ESCs and HCC tumors. <i>RNA Biology</i> , 2014 , 11, 33-41	4.8	34
23	Translatome analysis of CHO cells to identify key growth genes. <i>Journal of Biotechnology</i> , 2013 , 167, 215-24	3.7	27
22	The gamma-tubulin complex protein Alp4 provides a link between the metaphase checkpoint and cytokinesis in fission yeast. <i>Genes To Cells</i> , 2002 , 7, 365-73	2.3	27
21	Regulation of Cyclin A protein in meiosis and early embryogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 1838-43	11.5	26
20	A role for polyamine regulators in ESC self-renewal. <i>Cell Cycle</i> , 2012 , 11, 4517-23	4.7	25
19	Deletion of Mia1/Alp7 activates Mad2-dependent spindle assembly checkpoint in fission yeast. <i>Nature Cell Biology</i> , 2003 , 5, 764-6; author reply 766	23.4	23
18	Natriuretic peptide receptor 3 (NPR3) is regulated by microRNA-100. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 82, 13-21	5.8	22
17	Determination of isoform-specific RNA structure with nanopore long reads. <i>Nature Biotechnology</i> , 2021 , 39, 336-346	44.5	22
16	miR-Sens—a retroviral dual-luciferase reporter to detect microRNA activity in primary cells. <i>Rna</i> , 2012 , 18, 1091-100	5.8	21
15	Drosophila genome-scale screen for PAN GU kinase substrates identifies Mat89Bb as a cell cycle regulator. <i>Developmental Cell</i> , 2005 , 8, 435-42	10.2	18
14	Understanding translational control mechanisms of the mTOR pathway in CHO cells by polysome profiling. <i>New Biotechnology</i> , 2014 , 31, 514-23	6.4	15
13	Histone modifications and p53 binding poise the p21 promoter for activation in human embryonic stem cells. <i>Scientific Reports</i> , 2016 , 6, 28112	4.9	13
12	MINDY1 Is a Downstream Target of the Polyamines and Promotes Embryonic Stem Cell Self-Renewal. <i>Stem Cells</i> , 2018 , 36, 1170-1178	5.8	11
11	p27 is regulated independently of Skp2 in the absence of Cdk2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 436-45	4.9	11
10	Embryonic Stem Cells Exhibit mRNA Isoform Specific Translational Regulation. <i>PLoS ONE</i> , 2016 , 11, e0143235	3.7	10
9	Divergent LIN28-mRNA associations result in translational suppression upon the initiation of differentiation. <i>Nucleic Acids Research</i> , 2014 , 42, 7997-8007	20.1	9

8	Polyamine Regulator AMD1 Promotes Cell Migration in Epidermal Wound Healing. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 2653-2665	4.3	4
7	Commentary on: Hairless and the polyamine putrescine form a negative regulatory loop in the epidermis. <i>Experimental Dermatology</i> , 2013 , 22, 697-8	4	4
6	The Polyamine Putrescine Promotes Human Epidermal Melanogenesis. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 2032-2040.e1	4.3	2
5	Arginase Signalling as a Key Player in Chronic Wound Pathophysiology and Healing. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 773866	5.6	2
4	Analysis of mRNA Translation Rate in Mouse Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2016 , 1341, 143-55	1.4	1
3	Quantification of Melanosome Transfer Using Immunofluorescence Microscopy and Automated Image Analysis. <i>Methods in Molecular Biology</i> , 2020 , 2109, 55-65	1.4	1
2	The Polyamine Regulator AMD1 Upregulates Spermine Levels to Drive Epidermal Differentiation. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2178-2188.e6	4.3	1
1	Lamin B1 fluctuations have differential effects on cellular proliferation and senescence. <i>Journal of Experimental Medicine</i> , 2013 , 210, i2-i2	16.6	