

J M Gottesfeld

List of Publications by Year in descending order

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38
papers

3,526
citations

218677

26
h-index

315739

38
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38
all docs

38
docs citations

38
times ranked

2101
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of gene expression by small molecules. <i>Nature</i> , 1997, 387, 202-205.	27.8	488
2	Mitotic repression of the transcriptional machinery. <i>Trends in Biochemical Sciences</i> , 1997, 22, 197-202.	7.5	357
3	Inhibition of RNA polymerase II transcription in human cells by synthetic DNA-binding ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 12890-12895.	7.1	226
4	Solution structure of the first three zinc fingers of TFIIIA bound to the cognate DNA sequence: determinants of affinity and sequence specificity. <i>Journal of Molecular Biology</i> , 1997, 273, 183-206.	4.2	182
5	Partial Purification of the Template-Active Fraction of Chromatin: A Preliminary Report. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1974, 71, 2193-2197.	7.1	174
6	Identifier sequences are transcribed specifically in brain. <i>Nature</i> , 1984, 308, 237-241.	27.8	155
7	Molecular basis for specific recognition of both RNA and DNA by a zinc finger protein. <i>Science</i> , 1993, 260, 530-533.	12.6	141
8	Mitotic repression of RNA polymerase III transcription in vitro mediated by phosphorylation of a TFIIIB component. <i>Science</i> , 1994, 263, 81-84.	12.6	136
9	Control of Neuronal Gene Expression. <i>Science</i> , 1984, 225, 1308-1315.	12.6	129
10	Domain packing and dynamics in the DNA complex of the N-terminal zinc fingers of TFIIIA. <i>Nature Structural Biology</i> , 1997, 4, 605-608.	9.7	116
11	Structure of transcriptionally active chromatin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1975, 72, 4404-4408.	7.1	114
12	Sequence-specific Recognition of DNA in the Nucleosome by Pyrrole-Imidazole Polyamides. <i>Journal of Molecular Biology</i> , 2001, 309, 615-629.	4.2	107
13	Specific interaction of the first three zinc fingers of TFIIIA with the internal control region of the <i>Xenopus</i> 5 S RNA gene. <i>Journal of Molecular Biology</i> , 1992, 223, 857-871.	4.2	106
14	Structure of transcriptionally-active chromatin subunits. <i>Nucleic Acids Research</i> , 1977, 4, 3155-3174.	14.5	95
15	Definition of the binding sites of individual zinc fingers in the transcription factor IIIA-5S RNA gene complex.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 10822-10826.	7.1	91
16	From The Cover: Molecular recognition of the nucleosomal "supergroove". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6864-6869.	7.1	90
17	Repression of TFIIH Transcriptional Activity and TFIIH-Associated cdk7 Kinase Activity at Mitosis. <i>Molecular and Cellular Biology</i> , 1998, 18, 1467-1476.	2.3	87
18	Repression of RNA Polymerase II and III Transcription during M Phase of the Cell Cycle. <i>Experimental Cell Research</i> , 1996, 229, 282-288.	2.6	78

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19	Energetics and Affinity of the Histone Octamer for Defined DNA Sequences. <i>Biochemistry</i> , 2001, 40, 10927-10933.	2.5	74
20	Chemical Approaches to Control Gene Expression. <i>Gene Expression</i> , 2001, 9, 77-92.	1.2	72
21	Relative Contributions of the Zinc Fingers of Transcription Factor IIIA to the Energetics of DNA Binding. <i>Journal of Molecular Biology</i> , 1994, 244, 23-25.	4.2	66
22	Inhibition of Ets-1 DNA Binding and Ternary Complex Formation between Ets-1, NF- κ B, and DNA by a Designed DNA-binding Ligand. <i>Journal of Biological Chemistry</i> , 1999, 274, 12765-12773.	3.4	64
23	Sequence composition of the template-active fraction of rat liver chromatin. <i>Biochemistry</i> , 1976, 15, 2472-2483.	2.5	62
24	Anti-repression of RNA Polymerase II Transcription by Pyrrole-Imidazole Polyamides. <i>Biochemistry</i> , 1999, 38, 10801-10807.	2.5	57
25	Interaction of the RNA binding Fingers of <i>Xenopus</i> Transcription Factor IIIA with Specific Regions of 5 S Ribosomal RNA. <i>Journal of Molecular Biology</i> , 1995, 248, 44-57.	4.2	47
26	Importance of minor groove binding zinc fingers within the transcription factor IIIA-DNA complex. <i>Journal of Molecular Biology</i> , 1997, 274, 439-445.	4.2	33
27	Chapter 28 Methods for Fractionation of Chromatin into Transcriptionally Active and Inactive Segments. <i>Methods in Cell Biology</i> , 1977, 16, 421-436.	1.1	28
28	Transcriptional Activation of RNA Polymerase III-Dependent Genes by the Human T-Cell Leukemia Virus Type 1 Tax Protein. <i>Molecular and Cellular Biology</i> , 1996, 16, 1777-1785.	2.3	22
29	Minor groove DNA-protein contacts upstream of a tRNA gene detected with a synthetic DNA binding ligand 1 Edited by D. E. Draper. <i>Journal of Molecular Biology</i> , 1999, 286, 973-981.	4.2	21
30	Asymmetric DNA Binding by A Homodimeric bHLH Protein. <i>Biochemistry</i> , 2000, 39, 9092-9098.	2.5	21
31	Identification of a minimal domain of 5 S ribosomal RNA sufficient for high affinity interactions with the RNA-specific zinc fingers of transcription factor IIIA 1 Edited by D. E. Draper. <i>Journal of Molecular Biology</i> , 1999, 291, 549-560.	4.2	19
32	Repression of Vertebrate RNA Polymerase III Transcription by DNA Binding Proteins Located Upstream from the Transcription Start Site. <i>Journal of Molecular Biology</i> , 1995, 250, 315-326.	4.2	18
33	TATA-Box DNA Binding Activity and Subunit Composition of RNA Polymerase III Transcription Factor III B from <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1996, 16, 4639-4647.	2.3	12
34	Assessment of major and minor groove DNA interactions by the zinc fingers of <i>Xenopus</i> transcription factor IIIA. <i>Nucleic Acids Research</i> , 1996, 24, 2567-2574.	14.5	12
35	Role of maturation-promoting factor (p34cdc2-cyclin B) in differential expression of the <i>Xenopus</i> oocyte and somatic-type 5S RNA genes. <i>Molecular and Cellular Biology</i> , 1994, 14, 4704-4711.	2.3	11
36	Additional Intragenic Promoter Elements of the <i>Xenopus</i> 5S RNA Genes Upstream from the TFIIIA-Binding Site. <i>Molecular and Cellular Biology</i> , 1990, 10, 5166-5176.	2.3	9

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37	Role of Maturation-Promoting Factor (p34 ^{cdc2} -Cyclin B) in Differential Expression of the <i>Xenopus</i> Oocyte and Somatic-Type 5S RNA Genes. <i>Molecular and Cellular Biology</i> , 1994, 14, 4704-4711.	2.3	5
38	Differential kinetics of transcription complex assembly distinguish oocyte and somatic 5S RNA genes of <i>Xenopus</i> . <i>Gene Expression</i> , 1997, 6, 387-99.	1.2	1