

Lauro Sumoy

List of Publications by Year in descending order

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65
papers

4,715
citations

159585

30
h-index

114465

63
g-index

68
all docs

68
docs citations

68
times ranked

10565
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020, 383, 1522-1534.	27.0	1,548
2	A β -catenin/XTcf-3 complex binds to the <i>Xenopus</i> promoter to regulate dorsal axis specification. <i>Genes and Development</i> , 1997, 11, 2359-2370.	5.9	494
3	The MAPK Hog1 recruits Rpd3 histone deacetylase to activate osmoresponsive genes. <i>Nature</i> , 2004, 427, 370-374.	27.8	295
4	A myriad of miRNA variants in control and Huntington's disease brain regions detected by massively parallel sequencing. <i>Nucleic Acids Research</i> , 2010, 38, 7219-7235.	14.5	270
5	Local Tissue Interactions across the Dorsal Midline of the Forebrain Establish CNS Laterality. <i>Neuron</i> , 2003, 39, 423-438.	8.1	175
6	Hnf1 β (MODY3) Controls Tissue-Specific Transcriptional Programs and Exerts Opposed Effects on Cell Growth in Pancreatic Islets and Liver. <i>Molecular and Cellular Biology</i> , 2009, 29, 2945-2959.	2.3	122
7	Expression of the chicken homeobox-containing gene GHox-8 during embryonic chick limb development. <i>Mechanisms of Development</i> , 1991, 34, 143-154.	1.7	104
8	Curcumin mediates oxaliplatin-acquired resistance reversion in colorectal cancer cell lines through modulation of CXCR4-Chemokine/NF- κ B signalling pathway. <i>Scientific Reports</i> , 2016, 6, 24675.	3.3	103
9	A role for notochord in axial vascular development revealed by analysis of phenotype and the expression of VEGFR-2 in zebrafish <i>flh</i> and <i>ntl</i> mutant embryos. <i>Mechanisms of Development</i> , 1997, 63, 15-27.	1.7	93
10	The expression pattern of the Distal-less homeobox-containing gene Dlx-5 in the developing chick limb bud suggests its involvement in apical ectodermal ridge activity, pattern formation, and cartilage differentiation. <i>Mechanisms of Development</i> , 1995, 52, 257-264.	1.7	92
11	MacroH2A1 Regulates the Balance between Self-Renewal and Differentiation Commitment in Embryonic and Adult Stem Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 1442-1452.	2.3	86
12	Epigenetic footprint enables molecular risk stratification of hepatoblastoma with clinical implications. <i>Journal of Hepatology</i> , 2020, 73, 328-341.	3.7	82
13	LRRN6A/LERN1 (leucine-rich repeat neuronal protein 1), a novel gene with enriched expression in limbic system and neocortex. <i>European Journal of Neuroscience</i> , 2003, 18, 3167-3182.	2.6	76
14	Genome-wide differences between microsatellite stable and unstable colorectal tumors. <i>Carcinogenesis</i> , 2006, 27, 419-428.	2.8	66
15	Regulation of GABAA and Glutamate Receptor Expression, Synaptic Facilitation and Long-Term Potentiation in the Hippocampus of Prion Mutant Mice. <i>PLoS ONE</i> , 2009, 4, e7592.	2.5	60
16	Additional Complexity on Human Chromosome 15q: Identification of a Set of Newly Recognized Duplicons (LCR15) on 15q11-q13, 15q24, and 15q26. <i>Genome Research</i> , 2001, 11, 98-111.	5.5	60
17	Human vitamin K-dependent GAS6: Gene structure, allelic variation, and association with stroke. <i>Human Mutation</i> , 2004, 23, 506-512.	2.5	54
18	GHox-7: A chicken homeobox-containing gene expressed in a fashion consistent with a role in patterning events during embryonic chick limb development. <i>Differentiation</i> , 1992, 49, 85-92.	1.9	46

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19	A comprehensive custom panel design for routine hereditary cancer testing: preserving control, improving diagnostics and revealing a complex variation landscape. <i>Scientific Reports</i> , 2017, 7, 39348.	3.3	45
20	Developmental analysis of Lingo1/Lern1 protein expression in the mouse brain: Interaction of its intracellular domain with Myt1L. <i>Developmental Neurobiology</i> , 2008, 68, 521-541.	3.0	44
21	Identification of a Spatially Specific Enhancer Element in the Chicken Msx-2 Gene That Regulates Its Expression in the Apical Ectodermal Ridge of the Developing Limb Buds of Transgenic Mice. <i>Developmental Biology</i> , 1995, 170, 230-242.	2.0	42
22	Transcriptional regulation by Poly(ADP-ribose) polymerase-1 during T cell activation. <i>BMC Genomics</i> , 2008, 9, 171.	2.8	42
23	Cyclic AMP signaling restricts activation and promotes maturation and antioxidant defenses in astrocytes. <i>BMC Genomics</i> , 2016, 17, 304.	2.8	42
24	Role of <i>Saccharomyces cerevisiae</i> Oxidoreductases Bdh1p and Ara1p in the Metabolism of Acetoin and 2,3-Butanediol. <i>Applied and Environmental Microbiology</i> , 2010, 76, 670-679.	3.1	38
25	HMG20A and HMG20B map to human chromosomes 15q24 and 19p13.3 and constitute a distinct class of HMG-box genes with ubiquitous expression. <i>Cytogenetic and Genome Research</i> , 2000, 88, 62-67.	1.1	36
26	CD40: an upstream master switch for endothelial cell activation uncovered by RNAi-coupled transcriptional profiling. <i>Blood</i> , 2008, 112, 3624-3637.	1.4	36
27	Expression of CD11c Is Associated with Unconventional Activated T Cell Subsets with High Migratory Potential. <i>PLoS ONE</i> , 2016, 11, e0154253.	2.5	36
28	Conservation of intracellular Wnt signaling components in dorsal-ventral axis formation in zebrafish. <i>Development Genes and Evolution</i> , 1999, 209, 48-58.	0.9	34
29	Gene expression profiling distinguishes JAK2V617F-negative from JAK2V617F-positive patients in essential thrombocythemia. <i>Leukemia</i> , 2008, 22, 1368-1376.	7.2	34
30	Microarray and deep sequencing cross-platform analysis of the mirNome and isomiR variation in response to epidermal growth factor. <i>BMC Genomics</i> , 2013, 14, 371.	2.8	33
31	GCAT Genomes for life: a prospective cohort study of the genomes of Catalonia. <i>BMJ Open</i> , 2018, 8, e018324.	1.9	31
32	MicroRNA 22 Regulates Cell Cycle Length in Cerebellar Granular Neuron Precursors. <i>Molecular and Cellular Biology</i> , 2013, 33, 2706-2717.	2.3	29
33	Developmental Expression of the Oligodendrocyte Myelin Glycoprotein in the Mouse Telencephalon. <i>Cerebral Cortex</i> , 2010, 20, 1769-1779.	2.9	28
34	Multitrait genome association analysis identifies new susceptibility genes for human anthropometric variation in the GCAT cohort. <i>Journal of Medical Genetics</i> , 2018, 55, 765-778.	3.2	28
35	PACSIN 3 is a novel SH3 domain cytoplasmic adapter protein of the pacsin-syndapin-FAP52 gene family. <i>Gene</i> , 2001, 262, 199-205.	2.2	25
36	Hypothalamus transcriptome profile suggests an anorexia-cachexia syndrome in the anx/anx mouse model. <i>Physiological Genomics</i> , 2008, 35, 341-350.	2.3	22

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37	Partially Degraded RNA from Bladder Washing is a Suitable Sample for Studying Gene Expression Profiles in Bladder Cancer. <i>European Urology</i> , 2006, 50, 1347-1356.	1.9	19
38	Multiple platform assessment of the EGF dependent transcriptome by microarray and deep tag sequencing analysis. <i>BMC Genomics</i> , 2011, 12, 326.	2.8	19
39	Cloning, expression, and mapping of PDCD9, the human homolog of <i>Gallus gallus</i> pro-apoptotic protein p52. <i>Cytogenetic and Genome Research</i> , 1999, 87, 85-88.	1.1	18
40	Genomic imbalances in Schistosoma-associated and non-Schistosoma-associated bladder carcinoma. An array comparative genomic hybridization analysis. <i>Cancer Genetics and Cytogenetics</i> , 2007, 177, 16-19.	1.0	18
41	Cell cycle control pathways act as conditioning factors for TK/GCV sensitivity in pancreatic cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 1175-1185.	4.1	18
42	Identification and characterization of BTBD1, a novel BTB domain containing gene on human chromosome 15q24. <i>Gene</i> , 2001, 262, 275-281.	2.2	15
43	Identification and characterization of UBXD1, a novel UBX domain-containing gene on human chromosome 19p13, and its mouse ortholog. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1517, 298-301.	2.4	14
44	Loss of HDAC11 accelerates skeletal muscle regeneration in mice. <i>FEBS Journal</i> , 2021, 288, 1201-1223.	4.7	14
45	Aberrant brain microRNA target and miRISC gene expression in the anx/anx anorexia mouse model. <i>Gene</i> , 2012, 497, 181-190.	2.2	12
46	Draft Genome Sequences of Mycobacterium setense Type Strain DSM-45070 and the Nonpathogenic Strain Manresensis, Isolated from the Bank of the Cardener River in Manresa, Catalonia, Spain. <i>Genome Announcements</i> , 2015, 3, .	0.8	11
47	PALML, a novel palemmin-related gene mapping on human chromosome 1p21. <i>Gene</i> , 2001, 278, 33-40.	2.2	10
48	ATBO/SLC1A5 gene. Fine localisation and exclusion of association with the intestinal phenotype of cystic fibrosis. <i>European Journal of Human Genetics</i> , 2001, 9, 860-866.	2.8	10
49	Genomic profiling in advanced stage non-small-cell lung cancer patients with platinum-based chemotherapy identifies germline variants with prognostic value in SMYD2. <i>Cancer Treatment and Research Communications</i> , 2018, 15, 21-31.	1.7	9
50	Identification and Expression Analysis of C3orf1, a Novel Human Gene Homologous to the Drosophila RP140 Upstream Gene. <i>DNA Sequence</i> , 2000, 11, 335-338.	0.7	8
51	Characterization of human FSD1, a novel brain specific gene on chromosome 19 with paralogy to 9q31. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1518, 200-203.	2.4	8
52	Large-scale screening of circulating microRNAs in individuals with HIV-1 mono-infections reveals specific liver damage signatures. <i>Antiviral Research</i> , 2018, 155, 106-114.	4.1	8
53	The yeast crystallin/NADPH:quinone oxidoreductase (Zta1p) is under nutritional control by the target of rapamycin pathway and is involved in the regulation of argininosuccinate lyase mRNA half-life. <i>FEBS Journal</i> , 2015, 282, 1953-1964.	4.7	6
54	GCAT Panel, a comprehensive structural variant haplotype map of the Iberian population from high-coverage whole-genome sequencing. <i>Nucleic Acids Research</i> , 2022, 50, 2464-2479.	14.5	6

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55	Msx2 Expression in the Apical Ectoderm Ridge Is Regulated by an Msx2 and Dlx5 Binding Site. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 955-961.	2.1	5
56	Gene expression changes in blood RNA after swimming in a chlorinated pool. <i>Journal of Environmental Sciences</i> , 2017, 58, 250-261.	6.1	5
57	PSA Kinetics as Prognostic Markers of Overall Survival in Patients with Metastatic Castration-Resistant Prostate Cancer Treated with Abiraterone Acetate. <i>Cancer Management and Research</i> , 2020, Volume 12, 10251-10260.	1.9	5
58	Paired-end small RNA sequencing reveals a possible overestimation in the isomiR sequence repertoire previously reported from conventional single read data analysis. <i>BMC Bioinformatics</i> , 2021, 22, 215.	2.6	5
59	Characterization of Acute HCV Infection and Transmission Networks in People Who Currently Inject Drugs in Catalonia: Usefulness of Dried Blood Spots. <i>Hepatology</i> , 2021, 74, 591-606.	7.3	5
60	A likelihood ratio approach for identifying three-quarter siblings in genetic databases. <i>Heredity</i> , 2021, 126, 537-547.	2.6	5
61	Adhesion Molecules Associated with Female Genital Tract Infection. <i>PLoS ONE</i> , 2016, 11, e0156605.	2.5	4
62	Cloning, Mapping and Expression Analysis of C15orf4, a Novel Human Gene with Homology to the Yeast Mitochondrial Ribosomal Protein Yml30 Gene. <i>DNA Sequence</i> , 2001, 12, 91-96.	0.7	2
63	Identification of C15orf5, a Heart-Enriched Transcript on Chromosome 15q23-q24. <i>DNA Sequence</i> , 2001, 12, 67-69.	0.7	1
64	P6: Detection of pathologic and polymorphic cryptic chromosomal imbalances by array-CGH using aBAC-array targeting regions between segmental duplications. <i>European Journal of Medical Genetics</i> , 2005, 48, 451-452.	1.3	0
65	Gene Expression Profiling Distinguishes Essential Thrombocythemia from Polycythemia Vera Patients and Identifies a Common Expressed Set of Genes in Relation to JAK2V617F Status. <i>Blood</i> , 2008, 112, 2788-2788.	1.4	0