Francisco HernÃ¡ndez Torres

List of Publications by Year
in descending order

38 papers	710 citations	566801 15 h-index	552369 26 g-index
39 all docs	39 docs citations	39 times ranked	1047 citing authors

#	Article	IF	Citations
1	Pitx2 impairs calcium handling in a dose-dependent manner by modulating Wnt signalling. Cardiovascular Research, 2016, 109, 55-66.	1.8	78
2	The Prefoldin Bud27 Mediates the Assembly of the Eukaryotic RNA Polymerases in an Rpb5-Dependent Manner. PLoS Genetics, 2013, 9, e1003297.	1.5	69
3	Expanded CTG repeats trigger miRNA alterations in Drosophila that are conserved in myotonic dystrophy type 1 patients. Human Molecular Genetics, 2013, 22, 704-716.	1.4	62
4	Pitx2c overexpression promotes cell proliferation and arrests differentiation in myoblasts. Developmental Dynamics, 2006, 235, 2930-2939.	0.8	53
5	Pitx2 in Embryonic and Adult Myogenesis. Frontiers in Cell and Developmental Biology, 2017, 5, 46.	1.8	52
6	A <i>Pitx2</i>-MicroRNA Pathway Modulates Cell Proliferation in Myoblasts and Skeletal-Muscle Satellite Cells and Promotes Their Commitment to a Myogenic Cell Fate. Molecular and Cellular Biology, 2015, 35, 2892-2909.	1.1	48
7	Pitx2c modulates Pax3+/Pax7+ cell populations and regulates Pax3 expression by repressing miR27 expression during myogenesis. Developmental Biology, 2011, 357, 165-178.	0.9	47
8	Glutathione Is the Resolving Thiol for Thioredoxin Peroxidase Activity of 1-Cys Peroxiredoxin Without Being Consumed During the Catalytic Cycle. Antioxidants and Redox Signaling, 2016, 24, 115-128.	2.5	36
9	Pitx2c Modulates Cardiac-Specific Transcription Factors Networks in Differentiating Cardiomyocytes from Murine Embryonic Stem Cells. Cells Tissues Organs, 2011, 194, 349-362.	1.3	31
10	Identification of regulatory elements directing miR-23aâ€"miR-27aâ€"miR-24-2 transcriptional regulation in response to muscle hypertrophic stimuli. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 885-897.	0.9	28
11	A MicroRNA-Transcription Factor Blueprint for Early Atrial Arrhythmogenic Remodeling. BioMed Research International, 2015, 2015, 1-13.	0.9	24
12	PITX2 Enhances the Regenerative Potential of Dystrophic Skeletal Muscle Stem Cells. Stem Cell Reports, 2018, 10, 1398-1411.	2.3	22
13	A Novel PITX2c Gain-of-Function Mutation, p.Met207Val, in Patients With Familial Atrial Fibrillation. American Journal of Cardiology, 2019, 123, 787-793.	0.7	18
14	A role for p38Î± mitogenâ€activated protein kinase in embryonic cardiac differentiation. FEBS Letters, 2008, 582, 1025-1031.	1.3	16
15	MiR-195 enhances cardiomyogenic differentiation of the proepicardium/septum transversum by Smurf1 and Foxp1 modulation. Scientific Reports, 2020, 10, 9334.	1.6	16
16	Pitx2c Is Reactivated in the Failing Myocardium and Stimulates Myf5 Expression in Cultured Cardiomyocytes. PLoS ONE, 2014, 9, e90561.	1.1	16
17	MiRNAs and Muscle Regeneration: Therapeutic Targets in Duchenne Muscular Dystrophy. International Journal of Molecular Sciences, 2021, 22, 4236.	1.8	13
18	Muscle Satellite Cell Heterogeneity: Does Embryonic Origin Matter?. Frontiers in Cell and Developmental Biology, 2021, 9, 750534.	1.8	12

#	Article	IF	Citations
19	Intron retention and transcript chimerism conserved across mammals: Ly6g5b and Csnk2b-Ly6g5b as examples. BMC Genomics, 2013, 14, 199.	1.2	10
20	Differential Splicing, Disease and Drug Targets. Infectious Disorders - Drug Targets, 2008, 8, 241-251.	0.4	8
21	Deletion of the Wilmsâ€™ Tumor Suppressor Gene in the Cardiac Troponin-T Lineage Reveals Novel Functions of WT1 in Heart Development. Frontiers in Cell and Developmental Biology, 2021, 9, 683861.	1.8	8
22	Expression patterns and immunohistochemical localization of PITX2B transcription factor in the developing mouse heart. International Journal of Developmental Biology, 2015, 59, 247-254.	0.3	8
23	Comparative Analyses of MicroRNA Microarrays during Cardiogenesis: Functional Perspectives. Microarrays (Basel, Switzerland), 2013, 2, 81-96.	1.4	7
24	Analysis of microRNA Microarrays in Cardiogenesis. Methods in Molecular Biology, 2015, 1375, 207-221.	0.4	7
25	Regulation of Epicardial Cell Fate during Cardiac Development and Disease: An Overview. International Journal of Molecular Sciences, 2022, 23, 3220.	1.8	7
26	Expression in bacteria of small and specific protein domains of two transcription factor isoforms, purification and monospecific polyclonal antibodies generation, by a two-step affinity chromatography procedure. Protein Expression and Purification, 2008, 60, 151-156.	0.6	4
27	Novel PITX2 Homeodomain-Contained Mutations from ATRIAL Fibrillation Patients Deteriorate Calcium Homeostasis. Hearts, 2021, 2, 251-271.	0.4	4
28	Differential Spatio-Temporal Regulation of T-Box Gene Expression by microRNAs during Cardiac Development. Journal of Cardiovascular Development and Disease, 2021, 8, 56.	0.8	3
29	Pitx2 Differentially Regulates the Distinct Phases of Myogenic Program and Delineates Satellite Cell Lineages During Muscle Development. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	2
30	The Role of Bmp- and Fgf Signaling Modulating Mouse Proepicardium Cell Fate. Frontiers in Cell and Developmental Biology, 2021, 9, 757781.	1.8	1
31	miR-27b and miR-23b Modulate Cardiomyocyte Differentiation from Mouse Embryonic Stem Cells. Journal of Cardiovascular Development and Disease, 2014, 1, 41-51.	0.8	0
32	P575Functional characterization of novel PITX2 homeodomain mutations in AF patients. Cardiovascular Research, 2014, 103, S103.4-S103.	1.8	0
33	279Pitx2 regulates multiple AF associated GWAS genes. Cardiovascular Research, 2014, 103, S50.3-S50.	1.8	0
34	P580Dose dependent Pitx2 loss of function impairs Zfhx3, Wnt8a and calcium handling; novel links to atrial arrhythmogenesis. Cardiovascular Research, 2014, 103, S104.3-S104.	1.8	0
35	P572Pitx2 differently controls the expression of gene embedded microRNAs in cardiac and skeletal muscle cells.. Cardiovascular Research, 2014, 103, S103.1-S103.	1.8	0
36	Skeletal Muscle Progenitor Specification During Development. , 2018, , 279-279.		0

#	ARTICLE	IF	CITATIONS
37	miRNAs and Muscle Stem Cells. , 0, , .		0
38	Isolation and Culture of Quiescent Skeletal Satellite Cells. Methods in Molecular Biology, 2020, 2155, 141-150.	0.4	0