

# 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	Hdac3 Is Essential for the Maintenance of Chromatin Structure and Genome Stability. <i>Cancer Cell</i> , 2010, 18, 436-447.	16.8	305
2	Ubiquitination of histone H2B regulates chromatin dynamics by enhancing nucleosome stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16686-16691.	7.1	175
3	Plant SET domain-containing proteins: Structure, function and regulation. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 316-329.	2.4	159
4	Transgene silencing in monocots. <i>Plant Molecular Biology</i> , 2000, 43, 323-346.	3.9	144
5	Genome intruder scanning and modulation systems and transgene silencing. <i>Trends in Plant Science</i> , 1998, 3, 97-104.	8.8	120
6	Histone H2BK123 monoubiquitination is the critical determinant for H3K4 and H3K79 trimethylation by COMPASS and Dot1. <i>Journal of Cell Biology</i> , 2009, 186, 371-377.	5.2	118
7	Histone H2B ubiquitination and beyond. <i>Epigenetics</i> , 2010, 5, 460-468.	2.7	102
8	Regulation of Histone H2A and H2B Deubiquitination and <i>Xenopus</i> Development by USP12 and USP46. <i>Journal of Biological Chemistry</i> , 2011, 286, 7190-7201.	3.4	94
9	Module-specific regulation of the $\hat{1}^2$ -phaseolin promoter during embryogenesis. <i>Plant Journal</i> , 2003, 33, 853-866.	5.7	91
10	Ordered Histone Modifications Are Associated with Transcriptional Poising and Activation of the phaseolin Promoter. <i>Plant Cell</i> , 2006, 18, 119-132.	6.6	85
11	$\hat{A}$ -Phaseolin gene activation is a two-step process: PvALF- facilitated chromatin modification followed by abscisic acid-mediated gene activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7104-7109.	7.1	68
12	Sequence and Spacing of TATA Box Elements Are Critical for Accurate Initiation from the $\hat{1}^2$ -Phaseolin Promoter. <i>Journal of Biological Chemistry</i> , 2004, 279, 8102-8110.	3.4	68
13	Histone deacetylases 1 and 2 maintain S-phase chromatin and DNA replication fork progression. <i>Epigenetics and Chromatin</i> , 2013, 6, 27.	3.9	62
14	A novel SH2 recognition mechanism recruits Spt6 to the doubly phosphorylated RNA polymerase II linker at sites of transcription. <i>ELife</i> , 2017, 6, .	6.0	61
15	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. <i>Journal of Biological Chemistry</i> , 2010, 285, 24548-24561.	3.4	55
16	Counteracting H3K4 methylation modulators Set1 and Jhd2 co-regulate chromatin dynamics and gene transcription. <i>Nature Communications</i> , 2016, 7, 11949.	12.8	50
17	The 5' UTR negatively regulates quantitative and spatial expression from the ABI3 promoter. <i>Plant Molecular Biology</i> , 2004, 54, 25-38.	3.9	41
18	Characterization of two rice DNA methyltransferase genes and RNAi-mediated reactivation of a silenced transgene in rice callus. <i>Planta</i> , 2004, 218, 337-349.	3.2	41

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19	Carcinogen-induced histone alteration in normal human mammary epithelial cells. <i>Carcinogenesis</i> , 2007, 28, 2184-2192.	2.8	41
20	Chromatin structure and phaseolin gene regulation. <i>Plant Molecular Biology</i> , 2001, 46, 121-129.	3.9	39
21	Histone H2B C-Terminal Helix Mediates <i>trans</i> -Histone H3K4 Methylation Independent of H2B Ubiquitination. <i>Molecular and Cellular Biology</i> , 2010, 30, 3216-3232.	2.3	36
22	HDAC1,2 inhibition impairs EZH2- and BBAP- mediated DNA repair to overcome chemoresistance in EZH2 gain-of-function mutant diffuse large B-cell lymphoma. <i>Oncotarget</i> , 2015, 6, 4863-4887.	1.8	35
23	High rooting frequency and functional analysis of GUS and GFP expression in transgenic <i>Medicago truncatula</i> A17. <i>New Phytologist</i> , 2004, 162, 813-822.	7.3	34
24	Caffeine induction of Cyp6a2 and Cyp6a8 genes of <i>Drosophila melanogaster</i> is modulated by cAMP and DJUN protein levels. <i>Gene</i> , 2008, 415, 49-59.	2.2	30
25	Interaction of PvALF and VP1 B3 domains with the $\hat{I}^2$ -phaseolin promoter. <i>Plant Molecular Biology</i> , 2004, 55, 221-237.	3.9	20
26	Decoding the trans-histone crosstalk: Methods to analyze H2B ubiquitination, H3 methylation and their regulatory factors. <i>Methods</i> , 2011, 54, 304-314.	3.8	17
27	Unification and extensive diversification of M/Orf3-related ion channel proteins in coronaviruses and other nidoviruses. <i>Virus Evolution</i> , 2021, 7, veab014.	4.9	17
28	Establishment and Maintenance of Chromatin Architecture Are Promoted Independently of Transcription by the Histone Chaperone FACT and H3-K56 Acetylation in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 211, 877-892.	2.9	16
29	SUMOylation Regulates Growth Factor Independence 1 in Transcriptional Control and Hematopoiesis. <i>Molecular and Cellular Biology</i> , 2016, 36, 1438-1450.	2.3	14
30	S Phase Progression Is Required for Transcriptional Activation of the $\hat{I}^2$ -Phaseolin Promoter. <i>Journal of Biological Chemistry</i> , 2003, 278, 45397-45405.	3.4	13
31	The histone H4 basic patch regulates SAGA-mediated H2B deubiquitination and histone acetylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 6561-6569.	3.4	11
32	Interaction of the Jhd2 Histone H3 Lys-4 Demethylase with Chromatin Is Controlled by Histone H2A Surfaces and Restricted by H2B Ubiquitination. <i>Journal of Biological Chemistry</i> , 2015, 290, 28760-28777.	3.4	10
33	The neural stem-cell marker CD24 is specifically upregulated in IDH-mutant glioma. <i>Translational Oncology</i> , 2020, 13, 100819.	3.7	9
34	Phaseolin: its Past, Properties, Regulation and Future. , 1999, , 209-240.		9
35	Participation of chromatin in the regulation of phaseolin gene expression. <i>Journal of Plant Physiology</i> , 1998, 152, 614-620.	3.5	8
36	Targeting DNA Repair and Chromatin Crosstalk in Cancer Therapy. <i>Cancers</i> , 2021, 13, 381.	3.7	3

#	ARTICLE	IF	CITATIONS
37	Transgene silencing in monocots. , 2000, , 203-226.		2
38	Notch Alters Sumoylation To Govern GFI1 Protein Stability and Support Its Transcriptional Repression Function. Blood, 2013, 122, 3793-3793.	1.4	0