Shinji Honda

List of Publications by Year
in descending order

22 papers	1,449 citations	471509 17 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	1672 citing authors

#	Article	IF	Citations
1	Normal Patterns of Histone H3K27 Methylation Require the Histone Variant H2A.Z in Neurospora crassa. Genetics, 2020, 216, 51-66.	2.9	14
2	LSD1 prevents aberrant heterochromatin formation in Neurospora crassa. Nucleic Acids Research, 2020, 48, 10199-10210.	14.5	4
3	Establishment of Neurospora crassa as a model organism for fungal virology. Nature Communications, 2020, 11, 5627.	12.8	26
4	Nucleosome Positioning by an Evolutionarily Conserved Chromatin Remodeler Prevents Aberrant DNA Methylation in <i>Neurospora</i>. Genetics, 2019, 211, 563-578.	2.9	13
5	Telomere repeats induce domains of H3K27 methylation in Neurospora. ELife, 2018, 7, .	6.0	30
6	ASH1-catalyzed H3K36 methylation drives gene repression and marks H3K27me2/3-competent chromatin. ELife, 2018, 7, .	6.0	50
7	Dual chromatin recognition by the histone deacetylase complex HCHC is required for proper DNA methylation in <i>Neurospora crassa</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6135-E6144.	7.1	28
8	Normal chromosome conformation depends on subtelomeric facultative heterochromatin in <i>Neurospora crassa</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15048-15053.	7.1	55
9	<i>Neurospora</i> chromosomes are organized by blocks of importin alpha-dependent heterochromatin that are largely independent of H3K9me3. Genome Research, 2016, 26, 1069-1080.	5.5	64
10	The Cullin-4 Complex DCDC Does Not Require E3 Ubiquitin Ligase Elements To Control Heterochromatin in Neurospora crassa. Eukaryotic Cell, 2015, 14, 25-28.	3.4	11
11	The common ancestral core of vertebrate and fungal telomerase RNAs. Nucleic Acids Research, 2013, 41, 450-462.	14.5	70
12	Heterochromatin protein 1 forms distinct complexes to direct histone deacetylation and DNA methylation. Nature Structural and Molecular Biology, 2012, 19, 471-477.	8.2	63
13	Identification of DIM-7, a protein required to target the DIM-5 H3 methyltransferase to chromatin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8310-8315.	7.1	41
14	DNA Methylation and Normal Chromosome Behavior in Neurospora Depend on Five Components of a Histone Methyltransferase Complex, DCDC. PLoS Genetics, 2010, 6, e1001196.	3.5	93
15	The DMM complex prevents spreading of DNA methylation from transposons to nearby genes in <i>Neurospora crassa</i>. Genes and Development, 2010, 24, 443-454.	5.9	49
16	Relics of repeat-induced point mutation direct heterochromatin formation in <i>Neurospora crassa</i>. Genome Research, 2009, 19, 427-437.	5.5	137
17	A Novel Potential Role for Gametogenetin-Binding Protein 1 (GGNBP1) in Mitochondrial Morphogenesis During Spermatogenesis in Mice1. Biology of Reproduction, 2009, 80, 762-770.	2.7	15
18	Tools for Fungal Proteomics: Multifunctional Neurospora Vectors for Gene Replacement, Protein Expression and Protein Purification. Genetics, 2009, 182, 11-23.	2.9	114

#	Article	IF	Citations
19	Direct Interaction between DNA Methyltransferase DIM-2 and HP1 Is Required for DNA Methylation in <i>Neurospora crassa</i>. Molecular and Cellular Biology, 2008, 28, 6044-6055.	2.3	116
20	MARCHâ€•V is a novel mitofusin 2â€•and Drp1â€•binding protein able to change mitochondrial morphology. EMBO Reports, 2006, 7, 1019-1022.	4.5	369
21	Mutational analysis of action of mitochondrial fusion factor mitofusin-2. Journal of Cell Science, 2005, 118, 3153-3161.	2.0	47
22	Stage-specific enhanced expression of mitochondrial fusion and fission factors during spermatogenesis in rat testis. Biochemical and Biophysical Research Communications, 2003, 311, 424-432.	2.1	37