

Michael R Rountree

List of Publications by Year in descending order

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19
papers

3,261
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

3834
citing authors

#	ARTICLE	IF	CITATIONS
1	DNMT1 binds HDAC2 and a new co-repressor, DMAP1, to form a complex at replication foci. <i>Nature Genetics</i> , 2000, 25, 269-277.	21.4	976
2	Aberrant patterns of DNA methylation, chromatin formation and gene expression in cancer. <i>Human Molecular Genetics</i> , 2001, 10, 687-692.	2.9	801
3	Dnmt3a and Dnmt3b Are Transcriptional Repressors That Exhibit Unique Localization Properties to Heterochromatin. <i>Journal of Biological Chemistry</i> , 2001, 276, 32282-32287.	3.4	385
4	DNA methylation, chromatin inheritance, and cancer. <i>Oncogene</i> , 2001, 20, 3156-3165.	5.9	354
5	DNA methylation inhibits elongation but not initiation of transcription in <i>Neurospora crassa</i> . <i>Genes and Development</i> , 1997, 11, 2383-2395.	5.9	195
6	Regional control of histone H3 lysine 27 methylation in <i>Neurospora</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6027-6032.	7.1	147
7	The Methyl-CpG Binding Protein MBD1 Interacts with the p150 Subunit of Chromatin Assembly Factor 1. <i>Molecular and Cellular Biology</i> , 2003, 23, 3226-3236.	2.3	95
8	DNA methylation and the formation of heterochromatin in <i>Neurospora crassa</i> . <i>Heredity</i> , 2010, 105, 38-44.	2.6	81
9	Induction and maintenance of nonsymmetrical DNA methylation in <i>Neurospora</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 16485-16490.	7.1	46
10	Enzymatic Regional Methylation Assay: A Novel Method to Quantify Regional CpG Methylation Density. <i>Genome Research</i> , 2002, 12, 153-157.	5.5	42
11	H2B- and H3-Specific Histone Deacetylases Are Required for DNA Methylation in <i>Neurospora crassa</i> . <i>Genetics</i> , 2010, 186, 1207-1216.	2.9	38
12	Dual chromatin recognition by the histone deacetylase complex HCHC is required for proper DNA methylation in <i>Neurospora crassa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6135-E6144.	7.1	28
13	<i>Neurospora</i> Importin β Is Required for Normal Heterochromatic Formation and DNA Methylation. <i>PLoS Genetics</i> , 2015, 11, e1005083.	3.5	25
14	A Targeted-Replacement System for Identification of Signals for De Novo Methylation in <i>Neurospora crassa</i> . <i>Molecular and Cellular Biology</i> , 1994, 14, 7059-7067.	2.3	17
15	Nucleosome Positioning by an Evolutionarily Conserved Chromatin Remodeler Prevents Aberrant DNA Methylation in <i>Neurospora</i> . <i>Genetics</i> , 2019, 211, 563-578.	2.9	13
16	Induction of the long noncoding RNA NBR2 from the bidirectional BRCA1 promoter under hypoxic conditions. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 796, 13-19.	1.0	8
17	A Light-Inducible Strain for Genome-Wide Histone Turnover Profiling in <i>Neurospora crassa</i> . <i>Genetics</i> , 2020, 215, 569-578.	2.9	6
18	LSD1 prevents aberrant heterochromatin formation in <i>Neurospora crassa</i> . <i>Nucleic Acids Research</i> , 2020, 48, 10199-10210.	14.5	4

#	ARTICLE	IF	CITATIONS
19	Rapid Response and Slow Recovery of the H3K4me3 Epigenomic Marker in the Liver after Light-mediated Phase Advances of the Circadian Clock. <i>Journal of Biological Rhythms</i> , 2018, 33, 363-375.	2.6	0