

Dominique Weil

List of Publications by Year in descending order

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48
papers

3,722
citations

172443

29
h-index

168376

53
g-index

60
all docs

60
docs citations

60
times ranked

4711
citing authors

#	ARTICLE	IF	CITATIONS
1	P-Body Purification Reveals the Condensation of Repressed mRNA Regulons. <i>Molecular Cell</i> , 2017, 68, 144-157.e5.	9.7	581
2	The translational regulator CPEB1 provides a link between dcp1 bodies and stress granules. <i>Journal of Cell Science</i> , 2005, 118, 981-992.	2.0	262
3	Translationally Repressed mRNA Transiently Cycles through Stress Granules during Stress. <i>Molecular Biology of the Cell</i> , 2008, 19, 4469-4479.	2.1	197
4	P-Bodies: Cytosolic Droplets for Coordinated mRNA Storage. <i>Trends in Genetics</i> , 2018, 34, 612-626.	6.7	194
5	Unravelling the ultrastructure of stress granules and associated P-bodies in human cells. <i>Journal of Cell Science</i> , 2009, 122, 3619-3626.	2.0	175
6	CPEB Interacts with an Ovary-specific eIF4E and 4E-T in Early <i>Xenopus</i> Oocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 37389-37401.	3.4	161
7	RNA is a critical element for the sizing and the composition of phase-separated RNA-protein condensates. <i>Nature Communications</i> , 2019, 10, 3230.	12.8	159
8	Esophageal atresia: Data from a national cohort. <i>Journal of Pediatric Surgery</i> , 2013, 48, 1664-1669.	1.6	140
9	P-body assembly requires DDX6 repression complexes rather than decay or Ataxin2/2L complexes. <i>Molecular Biology of the Cell</i> , 2015, 26, 2579-2595.	2.1	137
10	GC content shapes mRNA storage and decay in human cells. <i>ELife</i> , 2019, 8, .	6.0	121
11	In Vivo Kinetics of mRNA Splicing and Transport in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2002, 22, 6706-6718.	2.3	120
12	Role of p54 RNA Helicase Activity and Its C-terminal Domain in Translational Repression, P-body Localization and Assembly. <i>Molecular Biology of the Cell</i> , 2009, 20, 2464-2472.	2.1	111
13	Regulation of pim and myb mRNA accumulation by interleukin 2 and interleukin 3 in murine hematopoietic cell lines. <i>Journal of Biological Chemistry</i> , 1988, 263, 17615-20.	3.4	103
14	Targeting the Kinesin Eg5 to Monitor siRNA Transfection in Mammalian Cells. <i>BioTechniques</i> , 2002, 33, 1244-1248.	1.8	102
15	Mitochondria Associate with P-bodies and Modulate MicroRNA-mediated RNA Interference. <i>Journal of Biological Chemistry</i> , 2011, 286, 24219-24230.	3.4	98
16	The DDX6-4E-T interaction mediates translational repression and P-body assembly. <i>Nucleic Acids Research</i> , 2016, 44, 6318-6334.	14.5	97
17	Multiple binding of repressed mRNAs by the P-body protein Rck/p54. <i>Rna</i> , 2012, 18, 1702-1715.	3.5	79
18	GW body disassembly triggered by siRNAs independently of their silencing activity. <i>Nucleic Acids Research</i> , 2007, 35, 4715-4727.	14.5	73

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19	CDC2L5, a Cdk-like kinase with RS domain, interacts with the ASF/SF2-associated protein p32 and affects splicing in vivo. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 890-904.	2.6	58
20	Distinct functions of maternal and somatic Pat1 protein paralogs. <i>Rna</i> , 2010, 16, 2094-2107.	3.5	50
21	Rare De Novo Missense Variants in RNA Helicase DDX6 Cause Intellectual Disability and Dysmorphic Features and Lead to P-Body Defects and RNA Dysregulation. <i>American Journal of Human Genetics</i> , 2019, 105, 509-525.	6.2	50
22	Wandering spleen in children: multicenter retrospective study. <i>Journal of Pediatric Surgery</i> , 2010, 45, 1519-1524.	1.6	48
23	Inherited deficiency of stress granule ZNFX1 in patients with monocytosis and mycobacterial disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47
24	Nucleocytoplasmic Traffic of CPEB1 and Accumulation in Crm1 Nucleolar Bodies. <i>Molecular Biology of the Cell</i> , 2009, 20, 176-187.	2.1	45
25	<i>CPEB1</i> , a novel gene silenced in gastric cancer: a <i>Drosophila</i> approach. <i>Gut</i> , 2012, 61, 1115-1123.	12.1	41
26	Predominant Expression of Murine Bmx Tyrosine Kinase in the Granulo-Monocytic Lineage. <i>Blood</i> , 1997, 90, 4332-4340.	1.4	37
27	In vivo cooperation between introns during pre-mRNA processing.. <i>Genes and Development</i> , 1993, 7, 2194-2205.	5.9	36
28	RNA-related nuclear functions of human Pat1b, the P-body mRNA decay factor. <i>Molecular Biology of the Cell</i> , 2012, 23, 213-224.	2.1	36
29	Dual RNA Processing Roles of Pat1b via Cytoplasmic Lsm1-7 and Nuclear Lsm2-8 Complexes. <i>Cell Reports</i> , 2017, 20, 1187-1200.	6.4	34
30	Tau/DDX6 interaction increases microRNA activity. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 762-772.	1.9	32
31	Regulation of pre-mRNA processing by src. <i>Current Biology</i> , 1995, 5, 413-422.	3.9	31
32	Mature mRNAs accumulated in the nucleus are neither the molecules in transit to the cytoplasm nor constitute a stockpile for gene expression. <i>Rna</i> , 2000, 6, 962-975.	3.5	29
33	Laparoscopic adjustable gastric banding in adolescents: Results at two years including psychosocial aspects. <i>Journal of Pediatric Surgery</i> , 2016, 51, 403-408.	1.6	27
34	RNA at the surface of phase-separated condensates impacts their size and number. <i>Biophysical Journal</i> , 2022, 121, 1675-1690.	0.5	24
35	Accumulation of mature mRNA in the nuclear fraction of mammalian cells. <i>FEBS Letters</i> , 1999, 458, 324-328.	2.8	23
36	P-bodies and mitochondria: Which place in RNA interference?. <i>Biochimie</i> , 2012, 94, 1572-1577.	2.6	21

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37	Antisense transcription of a murine FGFR-3 pseudogene during fetal development. <i>Gene</i> , 1997, 187, 115-122.	2.2	20
38	Comparative ultrastructure of CRM1-Nucleolar bodies (CNoBs), Intranucleolar bodies (INBs) and hybrid PML/p62 bodies uncovers new facets of nuclear body dynamic and diversity. <i>Nucleus</i> , 2015, 6, 326-338.	2.2	20
39	Secretion of tumor necrosis factor-alpha by fresh human acute nonlymphoblastic leukemic cells: role in the disappearance of normal CFU-GM progenitors. <i>Experimental Hematology</i> , 1990, 18, 1187-92.	0.4	19
40	Pat1 RNA-binding proteins: Multitasking shuttling proteins. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1557.	6.4	14
41	Mutations in genes encoding regulators of mRNA decapping and translation initiation: links to intellectual disability. <i>Biochemical Society Transactions</i> , 2020, 48, 1199-1211.	3.4	9
42	Cytoplasmic organelles on the road to mRNA decay. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 725-731.	1.9	8
43	High frequency trans-splicing in a cell line producing spliced and polyadenylated RNA polymerase I transcripts from an rDNA-myc chimeric gene. <i>Nucleic Acids Research</i> , 2005, 33, 2332-2342.	14.5	7
44	Induction of tumor necrosis factor-alpha and -beta and interferon-gamma mRNA by interleukin 2 in murine lymphocytic cell lines. <i>Oncogene Research</i> , 1988, 3, 409-14.	1.2	7
45	Re-viewing the 3D Organization of mRNPs. <i>Molecular Cell</i> , 2018, 72, 603-605.	9.7	6
46	Conservative treatment of a mesenteric lymphangiomyomatosis in an 11-year-old girl with a long follow-up period. <i>Journal of Pediatric Surgery</i> , 2004, 39, 1586-1589.	1.6	3
47	Predominant Expression of Murine Bmx Tyrosine Kinase in the Granulo-Monocytic Lineage. <i>Blood</i> , 1997, 90, 4332-4340.	1.4	3
48	Expression of the Wilms' Tumor Suppressor Gene, WT1, Is Upregulated by Leukemia Inhibitory Factor and Induces Monocytic Differentiation in M1 Leukemic Cells. <i>Blood</i> , 1998, 91, 764-773.	1.4	3