

Anna Esteve-Codina

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,751
citations

186265

28
h-index

197818

49
g-index

79
all docs

79
docs citations

79
times ranked

6419
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome fingerprint of the DNA methylome during human B cell differentiation. <i>Nature Genetics</i> , 2015, 47, 746-756.	21.4	278
2	Consistent inverse correlation between DNA methylation of the first intron and gene expression across tissues and species. <i>Epigenetics and Chromatin</i> , 2018, 11, 37.	3.9	277
3	A Natural History of FUT2 Polymorphism in Humans. <i>Molecular Biology and Evolution</i> , 2009, 26, 1993-2003.	8.9	209
4	Exploring the gonad transcriptome of two extreme male pigs with RNA-seq. <i>BMC Genomics</i> , 2011, 12, 552.	2.8	127
5	Liver transcriptome profile in pigs with extreme phenotypes of intramuscular fatty acid composition. <i>BMC Genomics</i> , 2012, 13, 547.	2.8	118
6	Whole-epigenome analysis in multiple myeloma reveals DNA hypermethylation of B cell-specific enhancers. <i>Genome Research</i> , 2015, 25, 478-487.	5.5	118
7	Tumor-associated macrophages (TAMs) depend on ZEB1 for their cancer-promoting roles. <i>EMBO Journal</i> , 2017, 36, 3336-3355.	7.8	112
8	A Comparison of RNA-Seq Results from Paired Formalin-Fixed Paraffin-Embedded and Fresh-Frozen Glioblastoma Tissue Samples. <i>PLoS ONE</i> , 2017, 12, e0170632.	2.5	100
9	PD-1 signaling affects cristae morphology and leads to mitochondrial dysfunction in human CD8+ T lymphocytes. , 2019, 7, 151.		83
10	<i>MET</i> -Oncogenic and <i>JAK2</i> -Inactivating Alterations Are Independent Factors That Affect Regulation of PD-L1 Expression in Lung Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 4579-4587.	7.0	71
11	Genetic Abnormalities in Large to Giant Congenital Nevi: Beyond NRAS Mutations. <i>Journal of Investigative Dermatology</i> , 2019, 139, 900-908.	0.7	67
12	SNP calling by sequencing pooled samples. <i>BMC Bioinformatics</i> , 2012, 13, 239.	2.6	63
13	Impact of DNA methylation on 3D genome structure. <i>Nature Communications</i> , 2021, 12, 3243.	12.8	61
14	Porcine colonization of the Americas: a 60k SNP story. <i>Heredity</i> , 2013, 110, 321-330.	2.6	58
15	Unravelling the mechanisms of PFOS toxicity by combining morphological and transcriptomic analyses in zebrafish embryos. <i>Science of the Total Environment</i> , 2019, 674, 462-471.	8.0	51
16	Analysis of <i>Vibrio harveyi</i> adaptation in sea water microcosms at elevated temperature provides insights into the putative mechanisms of its persistence and spread in the time of global warming. <i>Scientific Reports</i> , 2019, 9, 289.	3.3	47
17	Histone H1 depletion triggers an interferon response in cancer cells via activation of heterochromatic repeats. <i>Nucleic Acids Research</i> , 2017, 45, 11622-11642.	14.5	46
18	Dissecting structural and nucleotide genome-wide variation in inbred Iberian pigs. <i>BMC Genomics</i> , 2013, 14, 148.	2.8	45

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19	From SNP co-association to RNA co-expression: Novel insights into gene networks for intramuscular fatty acid composition in porcine. <i>BMC Genomics</i> , 2014, 15, 232.	2.8	44
20	Functional and molecular heterogeneity of D2R neurons along dorsal ventral axis in the striatum. <i>Nature Communications</i> , 2020, 11, 1957.	12.8	41
21	Epigenetic regulation of gene expression in Chinese Hamster Ovary cells in response to the changing environment of a batch culture. <i>Biotechnology and Bioengineering</i> , 2019, 116, 677-692.	3.3	37
22	Blood eosinophil count and airway epithelial transcriptome relationships in COPD versus asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 370-380.	5.7	37
23	Intergenerational transmission of the positive effects of physical exercise on brain and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10103-10112.	7.1	36
24	Genome-wide profiling of non-smoking-related lung cancer cells reveals common RB1 rearrangements associated with histopathologic transformation in EGFR-mutant tumors. <i>Annals of Oncology</i> , 2020, 31, 274-282.	1.2	36
25	â€œGenderPlexâ€ a PCR multiplex for reliable gender determination of degraded human DNA samples and complex gender constellations. <i>International Journal of Legal Medicine</i> , 2009, 123, 459-464.	2.2	35
26	European sea bass brain DLB-1â€ cell line is susceptible to nodavirus: A transcriptomic study. <i>Fish and Shellfish Immunology</i> , 2019, 86, 14-24.	3.6	35
27	Hypoxia-mediated translational activation of ITGB3 in breast cancer cells enhances TGF- β^2 signaling and malignant features <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2017, 8, 114856-114876.	1.8	35
28	Innate Cell-Mediated Cytotoxic Activity of European Sea Bass Leucocytes Against Nodavirus-Infected Cells: A Functional and RNA-seq Study. <i>Scientific Reports</i> , 2017, 7, 15396.	3.3	33
29	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , 2018, 243, 988-997.	7.5	30
30	Transcriptomic effects of tributyltin (TBT) in zebrafish eleutheroembryos. A functional benchmark dose analysis. <i>Journal of Hazardous Materials</i> , 2020, 398, 122881.	12.4	30
31	Sequence variation between 462 human individuals fine-tunes functional sites of RNA processing. <i>Scientific Reports</i> , 2016, 6, 32406.	3.3	28
32	Wolf-Hirschhorn Syndrome Candidate 1 Is Necessary for Correct Hematopoietic and B Cell Development. <i>Cell Reports</i> , 2017, 19, 1586-1601.	6.4	28
33	Integrated single-base resolution maps of transcriptome, sRNAome and methylome of Tomato yellow leaf curl virus (TYLCV) in tomato. <i>Scientific Reports</i> , 2019, 9, 2863.	3.3	26
34	SP140 regulates the expression of immune-related genes associated with multiple sclerosis and other autoimmune diseases by NF- κ B inhibition. <i>Human Molecular Genetics</i> , 2018, 27, 4012-4023.	2.9	25
35	Transcriptional mechanisms underlying lifeâ€history responses to climate change in the threeâ€spined stickleback. <i>Evolutionary Applications</i> , 2017, 10, 718-730.	3.1	24
36	Genomic and Molecular Screenings Identify Different Mechanisms for Acquired Resistance to MET Inhibitors in Lung Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1366-1376.	4.1	23

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37	Systems analysis reveals complex biological processes during virus infection fate decisions. <i>Genome Research</i> , 2019, 29, 907-919.	5.5	21
38	A FBN1 3'UTR mutation variant is associated with endoplasmic reticulum stress in aortic aneurysm in Marfan syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 107-114.	3.8	18
39	Partial short-read sequencing of a highly inbred Iberian pig and genomics inference thereof. <i>Heredity</i> , 2011, 107, 256-264.	2.6	16
40	CRISPR editing of <i>sftb-1/SF3B1</i> in <i>Caenorhabditis elegans</i> allows the identification of synthetic interactions with cancer-related mutations and the chemical inhibition of splicing. <i>PLoS Genetics</i> , 2019, 15, e1008464.	3.5	16
41	Transcriptional alterations in skin fibroblasts from Parkinson's disease patients with parkin mutations. <i>Neurobiology of Aging</i> , 2018, 65, 206-216.	3.1	13
42	The Genome Sequence of the Eastern Woodchuck (<i>Marmota monax</i>) – A Preclinical Animal Model for Chronic Hepatitis B. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3943-3952.	1.8	13
43	NADPH oxidase 4 (Nox4) deletion accelerates liver regeneration in mice. <i>Redox Biology</i> , 2021, 40, 101841.	9.0	13
44	Differential expression of long non-coding RNAs are related to proliferation and histological diversity in follicular lymphomas. <i>British Journal of Haematology</i> , 2019, 184, 373-383.	2.5	12
45	Glioblastoma TCGA Mesenchymal and IGS 23 Tumors are Identifiable by IHC and have an Immune-phenotype Indicating a Potential Benefit from Immunotherapy. <i>Clinical Cancer Research</i> , 2020, 26, 6600-6609.	7.0	10
46	Nucleotide variability of the porcine <i>SERPINA6</i> gene and the origin of a putative causal mutation associated with meat quality. <i>Animal Genetics</i> , 2011, 42, 235-241.	1.7	9
47	RNA-Seq Data Analysis, Applications and Challenges. <i>Comprehensive Analytical Chemistry</i> , 2018, 82, 71-106.	1.3	9
48	<i>Prunus persica</i> plant endogenous peptides PpPep1 and PpPep2 cause PTI-like transcriptome reprogramming in peach and enhance resistance to <i>Xanthomonas arboricola</i> pv. <i>pruni</i> . <i>BMC Genomics</i> , 2021, 22, 360.	2.8	8
49	Deep analysis of acquired resistance to FGFR1 inhibitor identifies MET and AKT activation and an expansion of AKT1 mutant cells. <i>Oncotarget</i> , 2018, 9, 31549-31558.	1.8	8
50	Linking Cell Dynamics With Gene Coexpression Networks to Characterize Key Events in Chronic Virus Infections. <i>Frontiers in Immunology</i> , 2019, 10, 1002.	4.8	7
51	E3 ubiquitin ligase Atrogin-1 mediates adaptive resistance to KIT-targeted inhibition in gastrointestinal stromal tumor. <i>Oncogene</i> , 2021, 40, 6614-6626.	5.9	7
52	Dual Role of Integrin Alpha-6 in Glioblastoma: Supporting Stemness in Proneural Stem-Like Cells While Inducing Radioresistance in Mesenchymal Stem-Like Cells. <i>Cancers</i> , 2021, 13, 3055.	3.7	6
53	De Novo Assembly and Annotation of the Larval Transcriptome of Two Spadefoot Toads Widely Divergent in Developmental Rate. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2647-2655.	1.8	5
54	Linking omics and ecology to dissect interactions between the apple proliferation phytoplasma and its psyllid vector <i>Cacopsylla melanoneura</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 127, 103474.	2.7	5

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55	Identification of tipifarnib sensitivity biomarkers in T-cell acute lymphoblastic leukemia and T-cell lymphoma. <i>Scientific Reports</i> , 2020, 10, 6721.	3.3	5
56	RNA sequencing and Immunohistochemistry Reveal ZFN7 as a Stronger Marker of Survival than Molecular Subtypes in G-CIMP ⁺ negative Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 645-655.	7.0	5
57	PLC β 1/PKC δ Downstream Signaling Controls Cutaneous T-Cell Lymphoma Development and Progression. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1391-1400.e15.	0.7	5
58	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. <i>Communications Biology</i> , 2021, 4, 1192.	4.4	5
59	Epigenetic landscape in the kick-and-kill therapeutic vaccine BCN02 clinical trial is associated with antiretroviral treatment interruption (ATI) outcome. <i>EBioMedicine</i> , 2022, 78, 103956.	6.1	5
60	Glioblastoma gene expression subtypes and correlation with clinical, molecular and immunohistochemical characteristics in a homogeneously treated cohort: GLIOCAT project.. <i>Journal of Clinical Oncology</i> , 2019, 37, 2029-2029.	1.6	4
61	Relationship between blood eosinophil count and bronchial epithelial gene expression in COPD versus Asthma. , 2018, , .		1
62	Transcriptome analysis in LRRK2 and idiopathic Parkinson's disease at different glucose levels. <i>Npj Parkinson's Disease</i> , 2021, 7, 109.	5.3	1
63	HMTI-0197. Whole blood transcriptome analysis in migraine with aura patients: a case control study. <i>Journal of Headache and Pain</i> , 2014, 15, .	6.0	0
64	Epigenome characterization of CHO cells in response to evolutionary pressures and over time. <i>New Biotechnology</i> , 2016, 33, S4-S5.	4.4	0
65	Genetically defined variants of toll-like receptors 3, 7 and 9 as phenotype and risk modifier factors for psoriasis. <i>Journal of Dermatological Science</i> , 2018, 89, 301-304.	1.9	0
66	P1.03-26 Genetic and Molecular Profiling of Non-Smoking Related Lung Adenocarcinomas. <i>Journal of Thoracic Oncology</i> , 2019, 14, S428.	1.1	0
67	Differential bronchial epithelial gene expression in COPD versus controls. , 2016, , .		0
68	Prevotella genera abundance in bronchial brush samples differentiates COPD from health and is associated with gene expression. , 2019, , .		0
69	Title is missing!. , 2019, 15, e1008464.		0
70	Title is missing!. , 2019, 15, e1008464.		0
71	Title is missing!. , 2019, 15, e1008464.		0
72	Title is missing!. , 2019, 15, e1008464.		0