

Francesca Mattioli

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,743
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2752
citing authors

#	ARTICLE	IF	CITATIONS
1	RNF168 Ubiquitinates K13-15 on H2A/H2AX to Drive DNA Damage Signaling. <i>Cell</i> , 2012, 150, 1182-1195.	28.9	516
2	RNF8- and RNF168-dependent degradation of KDM4A/JMJD2A triggers 53BP1 recruitment to DNA damage sites. <i>EMBO Journal</i> , 2012, 31, 1865-1878.	7.8	302
3	Structure of histone-based chromatin in Archaea. <i>Science</i> , 2017, 357, 609-612.	12.6	149
4	Lysine-targeting specificity in ubiquitin and ubiquitin-like modification pathways. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 308-316.	8.2	130
5	Akt-mediated phosphorylation of Bmi1 modulates its oncogenic potential, E3 ligase activity, and DNA damage repair activity in mouse prostate cancer. <i>Journal of Clinical Investigation</i> , 2012, 122, 1920-1932.	8.2	101
6	Histone Ubiquitination: An Integrative Signaling Platform in Genome Stability. <i>Trends in Genetics</i> , 2021, 37, 566-581.	6.7	98
7	The nucleosome acidic patch plays a critical role in RNF168-dependent ubiquitination of histone H2A. <i>Nature Communications</i> , 2014, 5, 3291.	12.8	79
8	DNA-mediated association of two histone-bound complexes of yeast Chromatin Assembly Factor-1 (CAF-1) drives tetrasome assembly in the wake of DNA replication. <i>ELife</i> , 2017, 6, .	6.0	71
9	Mechanistic insights into histone deposition and nucleosome assembly by the chromatin assembly factor-1. <i>Nucleic Acids Research</i> , 2018, 46, 9907-9917.	14.5	67
10	The right place at the right time: chaperoning core histone variants. <i>EMBO Reports</i> , 2015, 16, 1454-1466.	4.5	55
11	A Novel SUMO1-specific Interacting Motif in Dipeptidyl Peptidase 9 (DPP9) That Is Important for Enzymatic Regulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 44320-44329.	3.4	53
12	The Crucial Step in Ether Phospholipid Biosynthesis: Structural Basis of a Noncanonical Reaction Associated with a Peroxisomal Disorder. <i>Structure</i> , 2007, 15, 683-692.	3.3	44
13	The Cac2 subunit is essential for productive histone binding and nucleosome assembly in CAF-1. <i>Scientific Reports</i> , 2017, 7, 46274.	3.3	30
14	Archaeal $\langle scp \rangle$ DNA on the histone merrylâ€œ ground. <i>FEBS Journal</i> , 2018, 285, 3168-3174.	4.7	13
15	Structural aspects of multi-domain RING/Ubox E3 ligases in DNA repair. <i>DNA Repair</i> , 2009, 8, 525-535.	2.8	11
16	A Deubiquitylating Complex Required for Neosynthesis of a Yeast Mitochondrial ATP Synthase Subunit. <i>PLoS ONE</i> , 2012, 7, e38071.	2.5	8
17	FRET-based Stoichiometry Measurements of Protein Complexes in vitro. <i>Bio-protocol</i> , 2018, 8, .	0.4	7
18	Measuring Nucleosome Assembly Activity in vitro with the Nucleosome Assembly and Quantification (NAQ) Assay. <i>Bio-protocol</i> , 2018, 8, .	0.4	4

#	ARTICLE	IF	CITATIONS
19	Identifying a recombinant alkyl-dihydroxyacetonephosphate synthase suited for crystallographic studies. <i>Protein Expression and Purification</i> , 2007, 55, 343-351.	1.3	2
20	Protein interactions regulate ubiquitin and SUMO conjugation. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s2-s2.	0.3	0