

Ignasi Forne

List of Publications by Year in descending order

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Version: 2024-02-01

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	A case of convergent evolution: Several viral and bacterial pathogens hijack RSK kinases through a common linear motif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
2	Decoding the signaling profile of hematopoietic progenitor kinase 1 (HPK1) in innate immunity: A proteomic approach. <i>European Journal of Immunology</i> , 2022, , .	1.6	1
3	Dietary intervention improves health metrics and life expectancy of the genetically obese Titan mouse. <i>Communications Biology</i> , 2022, 5, 408.	2.0	4
4	Reduced peroxisomal import triggers peroxisomal retrograde signaling. <i>Cell Reports</i> , 2021, 34, 108653.	2.9	9
5	<i>Helicobacter hepaticus</i> is required for immune targeting of bacterial heat shock protein 60 and fatal colitis in mice. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	8
6	Proteome dynamics at broken replication forks reveal a distinct ATM-directed repair response suppressing DNA double-strand break ubiquitination. <i>Molecular Cell</i> , 2021, 81, 1084-1099.e6.	4.5	57
7	Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. <i>Cell Reports</i> , 2021, 35, 109126.	2.9	176
8	Divergent evolution toward sex chromosome-specific gene regulation in <i>Drosophila</i> . <i>Genes and Development</i> , 2021, 35, 1055-1070.	2.7	12
9	Pumilio2 and Staufén2 selectively balance the synaptic proteome. <i>Cell Reports</i> , 2021, 35, 109279.	2.9	14
10	A rapid and robust method for the cryopreservation of human granulosa cells. <i>Histochemistry and Cell Biology</i> , 2021, 156, 509-517.	0.8	5
11	Phosphorylation of the HP1 ² hinge region sequesters KAP1 in heterochromatin and promotes the exit from naïve pluripotency. <i>Nucleic Acids Research</i> , 2021, 49, 7406-7423.	6.5	9
12	GSNOR Contributes to Demethylation and Expression of Transposable Elements and Stress-Responsive Genes. <i>Antioxidants</i> , 2021, 10, 1128.	2.2	10
13	The Integrity of the HMR complex is necessary for centromeric binding and reproductive isolation in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2021, 17, e1009744.	1.5	35
14	A systemic cell cycle block impacts stage-specific histone modification profiles during <i>Xenopus</i> embryogenesis. <i>PLoS Biology</i> , 2021, 19, e3001377.	2.6	2
15	Morc3 silences endogenous retroviruses by enabling Daxx-mediated histone H3.3 incorporation. <i>Nature Communications</i> , 2021, 12, 5996.	5.8	34
16	Molecular Wiring of a Mitochondrial Translational Feedback Loop. <i>Molecular Cell</i> , 2020, 77, 887-900.e5.	4.5	22
17	BMAL1 Associates with NOP58 in the Nucleolus and Contributes to Pre-rRNA Processing. <i>IScience</i> , 2020, 23, 101151.	1.9	13
18	Coronin 1B Controls Endothelial Actin Dynamics at Cell-Cell Junctions and Is Required for Endothelial Network Assembly. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 708.	1.8	5

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19	S-adenosyl- homocysteine hydrolase links methionine metabolism to the circadian clock and chromatin remodeling . <i>Science Advances</i> , 2020, 6, .	4.7	49
20	Physical Activity Dynamically Regulates the Hippocampal Proteome along the Dorso-Ventral Axis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3501.	1.8	4
21	Domain Model Explains Propagation Dynamics and Stability of Histone H3K27 and H3K36 Methylation Landscapes. <i>Cell Reports</i> , 2020, 30, 1223-1234.e8.	2.9	54
22	Molecular Connectivity of Mitochondrial Gene Expression and OXPHOS Biogenesis. <i>Molecular Cell</i> , 2020, 79, 1051-1065.e10.	4.5	40
23	Trnp1 organizes diverse nuclear membrane-less compartments in neural stem cells. <i>EMBO Journal</i> , 2020, 39, e103373.	3.5	16
24	Mapping protein networks in yeast mitochondria using proximity-dependent biotin identification coupled to proteomics. <i>STAR Protocols</i> , 2020, 1, 100219.	0.5	1
25	Distinct CoREST complexes act in a cell-type-specific manner. <i>Nucleic Acids Research</i> , 2019, 47, 11649-11666.	6.5	10
26	Distinct metabolic adaptation of liver circadian pathways to acute and chronic patterns of alcohol intake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25250-25259.	3.3	38
27	MIR sequences recruit zinc finger protein ZNF768 to expressed genes. <i>Nucleic Acids Research</i> , 2019, 47, 700-715.	6.5	14
28	Shelterin and subtelomeric DNA sequences control nucleosome maintenance and genome stability. <i>EMBO Reports</i> , 2019, 20, .	2.0	30
29	Analog-sensitive cell line identifies cellular substrates of CDK9. <i>Oncotarget</i> , 2019, 10, 6934-6943.	0.8	18
30	Analysis of Histone Modifications by Mass Spectrometry. <i>Current Protocols in Protein Science</i> , 2018, 92, e54.	2.8	15
31	Structural Architecture of the Nucleosome Remodeler ISWI Determined from Cross-Linking, Mass Spectrometry, SAXS, and Modeling. <i>Structure</i> , 2018, 26, 282-294.e6.	1.6	11
32	Tyrosine-1 of RNA Polymerase II CTD Controls Global Termination of Gene Transcription in Mammals. <i>Molecular Cell</i> , 2018, 69, 48-61.e6.	4.5	66
33	Detection of Histone Modification Dynamics during the Cell Cycle by MS-Based Proteomics. <i>Methods in Molecular Biology</i> , 2018, 1832, 61-74.	0.4	2
34	Coronin 1A, a novel player in integrin biology, controls neutrophil trafficking in innate immunity. <i>Blood</i> , 2017, 130, 847-858.	0.6	56
35	Ubiquitome Analysis Reveals PCNA-Associated Factor 15 (PAF15) as a Specific Ubiquitination Target of UHRF1 in Embryonic Stem Cells. <i>Journal of Molecular Biology</i> , 2017, 429, 3814-3824.	2.0	43
36	PP32 and SET/TAF- β proteins regulate the acetylation of newly synthesized histone H4. <i>Nucleic Acids Research</i> , 2017, 45, 11700-11710.	6.5	21

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37	Life span extension by targeting a link between metabolism and histone acetylation in <i>Drosophila</i> . <i>EMBO Reports</i> , 2016, 17, 455-469.	2.0	116
38	H4K20me0 marks post-replicative chromatin and recruits the TONSL/MMS22L DNA repair complex. <i>Nature</i> , 2016, 534, 714-718.	13.7	172
39	Heptad-Specific Phosphorylation of RNA Polymerase II CTD. <i>Molecular Cell</i> , 2016, 61, 305-314.	4.5	118
40	Assembly of methylated KDM1A and CHD1 drives androgen receptor-dependent transcription and translocation. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 132-139.	3.6	70
41	Cdc42-dependent actin dynamics controls maturation and secretory activity of dendritic cells. <i>Journal of Cell Biology</i> , 2015, 211, 553-567.	2.3	40
42	Global and Specific Responses of the Histone Acetylome to Systematic Perturbation. <i>Molecular Cell</i> , 2015, 57, 559-571.	4.5	119
43	DNA methylation requires a DNMT1 ubiquitin interacting motif (UIM) and histone ubiquitination. <i>Cell Research</i> , 2015, 25, 911-929.	5.7	201
44	DEAD-box helicase DDX27 regulates 3' end formation of ribosomal 47S RNA and stably associates with the PeBoW-complex. <i>Experimental Cell Research</i> , 2015, 334, 146-159.	1.2	26
45	Methylation of histone H3 lysine 9 occurs during translation. <i>Nucleic Acids Research</i> , 2015, 43, 9097-9106.	6.5	52
46	Site-specific methylation and acetylation of lysine residues in the C-terminal domain (CTD) of RNA polymerase II. <i>Transcription</i> , 2015, 6, 91-101.	1.7	22
47	ISWI Remodelling of Physiological Chromatin Fibres Acetylated at Lysine 16 of Histone H4. <i>PLoS ONE</i> , 2014, 9, e88411.	1.1	24
48	Epstein-Barr virus-mediated transformation of B cells induces global chromatin changes independent to the acquisition of proliferation. <i>Nucleic Acids Research</i> , 2014, 42, 249-263.	6.5	34
49	The Myosin Chaperone UNC-45 Is Organized in Tandem Modules to Support Myofilament Formation in <i>C.Ælegans</i> . <i>Cell</i> , 2013, 152, 183-195.	13.5	94
50	hnRNP A3 binds to GGGGCC repeats and is a constituent of p62-positive/TDP43-negative inclusions in the hippocampus of patients with C9orf72 mutations. <i>Acta Neuropathologica</i> , 2013, 125, 413-423.	3.9	302
51	Circadian acetylome reveals regulation of mitochondrial metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3339-3344.	3.3	133
52	Probing the Conformation of the ISWI ATPase Domain With Genetically Encoded Photoreactive Crosslinkers and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.012088.	2.5	45
53	Developmental regulation of N-terminal H2B methylation in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 2012, 40, 1536-1549.	6.5	28
54	MSL2 Combines Sensor and Effector Functions in Homeostatic Control of the <i>Drosophila</i> Dosage Compensation Machinery. <i>Molecular Cell</i> , 2012, 48, 647-654.	4.5	31

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55	Impairment of prostate cancer cell growth by a selective and reversible lysine-specific demethylase 1 inhibitor. <i>International Journal of Cancer</i> , 2012, 131, 2704-2709.	2.3	118
56	Related B cell clones that populate the CSF and CNS of patients with multiple sclerosis produce CSF immunoglobulin. <i>Journal of Neuroimmunology</i> , 2011, 233, 245-248.	1.1	119
57	Transcriptional and proteomic profiling of flatfish (<i>Solea senegalensis</i>) spermatogenesis. <i>Proteomics</i> , 2011, 11, 2195-2211.	1.3	29
58	Fish proteome analysis: Model organisms and non-sequenced species. <i>Proteomics</i> , 2010, 10, 858-872.	1.3	113
59	2D DIGE analysis of Senegalese sole (<i>Solea senegalensis</i>) testis proteome in wild-caught and hormone-treated F1 fish. <i>Proteomics</i> , 2009, 9, 2171-2181.	1.3	30
60	Role of the STAT1 pathway in apoptosis induced by fludarabine and JAK kinase inhibitors in B-cell chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2005, 46, 435-442.	0.6	27
61	Fludarabine-Induced Apoptosis in CD19+/?/CD5+ B-CLL Cells is a Direct and Nurse-Like-Cell Independent Effect. <i>Leukemia and Lymphoma</i> , 2004, 45, 2307-2314.	0.6	1
62	Identification of the Autoantigen HB as the Barrier-to-Autointegration Factor. <i>Journal of Biological Chemistry</i> , 2003, 278, 50641-50644.	1.6	13