

Mario Halic

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,174
citations

516681

16
h-index

642715

23
g-index

28
all docs

28
docs citations

28
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	Following the signal sequence from ribosomal tunnel exit to signal recognition particle. <i>Nature</i> , 2006, 444, 507-511.	27.8	184
2	Dicer-Independent Primal RNAs Trigger RNAi and Heterochromatin Formation. <i>Cell</i> , 2010, 140, 504-516.	28.9	156
3	Histone octamer rearranges to adapt to DNA unwrapping. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 101-108.	8.2	149
4	Bridging of DNA breaks activates PARP2-HPF1 to modify chromatin. <i>Nature</i> , 2020, 585, 609-613.	27.8	90
5	Increased fidelity of protein synthesis extends lifespan. <i>Cell Metabolism</i> , 2021, 33, 2288-2300.e12.	16.2	66
6	Structural rearrangements of the histone octamer translocate DNA. <i>Nature Communications</i> , 2018, 9, 1330.	12.8	63
7	Transposon Silencing by piRNAs. <i>Cell</i> , 2009, 138, 1058-1060.	28.9	59
8	Cryo-EM of nucleosome core particle interactions in trans. <i>Scientific Reports</i> , 2018, 8, 7046.	3.3	55
9	Argonaute and Triman Generate Dicer-Independent piRNAs and Mature siRNAs to Initiate Heterochromatin Formation. <i>Molecular Cell</i> , 2013, 52, 173-183.	9.7	52
10	CENP- α unwraps the human CENP- α nucleosome through the H2A C-terminal tail. <i>EMBO Reports</i> , 2019, 20, e48913.	4.5	46
11	Nucleosome and ubiquitin position Set2 to methylate H3K36. <i>Nature Communications</i> , 2019, 10, 3795.	12.8	44
12	Tailing and degradation of Argonaute-bound small RNAs protect the genome from uncontrolled RNAi. <i>Nature Communications</i> , 2017, 8, 15332.	12.8	41
13	Shelterin and subtelomeric DNA sequences control nucleosome maintenance and genome stability. <i>EMBO Reports</i> , 2019, 20, .	4.5	30
14	Accumulation of RNA on chromatin disrupts heterochromatic silencing. <i>Genome Research</i> , 2017, 27, 1174-1183.	5.5	28
15	Fuzzy Interactions Form and Shape the Histone Transport Complex. <i>Molecular Cell</i> , 2019, 73, 1191-1203.e6.	9.7	21
16	Structure and dynamics of the chromatin remodeler ALC1 bound to a PARylated nucleosome. <i>ELife</i> , 2021, 10, .	6.0	21
17	Disordered region of H3K9 methyltransferase Clr4 binds the nucleosome and contributes to its activity. <i>Nucleic Acids Research</i> , 2019, 47, 6726-6736.	14.5	20
18	The Chp1 chromodomain binds the H3K9me tail and the nucleosome core to assemble heterochromatin. <i>Cell Discovery</i> , 2016, 2, 16004.	6.7	17

#	ARTICLE	IF	CITATIONS
19	Simplified Method for Rapid Purification of Soluble Histones. Croatica Chemica Acta, 2016, 89, .	0.4	9
20	22G-RNAs in Transposon Silencing and Centromere Function. Molecular Cell, 2009, 36, 170-171.	9.7	8
21	Fidelity in RNA-based recognition of transposable elements. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20180168.	4.0	8
22	Preparative two-step purification of recombinant H1.0 linker histone and its domains. PLoS ONE, 2017, 12, e0189040.	2.5	3
23	Ccr4â€œNot complex reduces transcription efficiency in heterochromatin. Nucleic Acids Research, 2022, 50, 5565-5576.	14.5	3