Mahesh B Chandrasekharan

List of Publications by Year
in descending order

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38 papers	2,206 citations	257450 24 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	3216 citing authors

#	Article	IF	Citations
1	Unification and extensive diversification of M/Orf3-related ion channel proteins in coronaviruses and other nidoviruses. Virus Evolution, 2021, 7, veab014.	4.9	17
2	Targeting DNA Repair and Chromatin Crosstalk in Cancer Therapy. Cancers, 2021, 13, 381.	3.7	3
3	The neural stem-cell marker CD24 is specifically upregulated in IDH-mutant glioma. Translational Oncology, 2020, 13, 100819.	3.7	9
4	The histone H4 basic patch regulates SAGA-mediated H2B deubiquitination and histone acetylation. Journal of Biological Chemistry, 2020, 295, 6561-6569.	3.4	11
5	Establishment and Maintenance of Chromatin Architecture Are Promoted Independently of Transcription by the Histone Chaperone FACT and H3-K56 Acetylation in Saccharomyces cerevisiae. Genetics, 2019, 211, 877-892.	2.9	16
6	A novel SH2 recognition mechanism recruits Spt6 to the doubly phosphorylated RNA polymerase II linker at sites of transcription. ELife, 2017, 6, .	6.0	61
7	Counteracting H3K4 methylation modulators Set1 and Jhd2 co-regulate chromatin dynamics and gene transcription. Nature Communications, 2016, 7, 11949.	12.8	50
8	SUMOylation Regulates Growth Factor Independence 1 in Transcriptional Control and Hematopoiesis. Molecular and Cellular Biology, 2016, 36, 1438-1450.	2.3	14
9	Interaction of the Jhd2 Histone H3 Lys-4 Demethylase with Chromatin Is Controlled by Histone H2A Surfaces and Restricted by H2B Ubiquitination. Journal of Biological Chemistry, 2015, 290, 28760-28777.	3.4	10
10	HDAC1,2 inhibition impairs EZH2- and BBAP- mediated DNA repair to overcome chemoresistance in EZH2 gain-of-function mutant diffuse large B-cell lymphoma. Oncotarget, 2015, 6, 4863-4887.	1.8	35
11	Histone deacetylases 1 and 2 maintain S-phase chromatin and DNA replication fork progression. Epigenetics and Chromatin, 2013, 6, 27.	3.9	62
12	Notch Alters Sumoylation To Govern GFI1 Protein Stability and Support Its Transcriptional Repression Function. Blood, 2013, 122, 3793-3793.	1.4	0
13	Decoding the trans-histone crosstalk: Methods to analyze H2B ubiquitination, H3 methylation and their regulatory factors. Methods, 2011, 54, 304-314.	3.8	17
14	Regulation of Histone H2A and H2B Deubiquitination and Xenopus Development by USP12 and USP46. Journal of Biological Chemistry, 2011, 286, 7190-7201.	3.4	94
15	Hdac3 Is Essential for the Maintenance of Chromatin Structure and Genome Stability. Cancer Cell, 2010, 18, 436-447.	16.8	305
16	Histone H2B C-Terminal Helix Mediates trans-Histone H3K4 Methylation Independent of H2B Ubiquitination. Molecular and Cellular Biology, 2010, 30, 3216-3232.	2.3	36
17	The JmjN Domain of Jhd2 Is Important for Its Protein Stability, and the Plant Homeodomain (PHD) Finger Mediates Its Chromatin Association Independent of H3K4 Methylation. Journal of Biological Chemistry, 2010, 285, 24548-24561.	3.4	55
18	Histone H2B ubiquitination and beyond. Epigenetics, 2010, 5, 460-468.	2.7	102

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19	Ubiquitination of histone H2B regulates chromatin dynamics by enhancing nucleosome stability. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16686-16691.	7.1	175
20	Histone H2BK123 monoubiquitination is the critical determinant for H3K4 and H3K79 trimethylation by COMPASS and Dot1. Journal of Cell Biology, 2009, 186, 371-377.	5.2	118
21	Caffeine induction of Cyp6a2 and Cyp6a8 genes of Drosophila melanogaster is modulated by cAMP and D-JUN protein levels. Gene, 2008, 415, 49-59.	2.2	30
22	Carcinogen-induced histone alteration in normal human mammary epithelial cells. Carcinogenesis, 2007, 28, 2184-2192.	2.8	41
23	Plant SET domain-containing proteins: Structure, function and regulation. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 316-329.	2.4	159
24	Ordered Histone Modifications Are Associated with Transcriptional Poising and Activation of the phaseolin Promoter. Plant Cell, 2006, 18, 119-132.	6.6	85
25	Sequence and Spacing of TATA Box Elements Are Critical for Accurate Initiation from the Î²-Phaseolin Promoter. Journal of Biological Chemistry, 2004, 279, 8102-8110.	3.4	68
26	High rooting frequency and functional analysis of GUS and GFP expression in transgenic Medicago truncatula A17. New Phytologist, 2004, 162, 813-822.	7.3	34
27	The 5Â UTR negatively regulates quantitative and spatial expression from the ABI3 promoter. Plant Molecular Biology, 2004, 54, 25-38.	3.9	41
28	Characterization of two rice DNA methyltransferase genes and RNAi-mediated reactivation of a silenced transgene in rice callus. Planta, 2004, 218, 337-349.	3.2	41
29	Interaction of PvALF and VP1 B3 domains with the Î²-phaseolin promoter. Plant Molecular Biology, 2004, 55, 221-237.	3.9	20
30	Module-specific regulation of the Î²-phaseolin promoter during embryogenesis. Plant Journal, 2003, 33, 853-866.	5.7	91
31	S Phase Progression Is Required for Transcriptional Activation of the Î²-Phaseolin Promoter. Journal of Biological Chemistry, 2003, 278, 45397-45405.	3.4	13
32	Chromatin structure and phaseolin gene regulation. Plant Molecular Biology, 2001, 46, 121-129.	3.9	39
33	Transgene silencing in monocots. Plant Molecular Biology, 2000, 43, 323-346.	3.9	144
34	Transgene silencing in monocots. , 2000, , 203-226.		2
35	Â-Phaseolin gene activation is a two-step process: PvALF- facilitated chromatin modification followed by abscisic acid-mediated gene activation. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7104-7109.	7.1	68
36	Phaseolin: its Past, Properties, Regulation and Future. , 1999, , 209-240.		9

#	Article	IF	Citations
37	Genome intruder scanning and modulation systems and transgene silencing. Trends in Plant Science, 1998, 3, 97-104.	8.8	120
38	Participation of chromatin in the regulation of phaseolin gene expression. Journal of Plant Physiology, 1998, 152, 614-620.	3.5	8