

Francesc LÃ³pez-GirÃ¡ldez

List of Publications by Year in descending order

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66
papers

4,871
citations

172207

29
h-index

106150

65
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68
all docs

68
docs citations

68
times ranked

9916
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage IL-1 β promotes arteriogenesis by autocrine STAT3- and NF- κ B-mediated transcription of pro-angiogenic VEGF-A. <i>Cell Reports</i> , 2022, 38, 110309.	2.9	33
2	The role of SPAG1 in the assembly of axonemal dyneins in human airway epithelia. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	5
3	ArhGEF12 activates Rap1A and not RhoA in human dermal microvascular endothelial cells to reduce tumor necrosis factor-induced leak. <i>FASEB Journal</i> , 2022, 36, e22254.	0.2	3
4	Whole-exome sequencing reveals damaging gene variants associated with hypoalphalipoproteinemia. <i>Journal of Lipid Research</i> , 2022, 63, 100209.	2.0	2
5	Whole-Exome Sequencing of Germline Variants in Non-BRCA Families with Hereditary Breast Cancer. <i>Biomedicines</i> , 2022, 10, 1004.	1.4	1
6	Secondary Metabolism Gene Clusters Exhibit Increasingly Dynamic and Differential Expression during Asexual Growth, Conidiation, and Sexual Development in <i>Neurospora crassa</i> . <i>MSystems</i> , 2022, 7, .	1.7	2
7	Alternative genomic diagnoses for individuals with a clinical diagnosis of Dubowitz syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 119-133.	0.7	17
8	Insulin-stimulated endoproteolytic TUG cleavage links energy expenditure with glucose uptake. <i>Nature Metabolism</i> , 2021, 3, 378-393.	5.1	13
9	Genetic Defects in DNAH2 Underlie Male Infertility With Multiple Morphological Abnormalities of the Sperm Flagella in Humans and Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 662903.	1.8	22
10	Tumor necrosis factor-induced ArhGEF10 selectively activates RhoB contributing to human microvascular endothelial cell tight junction disruption. <i>FASEB Journal</i> , 2021, 35, e21627.	0.2	10
11	<i>DIAPH1</i> Variants in Non-East Asian Patients With Sporadic Moyamoya Disease. <i>JAMA Neurology</i> , 2021, 78, 993.	4.5	33
12	Comparative Genomics within and across Bilaterians Illuminates the Evolutionary History of ALK and LTK Proto-Oncogene Origination and Diversification. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	6
13	CCM3 Loss-Induced Lymphatic Defect Is Mediated by the Augmented VEGFR3-ERK1/2 Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2943-2960.	1.1	9
14	Mutations disrupting neuritogenesis genes confer risk for cerebral palsy. <i>Nature Genetics</i> , 2020, 52, 1046-1056.	9.4	96
15	Exome Sequencing Implicates Impaired GABA Signaling and Neuronal Ion Transport in Trigeminal Neuralgia. <i>iScience</i> , 2020, 23, 101552.	1.9	32
16	Congenital Heart Defects Due to <i>TAF1</i> Missense Variants. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002843.	1.6	8
17	Tumor progression and chromatin landscape of lung cancer are regulated by the lineage factor GATA6. <i>Oncogene</i> , 2020, 39, 3726-3737.	2.6	9
18	Differential functional roles of fibroblasts and pericytes in the formation of tissue-engineered microvascular networks in vitro. <i>Npj Regenerative Medicine</i> , 2020, 5, 1.	2.5	48

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19	Dermal Adipocyte Lipolysis and Myofibroblast Conversion Are Required for Efficient Skin Repair. <i>Cell Stem Cell</i> , 2020, 26, 880-895.e6.	5.2	154
20	Genomic and Immune Profiling of a Patient With Triple-Negative Breast Cancer That Progressed During Neoadjuvant Chemotherapy Plus PD-L1 Blockade. <i>JCO Precision Oncology</i> , 2019, 3, 1-6.	1.5	3
21	The Ulp2 <scp>SUMO</scp> protease promotes transcription elongation through regulation of histone sumoylation. <i>EMBO Journal</i> , 2019, 38, e102003.	3.5	28
22	Adult bone marrow progenitors become decidual cells and contribute to embryo implantation and pregnancy. <i>PLoS Biology</i> , 2019, 17, e3000421.	2.6	47
23	A multigene phylogeny toward a new phylogenetic classification of Leotiomycetes. <i>IMA Fungus</i> , 2019, 10, 1.	1.7	140
24	Implication of DNA repair genes in Lynch-like syndrome. <i>Familial Cancer</i> , 2019, 18, 331-342.	0.9	25
25	Metabolism and Development during Conidial Germination in Response to a Carbon-Nitrogen-Rich Synthetic or a Natural Source of Nutrition in <i>Neurospora crassa</i>. <i>MBio</i> , 2019, 10, .	1.8	21
26	Integrative Activity of Mating Loci, Environmentally Responsive Genes, and Secondary Metabolism Pathways during Sexual Development of <i>Chaetomium globosum</i> . <i>MBio</i> , 2019, 10, .	1.8	7
27	PD-1H (VISTA)�mediated suppression of autoimmunity in systemic and cutaneous lupus erythematosus. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	90
28	Mutations in Chromatin Modifier and Ephrin Signaling Genes in Vein of Galen Malformation. <i>Neuron</i> , 2019, 101, 429-443.e4.	3.8	56
29	Progenitor-derived human endothelial cells evade alloimmunity by CRISPR/Cas9-mediated complete ablation of MHC expression. <i>JCI Insight</i> , 2019, 4, .	2.3	17
30	Interferon- converts human microvascular pericytes into negative regulators of alloimmunity through induction of indoleamine 2,3-dioxygenase 1. <i>JCI Insight</i> , 2018, 3, .	2.3	16
31	Distinct adaptive mechanisms drive recovery from aneuploidy caused by loss of the Ulp2 SUMO protease. <i>Nature Communications</i> , 2018, 9, 5417.	5.8	21
32	Myofibroblast proliferation and heterogeneity are supported by macrophages during skin repair. <i>Science</i> , 2018, 362, .	6.0	318
33	De Novo Mutation in Genes Regulating Neural Stem Cell Fate in Human Congenital Hydrocephalus. <i>Neuron</i> , 2018, 99, 302-314.e4.	3.8	112
34	In utero nanoparticle delivery for site-specific genome editing. <i>Nature Communications</i> , 2018, 9, 2481.	5.8	124
35	Targeted protein unfolding uncovers a Golgi-specific transcriptional stress response. <i>Molecular Biology of the Cell</i> , 2018, 29, 1284-1298.	0.9	30
36	Identification of Intrinsic Axon Growth Modulators for Intact CNS Neurons after Injury. <i>Cell Reports</i> , 2017, 18, 2687-2701.	2.9	73

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37	The Epstein-Barr Virus Immune-evasins BCRF1 and BPLF1 Are Expressed by a Mechanism Independent of the Canonical Late Pre-initiation Complex. <i>PLoS Pathogens</i> , 2016, 12, e1006008.	2.1	29
38	In vivo correction of anaemia in β^0 -thalassemic mice by β^0 PNA-mediated gene editing with nanoparticle delivery. <i>Nature Communications</i> , 2016, 7, 13304.	5.8	143
39	Identification and functional characterization of natural human melanocortin 1 receptor mutant alleles in Pakistani population. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 730-735.	1.5	4
40	De novo mutations in congenital heart disease with neurodevelopmental and other congenital anomalies. <i>Science</i> , 2015, 350, 1262-1266.	6.0	646
41	E2F8 as a Novel Therapeutic Target for Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	80
42	The Genetic Basis of Mendelian Phenotypes: Discoveries, Challenges, and Opportunities. <i>American Journal of Human Genetics</i> , 2015, 97, 199-215.	2.6	574
43	Gene Expression Differences among Three <i>Neurospora</i> Species Reveal Genes Required for Sexual Reproduction in <i>Neurospora crassa</i> . <i>PLoS ONE</i> , 2014, 9, e110398.	1.1	39
44	A Locus Encompassing the Epstein-Barr Virus <i>bgf4</i> Kinase Regulates Expression of Genes Encoding Viral Structural Proteins. <i>PLoS Pathogens</i> , 2014, 10, e1004307.	2.1	32
45	Global Gene Expression and Focused Knockout Analysis Reveals Genes Associated with Fungal Fruiting Body Development in <i>Neurospora crassa</i> . <i>Eukaryotic Cell</i> , 2014, 13, 154-169.	3.4	66
46	Phylogenetic and phylogenomic overview of the Polyporales. <i>Mycologia</i> , 2013, 105, 1350-1373.	0.8	259
47	Evaluating Phylogenetic Informativeness as a Predictor of Phylogenetic Signal for Metazoan, Fungal, and Mammalian Phylogenomic Data Sets. <i>BioMed Research International</i> , 2013, 2013, 1-14.	0.9	17
48	Molecular chaperone Hsp110 rescues a vesicle transport defect produced by an ALS-associated mutant SOD1 protein in squid axoplasm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5428-5433.	3.3	49
49	Sex-specific gene expression during asexual development of <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 533-543.	0.9	31
50	Transcriptome analyses during fruiting body formation in <i>Fusarium graminearum</i> and <i>Fusarium verticillioides</i> reflect species life history and ecology. <i>Fungal Genetics and Biology</i> , 2012, 49, 663-673.	0.9	78
51	RBE controls microRNA164 expression to effect floral organogenesis. <i>Development (Cambridge)</i> , 2012, 139, 2161-2169.	1.2	69
52	Tasting Soil Fungal Diversity with Earth Tongues: Phylogenetic Test of SATÃ© Alignments for Environmental ITS Data. <i>PLoS ONE</i> , 2011, 6, e19039.	1.1	32
53	PhyDesign: an online application for profiling phylogenetic informativeness. <i>BMC Evolutionary Biology</i> , 2011, 11, 152.	3.2	174
54	Assessing the Role of Tandem Repeats in Shaping the Genomic Architecture of Great Apes. <i>PLoS ONE</i> , 2011, 6, e27239.	1.1	35

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55	Multi-targeted priming for genome-wide gene expression assays. <i>BMC Genomics</i> , 2010, 11, 477.	1.2	14
56	LOX: inferring Level Of eXpression from diverse methods of census sequencing. <i>Bioinformatics</i> , 2010, 26, 1918-1919.	1.8	30
57	Optimal Selection of Gene and Ingroup Taxon Sampling for Resolving Phylogenetic Relationships. <i>Systematic Biology</i> , 2010, 59, 446-457.	2.7	70
58	Measuring Transcription Factor Binding Site Turnover: A Maximum Likelihood Approach Using Phylogenies. <i>Genome Biology and Evolution</i> , 2009, 1, 85-98.	1.1	17
59	The Ascomycota Tree of Life: A Phylum-wide Phylogeny Clarifies the Origin and Evolution of Fundamental Reproductive and Ecological Traits. <i>Systematic Biology</i> , 2009, 58, 224-239.	2.7	581
60	The Phylogenetic Informativeness of Nucleotide and Amino Acid Sequences for Reconstructing the Vertebrate Tree. <i>Journal of Molecular Evolution</i> , 2008, 67, 437-447.	0.8	61
61	RPS4Y gene family evolution in primates. <i>BMC Evolutionary Biology</i> , 2008, 8, 142.	3.2	33
62	High Incidence of Nonslippage Mechanisms Generating Variability and Complexity in Eurasian Badger Microsatellites. <i>Journal of Heredity</i> , 2007, 98, 620-628.	1.0	7
63	Badger hair in shaving brushes comes from protected Eurasian badgers. <i>Biological Conservation</i> , 2006, 128, 425-430.	1.9	20
64	Analyses of carnivore microsatellites and their intimate association with tRNA-derived SINEs. <i>BMC Genomics</i> , 2006, 7, 269.	1.2	16
65	Genetic distinction of American and European mink (<i>Mustela vison</i> and <i>M. lutreola</i>) and European polecat (<i>M. putorius</i>) hair samples by detection of a species-specific SINE and a RFLP assay. <i>Journal of Zoology</i> , 2005, 265, 405-410.	0.8	18
66	Phylogenetic inference and comparative evolution of a complex microsatellite and its flanking regions in carnivores. <i>Genetical Research</i> , 2005, 85, 223-233.	0.3	14