Ignasi Forne

List of Publications by Year
in descending order

62 papers	3,003 citations	201575 27 h-index	182361 51 g-index
64 all docs	64 docs citations	64 times ranked	5863 citing authors

#	Article	IF	Citations
1	hnRNP A3 binds to GGGGCC repeats and is a constituent of p62-positive/TDP43-negative inclusions in the hippocampus of patients with C9orf72 mutations. Acta Neuropathologica, 2013, 125, 413-423.	3.9	302
2	DNA methylation requires a DNMT1 ubiquitin interacting motif (UIM) and histone ubiquitination. Cell Research, 2015, 25, 911-929.	5.7	201
3	Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. Cell Reports, 2021, 35, 109126.	2.9	176
4	H4K20me0 marks post-replicative chromatin and recruits the TONSLâ€“MMS22L DNA repair complex. Nature, 2016, 534, 714-718.	13.7	172
5	Circadian acetylome reveals regulation of mitochondrial metabolic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3339-3344.	3.3	133
6	Related B cell clones that populate the CSF and CNS of patients with multiple sclerosis produce CSF immunoglobulin. Journal of Neuroimmunology, 2011, 233, 245-248.	1.1	119
7	Global and Specific Responses of the Histone Acetylome to Systematic Perturbation. Molecular Cell, 2015, 57, 559-571.	4.5	119
8	Impairment of prostate cancer cell growth by a selective and reversible lysineâ€specific demethylase 1 inhibitor. International Journal of Cancer, 2012, 131, 2704-2709.	2.3	118
9	Heptad-Specific Phosphorylation of RNA PolymeraseÂII CTD. Molecular Cell, 2016, 61, 305-314.	4.5	118
10	Life span extension by targeting a link between metabolism and histone acetylation in Drosophila. EMBO Reports, 2016, 17, 455-469.	2.0	116
11	Fish proteome analysis: Model organisms and nonâ€sequenced species. Proteomics, 2010, 10, 858-872.	1.3	113
12	The Myosin Chaperone UNC-45 Is Organized in Tandem Modules to Support Myofilament Formation in C.Âelegans. Cell, 2013, 152, 183-195.	13.5	94
13	Assembly of methylated KDM1A and CHD1 drives androgen receptorâ€dependent transcription and translocation. Nature Structural and Molecular Biology, 2016, 23, 132-139.	3.6	70
14	Tyrosine-1 of RNA Polymerase II CTD Controls Global Termination of Gene Transcription in Mammals. Molecular Cell, 2018, 69, 48-61.e6.	4.5	66
15	Proteome dynamics at broken replication forks reveal a distinct ATM-directed repair response suppressing DNA double-strand break ubiquitination. Molecular Cell, 2021, 81, 1084-1099.e6.	4.5	57
16	Coronin 1A, a novel player in integrin biology, controls neutrophil trafficking in innate immunity. Blood, 2017, 130, 847-858.	0.6	56
17	Domain Model Explains Propagation Dynamics and Stability of Histone H3K27 and H3K36 Methylation Landscapes. Cell Reports, 2020, 30, 1223-1234.e8.	2.9	54
18	Methylation of histone H3 lysine 9 occurs during translation. Nucleic Acids Research, 2015, 43, 9097-9106.	6.5	52

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19	S-adenosyl- <scp>l</scp> -homocysteine hydrolase links methionine metabolism to the circadian clock and chromatin remodeling. Science Advances, 2020, 6, .	4.7	49
20	Probing the Conformation of the ISWI ATPase Domain With Genetically Encoded Photoreactive Crosslinkers and Mass Spectrometry. Molecular and Cellular Proteomics, 2012, 11, M111.012088.	2.5	45
21	Ubiquitome Analysis Reveals PCNA-Associated Factor 15 (PAF15) as a Specific Ubiquitination Target of UHRF1 in Embryonic Stem Cells. Journal of Molecular Biology, 2017, 429, 3814-3824.	2.0	43
22	Cdc42-dependent actin dynamics controls maturation and secretory activity of dendritic cells. Journal of Cell Biology, 2015, 211, 553-567.	2.3	40
23	Molecular Connectivity of Mitochondrial Gene Expression and OXPHOS Biogenesis. Molecular Cell, 2020, 79, 1051-1065.e10.	4.5	40
24	Distinct metabolic adaptation of liver circadian pathways to acute and chronic patterns of alcohol intake. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25250-25259.	3.3	38
25	The Integrity of the HMR complex is necessary for centromeric binding and reproductive isolation in Drosophila. PLoS Genetics, 2021, 17, e1009744.	1.5	35
26	Epsteinâ€“Barr virus-mediated transformation of B cells induces global chromatin changes independent to the acquisition of proliferation. Nucleic Acids Research, 2014, 42, 249-263.	6.5	34
27	Morc3 silences endogenous retroviruses by enabling Daxx-mediated histone H3.3 incorporation. Nature Communications, 2021, 12, 5996.	5.8	34
28	MSL2 Combines Sensor and Effector Functions in Homeostatic Control of the Drosophila Dosage Compensation Machinery. Molecular Cell, 2012, 48, 647-654.	4.5	31
29	2â€Ð DIGE analysis of Senegalese sole (Solea senegalensis) testis proteome in wildâ€caught and hormoneâ€treated F1 fish. Proteomics, 2009, 9, 2171-2181.	1.3	30
30	Shelterin and subtelomeric <scp>DNA</scp> sequences control nucleosome maintenance and genome stability. EMBO Reports, 2019, 20, .	2.0	30
31	Transcriptional and proteomic profiling of flatfish (Solea senegalensis) spermatogenesis. Proteomics, 2011, 11, 2195-2211.	1.3	29
32	Developmental regulation of N-terminal H2B methylation in Drosophila melanogaster. Nucleic Acids Research, 2012, 40, 1536-1549.	6.5	28
33	Role of the STAT1 pathway in apoptosis induced by fludarabine and JAK kinase inhibitors in B-cell chronic lymphocytic leukemia. Leukemia and Lymphoma, 2005, 46, 435-442.	0.6	27
34	DEAD-box helicase DDX27 regulates 3â€² end formation of ribosomal 47S RNA and stably associates with the PeBoW-complex. Experimental Cell Research, 2015, 334, 146-159.	1.2	26
35	ISWI Remodelling of Physiological Chromatin Fibres Acetylated at Lysine 16 of Histone H4. PLoS ONE, 2014, 9, e88411.	1.1	24
36	Site-specific methylation and acetylation of lysine residues in the C-terminal domain (CTD) of RNA polymerase II. Transcription, 2015, 6, 91-101.	1.7	22

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37	Molecular Wiring of a Mitochondrial Translational Feedback Loop. Molecular Cell, 2020, 77, 887-900.e5.	4.5	22
38	PP32 and SET/TAF-Î² proteins regulate the acetylation of newly synthesized histone H4. Nucleic Acids Research, 2017, 45, 11700-11710.	6.5	21
39	Analog-sensitive cell line identifies cellular substrates of CDK9. Oncotarget, 2019, 10, 6934-6943.	0.8	18
40	Trnp1 organizes diverse nuclear membraneâ€less compartments in neural stem cells. EMBO Journal, 2020, 39, e103373.	3.5	16
41	Analysis of Histone Modifications by Mass Spectrometry. Current Protocols in Protein Science, 2018, 92, e54.	2.8	15
42	MIR sequences recruit zinc finger protein ZNF768 to expressed genes. Nucleic Acids Research, 2019, 47, 700-715.	6.5	14
43	Pumilio2 and Staufen2 selectively balance the synaptic proteome. Cell Reports, 2021, 35, 109279.	2.9	14
44	A case of convergent evolution: Several viral and bacterial pathogens hijack RSK kinases through a common linear motif. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
45	Identification of the Autoantigen HB as the Barrier-to-Autointegration Factor. Journal of Biological Chemistry, 2003, 278, 50641-50644.	1.6	13
46	BMAL1 Associates with NOP58 in the Nucleolus and Contributes to Pre-rRNA Processing. IScience, 2020, 23, 101151.	1.9	13
47	Divergent evolution toward sex chromosome-specific gene regulation inDrosophila. Genes and Development, 2021, 35, 1055-1070.	2.7	12
48	Structural Architecture of the Nucleosome Remodeler ISWI Determined from Cross-Linking, Mass Spectrometry, SAXS, and Modeling. Structure, 2018, 26, 282-294.e6.	1.6	11
49	Distinct CoREST complexes act in a cell-type-specific manner. Nucleic Acids Research, 2019, 47, 11649-11666.	6.5	10
50	GSNOR Contributes to Demethylation and Expression of Transposable Elements and Stress-Responsive Genes. Antioxidants, 2021, 10, 1128.	2.2	10
51	Reduced peroxisomal import triggers peroxisomal retrograde signaling. Cell Reports, 2021, 34, 108653.	2.9	9
52	Phosphorylation of the HP1Î² hinge region sequesters KAP1 in heterochromatin and promotes the exit from naÃ¯ve pluripotency. Nucleic Acids Research, 2021, 49, 7406-7423.	6.5	9
53	Helicobacter hepaticus is required for immune targeting of bacterial heat shock protein 60 and fatal colitis in mice. Gut Microbes, 2021, 13, 1-20.	4.3	8
54	Coronin 1B Controls Endothelial Actin Dynamics at Cellâ€“Cell Junctions and Is Required for Endothelial Network Assembly. Frontiers in Cell and Developmental Biology, 2020, 8, 708.	1.8	5

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55	A rapid and robust method for the cryopreservation of human granulosa cells. Histochemistry and Cell Biology, 2021, 156, 509-517.	0.8	5
56	Physical Activity Dynamically Regulates the Hippocampal Proteome along the Dorso-Ventral Axis. International Journal of Molecular Sciences, 2020, 21, 3501.	1.8	4
57	Dietary intervention improves health metrics and life expectancy of the genetically obese Titan mouse. Communications Biology, 2022, 5, 408.	2.0	4
58	Detection of Histone Modification Dynamics during the Cell Cycle by MS-Based Proteomics. Methods in Molecular Biology, 2018, 1832, 61-74.	0.4	2
59	A systemic cell cycle block impacts stage-specific histone modification profiles during Xenopus embryogenesis. PLoS Biology, 2021, 19, e3001377.	2.6	2
60	Fludarabine-Induced Apoptosis in CD19+?/CD5+ B-CLL Cells is a Direct and Nurse-Like-Cell Independent Effect. Leukemia and Lymphoma, 2004, 45, 2307-2314.	0.6	1
61	Mapping protein networks in yeast mitochondria using proximity-dependent biotin identification coupled to proteomics. STAR Protocols, 2020, 1, 100219.	0.5	1
62	Decoding the signaling profile of hematopoietic progenitor kinase 1 (HPK1) in innate immunity: A proteomic approach. European Journal of Immunology, 2022, , .	1.6	1