JoaquÃ-n M Espinosa

List of Publications by Year
in descending order

82 papers	7,050 citations	76326 40 h-index	62596 80 g-index
94 all docs	94 docs citations	94 times ranked	11422 citing authors

#	Article	IF	Citations
1	The Histone Deacetylase Sirt6 Regulates Glucose Homeostasis via Hif1Î±. Cell, 2010, 140, 280-293.	28.9	880
2	Transcriptional regulation by hypoxia inducible factors. Critical Reviews in Biochemistry and Molecular Biology, 2014, 49, 1-15.	5.2	575
3	Transcriptional Regulation by p53 through Intrinsic DNA/Chromatin Binding and Site-Directed Cofactor Recruitment. Molecular Cell, 2001, 8, 57-69.	9.7	403
4	Mechanisms of transcriptional regulation by p53. Cell Death and Differentiation, 2018, 25, 133-143.	11.2	310
5	CDK8 is a positive regulator of transcriptional elongation within the serum response network. Nature Structural and Molecular Biology, 2010, 17, 194-201.	8.2	303
6	HIF1A Employs CDK8-Mediator to Stimulate RNAPII Elongation in Response to Hypoxia. Cell, 2013, 153, 1327-1339.	28.9	300
7	p53 Functions through Stress- and Promoter-Specific Recruitment of Transcription Initiation Components before and after DNA Damage. Molecular Cell, 2003, 12, 1015-1027.	9.7	238
8	Trisomy 21 consistently activates the interferon response. ELife, 2016, 5, .	6.0	238
9	Gene-specific requirement for P-TEFb activity and RNA polymerase II phosphorylation within the p53 transcriptional program. Genes and Development, 2006, 20, 601-612.	5.9	229
10	Global analysis of p53-regulated transcription identifies its direct targets and unexpected regulatory mechanisms. ELife, 2014, 3, e02200.	6.0	205
11	The Human CDK8 Subcomplex Is a Histone Kinase That Requires Med12 for Activity and Can Function Independently of Mediator. Molecular and Cellular Biology, 2009, 29, 650-661.	2.3	193
12	CDK8. Transcription, 2010, 1, 4-12.	3.1	184
13	Autophagy Inhibition Mediates Apoptosis Sensitization in Cancer Therapy by Relieving FOXO3a Turnover. Developmental Cell, 2018, 44, 555-565.e3.	7.0	154
14	Trisomy 21 causes changes in the circulating proteome indicative of chronic autoinflammation. Scientific Reports, 2017, 7, 14818.	3.3	148
15	Identification of a core TP53 transcriptional program with highly distributed tumor suppressive activity. Genome Research, 2017, 27, 1645-1657.	5.5	123
16	Therapeutic Targeting of MLL Degradation Pathways in MLL-Rearranged Leukemia. Cell, 2017, 168, 59-72.e13.	28.9	99
17	Autophagy Controls the Kinetics and Extent of Mitochondrial Apoptosis by Regulating PUMA Levels. Cell Reports, 2014, 7, 45-52.	6.4	93
18	Cooperative activity of cdk8 and GCN5L within Mediator directs tandem phosphoacetylation of histone H3. EMBO Journal, 2008, 27, 1447-57.	7.8	86

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19	Down Syndrome and COVID-19: A Perfect Storm?. Cell Reports Medicine, 2020, 1, 100019.	6.5	86
20	Trisomy 21 dysregulates T cell lineages toward an autoimmunity-prone state associated with interferon hyperactivity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24231-24241.	7.1	82
21	Gene-specific repression of the p53 target gene PUMA via intragenic CTCFâ€"Cohesin binding. Genes and Development, 2010, 24, 1022-1034.	5.9	80
22	The TIP60 Complex Is a Conserved Coactivator of HIF1A. Cell Reports, 2016, 16, 37-47.	6.4	78
23	Mass Cytometry Reveals Global Immune Remodeling with Multi-lineage Hypersensitivity to Type I Interferon in Down Syndrome. Cell Reports, 2019, 29, 1893-1908.e4.	6.4	78
24	Therapeutic targeting of transcriptional cyclin-dependent kinases. Transcription, 2019, 10, 118-136.	3.1	78
25	Trisomy 21 activates the kynurenine pathway via increased dosage of interferon receptors. Nature Communications, 2019, 10, 4766.	12.8	73
26	CDK8 Kinase Activity Promotes Glycolysis. Cell Reports, 2017, 21, 1495-1506.	6.4	67
27	Exosomal biomarkers in Down syndrome and Alzheimer's disease. Free Radical Biology and Medicine, 2018, 114, 110-121.	2.9	64
28	ATM and MET kinases are synthetic lethal with nongenotoxic activation of p53. Nature Chemical Biology, 2012, 8, 646-654.	8.0	62
29	A Genetic Screen Identifies TCF3/E2A and TRIAP1 as Pathway-Specific Regulators of the Cellular Response to p53 Activation. Cell Reports, 2013, 3, 1346-1354.	6.4	61
30	The p53 circuit board. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1825, 229-244.	7.4	60
31	Multiple p53-independent gene silencing mechanisms define the cellular response to p53 activation. Cell Cycle, 2008, 7, 2427-2433.	2.6	59
32	Histone H2B ubiquitination: the cancer connection. Genes and Development, 2008, 22, 2743-2749.	5.9	57
33	Role of the host restriction factor APOBEC3 on papillomavirus evolution. Virus Evolution, 2015, 1, vev015.	4.9	57
34	A Kinase-Independent Role for Cyclin-Dependent Kinase 19 in p53 Response. Molecular and Cellular Biology, 2017, 37, .	2.3	57
35	Specialized interferon action in COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	56
36	A role for Chk1 in blocking transcriptional elongation of p21 RNA during the S-phase checkpoint. Genes and Development, 2009, 23, 1364-1377.	5.9	53

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37	Transcriptional Responses to IFN-Î³ Require Mediator Kinase-Dependent Pause Release and Mechanistically Distinct CDK8 and CDK19 Functions. Molecular Cell, 2019, 76, 485-499.e8.	9.7	52
38	Further understanding the connection between Alzheimer's disease and Down syndrome. Alzheimer's and Dementia, 2020, 16, 1065-1077.	0.8	52
39	Î"Np63Î± represses anti-proliferative genes via H2A.Z deposition. Genes and Development, 2012, 26, 2325-2336.	5.9	51
40	Trisomy 21 Represses Cilia Formation and Function. Developmental Cell, 2018, 46, 641-650.e6.	7.0	50
41	Revisiting lncRNAs: How Do You Know Yours Is Not an eRNA?. Molecular Cell, 2016, 62, 1-2.	9.7	47
42	The Six1 oncoprotein downregulates p53 via concomitant regulation of RPL26 and microRNA-27a-3p. Nature Communications, 2015, 6, 10077.	12.8	46
43	BH3 activation blocks Hdmx suppression of apoptosis and cooperates with Nutlin to induce cell death. Cell Cycle, 2008, 7, 1973-1982.	2.6	44
44	Multivalent Chromatin Engagement and Inter-domain Crosstalk Regulate MORC3 ATPase. Cell Reports, 2016, 16, 3195-3207.	6.4	40
45	Seroconversion stages COVID19 into distinct pathophysiological states. ELife, 2021, 10, .	6.0	40
46	The impact of post-transcriptional regulation in the p53 network. Briefings in Functional Genomics, 2013, 12, 46-57.	2.7	36
47	Janus kinase inhibition in Down syndrome: 2 cases of therapeutic benefit for alopecia areata. JAAD Case Reports, 2019, 5, 365-367.	0.8	33
48	Stimulus-Specific Transcriptional Regulation Within the p53 Network. Cell Cycle, 2007, 6, 2594-2598.	2.6	32
49	p53 Family Members Regulate Phenotypic Response to Aurora Kinase A Inhibition in Triple-Negative Breast Cancer. Molecular Cancer Therapeutics, 2015, 14, 1117-1129.	4.1	32
50	Î"Np63Î± Suppresses TGFB2 Expression and RHOA Activity to Drive Cell Proliferation in Squamous Cell Carcinomas. Cell Reports, 2018, 24, 3224-3236.	6.4	32
51	ATM regulates cell fate choice upon p53 activation by modulating mitochondrial turnover and ROS levels. Cell Cycle, 2015, 14, 56-63.	2.6	31
52	Multi-omics analysis reveals contextual tumor suppressive and oncogenic gene modules within the acute hypoxic response. Nature Communications, 2021, 12, 1375.	12.8	31
53	A DR4:tBID axis drives the p53 apoptotic response by promoting oligomerization of poised BAX. EMBO Journal, 2012, 31, 1266-1278.	7.8	29
54	SIX2 Mediates Late-Stage Metastasis via Direct Regulation of <i>SOX2</i> and Induction of a Cancer Stem Cell Program. Cancer Research, 2019, 79, 720-734.	0.9	29

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55	On the Origin of lncRNAs: Missing Link Found. Trends in Genetics, 2017, 33, 660-662.	6.7	24
56	Red blood cell metabolism in Down syndrome: hints on metabolic derangements in aging. Blood Advances, 2017, 1, 2776-2780.	5.2	24
57	The NSL Chromatin-Modifying Complex Subunit KANSL2 Regulates Cancer Stemâ€"like Properties in Glioblastoma That Contribute to Tumorigenesis. Cancer Research, 2016, 76, 5383-5394.	0.9	23
58	JAK1 Inhibition Blocks Lethal Immune Hypersensitivity in a Mouse Model of Down Syndrome. Cell Reports, 2020, 33, 108407.	6.4	23
59	Differential regulation of p53 target genes: it's (core promoter) elementary: Figure 1.. Genes and Development, 2010, 24, 111-114.	5.9	22
60	Lessons on transcriptional control from the serum response network. Current Opinion in Genetics and Development, 2011, 21, 160-166.	3.3	22
61	Adaptive changes in global gene expression profile of lung carcinoma A549 cells acutely exposed to distinct types of AhR ligands. Toxicology Letters, 2018, 292, 162-174.	0.8	22
62	Multi-Omic Approaches Identify Metabolic and Autophagy Regulators Important in Ovarian Cancer Dissemination. IScience, 2019, 19, 474-491.	4.1	21
63	Disparate chromatin landscapes and kinetics of inactivation impact differential regulation of p53 target genes. Cell Cycle, 2010, 9, 3428-3437.	2.6	18
64	Nutlin-Induced Apoptosis Is Specified by a Translation Program Regulated by PCBP2 and DHX30. Cell Reports, 2020, 30, 4355-4369.e6.	6.4	18
65	Î”Np63Î± utilizes multiple mechanisms to repress transcription in squamous cell carcinoma cells. Cell Cycle, 2013, 12, 409-416.	2.6	14
66	NPM and BRG1 Mediate Transcriptional Resistance to Retinoic Acid in Acute Promyelocytic Leukemia. Cell Reports, 2016, 14, 2938-2949.	6.4	13
67	Precocious clonal hematopoiesis in Down syndrome is accompanied by immune dysregulation. Blood Advances, 2021, 5, 1791-1796.	5.2	13
68	Get Back TFIIF, Don't Let Me Gdown1. Molecular Cell, 2012, 45, 3-5.	9.7	12
69	JAK inhibition for treatment of psoriatic arthritis in Down syndrome. Rheumatology, 2021, 60, e309-e311.	1.9	12
70	Sonic Hedgehog Pathway Modulation Normalizes Expression of Olig2 in Rostrally Patterned NPCs With Trisomy 21. Frontiers in Cellular Neuroscience, 2021, 15, 794675.	3.7	12
71	ERK phosphorylation of MED14 in promoter complexes during mitogen-induced gene activation by Elk-1. Nucleic Acids Research, 2013, 41, 10241-10253.	14.5	10
72	Transcriptional CDKs in the spotlight. Transcription, 2019, 10, 45-46.	3.1	10

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73	Human ACAP2 is a homolog of<i>C. elegans</i>CNT-1 that promotes apoptosis in cancer cells. Cell Cycle, 2015, 14, 1771-1778.	2.6	8
74	The Meaning of Pausing. Molecular Cell, 2010, 40, 507-508.	9.7	7
75	Zinc Finger Protein 521 Regulates Early Hematopoiesis through Cell-Extrinsic Mechanisms in the Bone Marrow Microenvironment. Molecular and Cellular Biology, 2018, 38, .	2.3	7
76	Trisomy 21 increases microtubules and disrupts centriolar satellite localization. Molecular Biology of the Cell, 2022, 33, mbcE21100517T.	2.1	4
77	Global Analyses to Identify Direct Transcriptional Targets of p53. Methods in Molecular Biology, 2021, 2267, 19-56.	0.9	3
78	A signature for success. ELife, 2015, 4, .	6.0	3
79	How does Î”Np63Î± drive cancer?. Epigenomics, 2013, 5, 5-7.	2.1	2
80	Tumoural soft tissue calcification in Down syndrome: association with heterozygous germline SAMD9 mutation and hyperactive type I interferon signaling. Rheumatology, 2020, 59, e102-e104.	1.9	2
81	Back to Bases: How a Nucleotide Biosynthetic Enzyme Controls p53 Activation. Molecular Cell, 2014, 53, 365-367.	9.7	1
82	Transcriptional control by enhancers: working remotely for improved performance. Transcription, 2020, 11, 1-2.	3.1	1