Jane Mellor

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4883376/publications.pdf

Version: 2024-02-01

33 papers	2,253 citations	331538 21 h-index	377752 34 g-index
46 all docs	46 docs citations	46 times ranked	3493 citing authors

#	Article	IF	Citations
1	Is H3K4me3 instructive for transcription activation?. BioEssays, 2017, 39, 1-12.	1.2	373
2	Reverse transcriptase activity and Ty RNA are associated with virus-like particles in yeast. Nature, 1985, 318, 583-586.	13.7	221
3	Polyamines Control eIF5A Hypusination, TFEB Translation, and Autophagy to Reverse B Cell Senescence. Molecular Cell, 2019, 76, 110-125.e9.	4.5	205
4	A retrovirus-like strategy for expression of a fusion protein encoded by yeast transposon Ty1. Nature, 1985, 313, 243-246.	13.7	202
5	The Dynamics of Chromatin Remodeling at Promoters. Molecular Cell, 2005, 19, 147-157.	4.5	189
6	Dynamic nucleosomes and gene transcription. Trends in Genetics, 2006, 22, 320-329.	2.9	151
7	Heterologous Gene Expression inSaccharomyces cerevisiae. Biotechnology and Genetic Engineering Reviews, 1985, 3, 377-416.	2.4	88
8	ISWI complexes in Saccharomyces cerevisiae. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1677, 100-112.	2.4	86
9	Sense and antisense transcription are associated with distinct chromatin architectures across genes. Nucleic Acids Research, 2015, 43, 7823-7837.	6.5	63
10	A glimpse into the epigenetic landscape of gene regulation. Current Opinion in Genetics and Development, 2008, 18, 116-122.	1.5	62
11	A pre-initiation complex at the 3â€²-end of genes drives antisense transcription independent of divergent sense transcription. Nucleic Acids Research, 2012, 40, 2432-2444.	6.5	61
12	Paf1 Has Distinct Roles in Transcription Elongation and Differential Transcript Fate. Molecular Cell, 2017, 65, 685-698.e8.	4.5	55
13	IDH1: Linking Metabolism and Epigenetics. Frontiers in Genetics, 2018, 9, 493.	1.1	53
14	The Interleaved Genome. Trends in Genetics, 2016, 32, 57-71.	2.9	45
15	Antisense transcriptionâ€dependent chromatin signature modulates sense transcript dynamics. Molecular Systems Biology, 2018, 14, e8007.	3.2	42
16	Lysine Acetylation Controls Local Protein Conformation by Influencing Proline Isomerization. Molecular Cell, 2014, 55, 733-744.	4.5	39
17	The molecular basis of metabolic cycles and their relationship to circadian rhythms. Nature Structural and Molecular Biology, 2016, 23, 1035-1044.	3.6	36
18	Transcription mediated insulation and interference direct gene cluster expression switches. ELife, 2014, 3, e03635.	2.8	35

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19	The Chromatin Remodeler ISW1 Is a Quality Control Factor that Surveys Nuclear mRNP Biogenesis. Cell, 2016, 167, 1201-1214.e15.	13.5	34
20	FACT is recruited to theÂ+1 nucleosome of transcribed genes and spreads in a Chd1-dependent manner. Molecular Cell, 2021, 81, 3542-3559.e11.	4.5	33
21	CRISPRi is not strand-specific at all loci and redefines the transcriptional landscape. ELife, 2017, 6, .	2.8	27
22	Using both strands: The fundamental nature of antisense transcription. Bioarchitecture, 2016, 6, 12-21.	1.5	18
23	H3K27 modifiers regulate lifespan in C. elegans in a context-dependent manner. BMC Biology, 2021, 19, 59.	1.7	17
24	Spt4 facilitates the movement of RNA polymerase II through theÂ+2 nucleosomal barrier. Cell Reports, 2021, 36, 109755.	2.9	11
25	Coldâ€induced chromatin compaction and nuclear retention of clock mRNAs resets the circadian rhythm. EMBO Journal, 2020, 39, e105604.	3.5	11
26	Linking the Cell Cycle to Histone Modifications: Dot1, G1/S, and Cycling K79me2. Molecular Cell, 2009, 35, 729-730.	4.5	10
27	Elucidating the Role of Chromatin State and Transcription Factors on the Regulation of the Yeast Metabolic Cycle: A Multi-Omic Integrative Approach. Frontiers in Genetics, 2018, 9, 578.	1.1	10
28	An AT rich region of dyad symmetry is a promoter element in the yeast TRP1 gene. Molecular Genetics and Genomics, 1988, 211, 472-476.	2.4	9
29	Longevity effect of a polysaccharide from Chlorophytum borivilianum on Caenorhabditis elegans and Saccharomyces cerevisiae. PLoS ONE, 2017, 12, e0179813.	1.1	9
30	CHARACTERISATION OF AMYLOLYTIC BREWING YEAST. Journal of the Institute of Brewing, 1996, 102, 27-32.	0.8	6
31	Proline cis-trans isomerization is influenced by local lysine acetylation-deacetylation. Microbial Cell, 2014, 1, 390-392.	1.4	6
32	Pharmacologically induced weight loss is associated with distinct gut microbiome changes in obese rats. BMC Microbiology, 2022, 22, 91.	1.3	4
33	Transcriptional activation by upstream activator sequences requires distinct interactions with downstream elements in the yeast TRP1 promoter. Molecular Genetics and Genomics, 1991, 225, 217-224.	2.4	3