Dylan J Taatjes

List of Publications by Year
in descending order

56 papers	8,947 citations	126907 33 h-index	168389 53 g-index
61 all docs	61 docs citations	61 times ranked	11236 citing authors

#	Article	IF	Citations
1	Merging Established Mechanisms with New Insights: Condensates, Hubs, and the Regulation of RNA Polymerase II Transcription. Journal of Molecular Biology, 2022, 434, 167216.	4.2	44
2	Suppression of p53 response by targeting p53-Mediator binding with a stapled peptide. Cell Reports, 2022, 39, 110630.	6.4	5
3	The Mediator kinase module: an interface between cell signaling and transcription. Trends in Biochemical Sciences, 2022, 47, 314-327.	7.5	26
4	The Mediator complex as a master regulator of transcription by RNA polymerase II. Nature Reviews Molecular Cell Biology, 2022, 23, 732-749.	37.0	71
5	RNA Polymerase II Transcription. Journal of Molecular Biology, 2021, 433, 167037.	4.2	3
6	Everything at once: cryo-EM yields remarkable insights into human RNA polymerase II transcription. Nature Structural and Molecular Biology, 2021, 28, 540-543.	8.2	8
7	Transcription factor enrichment analysis (TFEA) quantifies the activity of multiple transcription factors from a single experiment. Communications Biology, 2021, 4, 661.	4.4	21
8	The Î"40p53 isoform inhibits p53-dependent eRNA transcription and enables regulation by signal-specific transcription factors during p53 activation. PLoS Biology, 2021, 19, e3001364.	5.6	14
9	The Role of XPB/Ssl2 dsDNA Translocase Processivity in Transcription Start-site Scanning. Journal of Molecular Biology, 2021, 433, 166813.	4.2	8
10	Selective inhibition of CDK7 reveals high-confidence targets and new models for TFIIH function in transcription. Genes and Development, 2020, 34, 1452-1473.	5.9	47
11	Partitioning of cancer therapeutics in nuclear condensates. Science, 2020, 368, 1386-1392.	12.6	281
12	Structure and mechanism of the RNA polymerase II transcription machinery. Genes and Development, 2020, 34, 465-488.	5.9	167
13	TFIID Enables RNA Polymerase II Promoter-Proximal Pausing. Molecular Cell, 2020, 78, 785-793.e8.	9.7	55
14	PolÂII phosphorylation regulates a switch between transcriptional and splicing condensates. Nature, 2019, 572, 543-548.	27.8	457
15	Transcriptional Responses to IFN-Î³ Require Mediator Kinase-Dependent Pause Release and Mechanistically Distinct CDK8 and CDK19 Functions. Molecular Cell, 2019, 76, 485-499.e8.	9.7	52
16	Mediator Condensates Localize Signaling Factors to Key Cell Identity Genes. Molecular Cell, 2019, 76, 753-766.e6.	9.7	188
17	The nuclear interactome of DYRK1A reveals a functional role in DNA damage repair. Scientific Reports, 2019, 9, 6539.	3.3	42
18	Regulatory functions of the Mediator kinases CDK8 and CDK19. Transcription, 2019, 10, 76-90.	3.1	79

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19	The essential and multifunctional TFIIH complex. Protein Science, 2018, 27, 1018-1037.	7.6	88
20	The complex structure and function of Mediator. Journal of Biological Chemistry, 2018, 293, 13778-13785.	3.4	65
21	Transcription Factors Activate Genes through the Phase-Separation Capacity of Their Activation Domains. Cell, 2018, 175, 1842-1855.e16.	28.9	1,195
22	A Kinase-Independent Role for Cyclin-Dependent Kinase 19 in p53 Response. Molecular and Cellular Biology, 2017, 37, .	2.3	57
23	Studying transcription initiation by RNA polymerase with diffusionâ€based singleâ€molecule fluorescence. Protein Science, 2017, 26, 1278-1290.	7.6	13
24	The Continuing SAGA of TFIID and RNA Polymerase II Transcription. Molecular Cell, 2017, 68, 1-2.	9.7	31
25	Chemical Synthesis of the Multiply Phosphorylated and Biotinylated N-Terminal Transactivation Domain of Human p53 (p53TAD). Synlett, 2017, 28, 1917-1922.	1.8	6
26	Human TFIIH Kinase CDK7 Regulates Transcription-Associated Chromatin Modifications. Cell Reports, 2017, 20, 1173-1186.	6.4	123
27	Transcription Factorâ€œMediator Interfaces: Multiple and Multi-Valent. Journal of Molecular Biology, 2017, 429, 2996-2998.	4.2	3
28	Identification of Mediator Kinase Substrates in Human Cells using Cortistatin A and Quantitative Phosphoproteomics. Cell Reports, 2016, 15, 436-450.	6.4	117
29	Macromolecular Complexes in Transcription and Co-Transcriptional RNA Processing. Journal of Molecular Biology, 2016, 428, 2539-2541.	4.2	1
30	Backtracked and paused transcription initiation intermediate of <i>Escherichia coli</i> RNA polymerase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6562-E6571.	7.1	78
31	The Mediator complex: a central integrator of transcription. Nature Reviews Molecular Cell Biology, 2015, 16, 155-166.	37.0	707
32	All in the Family: A Portrait of a Nuclear Receptor Co-Activator Complex. Molecular Cell, 2015, 57, 952-954.	9.7	3
33	Mediator kinase inhibition further activates super-enhancer-associated genes in AML. Nature, 2015, 526, 273-276.	27.8	307
34	Mediating transcription and RNA export. Nature, 2015, 526, 199-200.	27.8	3
35	Architecture of the Human and Yeast General Transcription and DNA Repair Factor TFIIH. Molecular Cell, 2015, 59, 794-806.	9.7	91
36	Mediator redefines itself. Cell Research, 2014, 24, 775-776.	12.0	3

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37	TRIM28 regulates RNA polymerase II promoter-proximal pausing and pause release. Nature Structural and Molecular Biology, 2014, 21, 876-883.	8.2	125
38	The SCFâ€“Fbw7 ubiquitin ligase degrades MED13 and MED13L and regulates CDK8 module association with Mediator. Genes and Development, 2013, 27, 151-156.	5.9	96
39	Activating RNAs associate with Mediator to enhance chromatin architecture and transcription. Nature, 2013, 494, 497-501.	27.8	759
40	CDK8 Kinase Phosphorylates Transcription Factor STAT1 to Selectively Regulate the Interferon Response. Immunity, 2013, 38, 250-262.	14.3	220
41	Smallâ€Molecule Probes to Target the Human Mediator Complex. Israel Journal of Chemistry, 2013, 53, 588-595.	2.3	7
42	The human Î”Np53 isoform triggers metabolic and gene expression changes that activate mTOR and alter mitochondrial function. Aging Cell, 2013, 12, 863-872.	6.7	14
43	Structure and Mechanism of the human Transcription Initiation Machinery. FASEB Journal, 2012, 26, 227.1.	0.5	0
44	The human Mediator complex: a versatile, genome-wide regulator of transcription. Trends in Biochemical Sciences, 2010, 35, 315-322.	7.5	281
45	CDK8 is a positive regulator of transcriptional elongation within the serum response network. Nature Structural and Molecular Biology, 2010, 17, 194-201.	8.2	303
46	Mediator and cohesin connect gene expression and chromatin architecture. Nature, 2010, 467, 430-435.	27.8	1,707
47	Activator-Mediator binding regulates Mediator-cofactor interactions. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11283-11288.	7.1	92
48	Mediator coâ€activator function is controlled by activatorâ€induced structural shifts. FASEB Journal, 2010, 24, 679.4.	0.5	0
49	CDK8 is a positive regulator of transcriptional elongation within the serum response network.. FASEB Journal, 2010, 24, 456.5.	0.5	0
50	The human CDK8 subcomplex is a molecular switch that controls Mediator coactivator function. Genes and Development, 2009, 23, 439-451.	5.9	290
51	The Human CDK8 Subcomplex Is a Histone Kinase That Requires Med12 for Activity and Can Function Independently of Mediator. Molecular and Cellular Biology, 2009, 29, 650-661.	2.3	193
52	Regulatory diversity among metazoan co-activator complexes. Nature Reviews Molecular Cell Biology, 2004, 5, 403-410.	37.0	137
53	Nuclear Targeting and Nuclear Retention of Anthracyclineâ^'Formaldehyde Conjugates Implicates DNA Covalent Bonding in the Cytotoxic Mechanism of Anthracyclines. Chemical Research in Toxicology, 1999, 12, 588-596.	3.3	37
54	Epidoxoform:â€‰ A Hydrolytically More Stable Anthracyclineâ^'Formaldehyde Conjugate Toxic to Resistant Tumor Cells. Journal of Medicinal Chemistry, 1998, 41, 1306-1314.	6.4	22

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55	Doxoform and Daunoform:â€‰ Anthracyclineâ^'Formaldehyde Conjugates Toxic to Resistant Tumor Cells. Journal of Medicinal Chemistry, 1997, 40, 2452-2461.	6.4	71
56	Redox Pathway Leading to the Alkylation of DNA by the Anthracycline, Antitumor Drugs Adriamycin and Daunomycin. Journal of Medicinal Chemistry, 1997, 40, 1276-1286.	6.4	114