Pilar Ruiz-Lozano

List of Publications by Year
in descending order

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45	5,869	172207	233125
papers	citations	29 h-index	45 g-index

46	46	46	8500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epicardium-derived extracellular vesicles: a promising avenue for cardiac regeneration. Cardiovascular Research, 2021, , .	1.8	0
2	Disruption of NOTCH signaling by a small molecule inhibitor of the transcription factor RBPJ. Scientific Reports, 2019, 9, 10811.	1.6	40
3	miRNAs that Induce Human Cardiomyocyte Proliferation Converge on the Hippo Pathway. Cell Reports, 2018, 23, 2168-2174.	2.9	73
4	Apelin and APJ orchestrate complex tissue-specific control of cardiomyocyte hypertrophy and contractility in the hypertrophy-heart failure transition. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H348-H356.	1.5	28
5	Id genes are essential for early heart formation. Genes and Development, 2017, 31, 1325-1338.	2.7	64
6	Cardiomyocyte Regeneration. Circulation, 2017, 136, 680-686.	1.6	417
7	Notch-independent RBPJ controls angiogenesis in the adult heart. Nature Communications, 2016, 7, 12088.	5.8	43
8	Infection-resistant MRI-visible scaffolds for tissue engineering applications. BioImpacts, 2016, 6, 111-115.	0.7	55
9	Protein Corona Influences Cellâ€“Biomaterial Interactions in Nanostructured Tissue Engineering Scaffolds. Advanced Functional Materials, 2015, 25, 4379-4389.	7.8	57
10	Developmental origin of age-related coronary artery disease. Cardiovascular Research, 2015, 107, 287-294.	1.8	20
11	Epicardial FSTL1 reconstitution regenerates the adult mammalian heart. Nature, 2015, 525, 479-485.	13.7	402
12	[Pyr1]-Apelin-13 delivery via nano-liposomal encapsulation attenuates pressure overload-induced cardiac dysfunction. Biomaterials, 2015, 37, 289-298.	5.7	44
13	Use of bio-mimetic three-dimensional technology in therapeutics for heart disease. Bioengineered, 2014, 5, 193-197.	1.4	20
14	Ultra-rapid Manufacturing of Engineered Epicardial Substitute to Regenerate Cardiac Tissue Following Acute Ischemic Injury. Methods in Molecular Biology, 2014, 1210, 239-248.	0.4	9
15	The effect of bioengineered acellular collagen patch on cardiac remodeling and ventricular function post myocardial infarction. Biomaterials, 2013, 34, 9048-9055.	5.7	168
16	Coronary veins determine the pattern of sympathetic innervation in the developing heart. Development (Cambridge), 2013, 140, 1475-1485.	1.2	62
17	APJ acts as a dual receptor in cardiac hypertrophy. Nature, 2012, 488, 394-398.	13.7	204
18	Deficient Signaling via Alk2 (Acvr1) Leads to Bicuspid Aortic Valve Development. PLoS ONE, 2012, 7, e35539.	1.1	59

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19	Altered Î²â€adrenergic response in mice lacking myotonic dystrophy protein kinase. Muscle and Nerve, 2012, 45, 128-130.	1.0	3
20	Cardiac muscle regeneration: lessons from development. Genes and Development, 2011, 25, 299-309.	2.7	156
21	Characterization of a novel angiogenic model based on stable, fluorescently labelled endothelial cell lines amenable to scale-up for high content screening. Biology of the Cell, 2011, 103, 467-481.	0.7	15
22	Retinoic acid stimulates myocardial expansion by induction of hepatic erythropoietin which activates epicardialIgf2. Development (Cambridge), 2011, 138, 139-148.	1.2	87
23	Non-autonomous modulation of heart rhythm, contractility and morphology in adult fruit flies. Developmental Biology, 2009, 328, 483-492.	0.9	15
24	Coronary development is regulated by ATP-dependent SWI/SNF chromatin remodeling component BAF180. Developmental Biology, 2008, 319, 258-266.	0.9	89
25	Signaling via the Tgf-Î² type I receptor Alk5 in heart development. Developmental Biology, 2008, 322, 208-218.	0.9	147
26	Epicardium-derived progenitor cells require Î²-catenin for coronary artery formation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18109-18114.	3.3	149
27	Role of Myotonic Dystrophy Protein Kinase (DMPK) in Glucose Homeostasis and Muscle Insulin Action. PLoS ONE, 2007, 2, e1134.	1.1	36
28	Stem Cells as In Vitro Models of Disease. Current Stem Cell Research and Therapy, 2007, 2, 280-292.	0.6	9
29	Distinct roles of HF-1b/Sp4 in ventricular and neural crest cells lineages affect cardiac conduction system development. Developmental Biology, 2006, 291, 208-217.	0.9	28
30	Predominant fusion of bone marrow-derived cardiomyocytes. Cardiovascular Research, 2005, 68, 387-393.	1.8	19
31	Epicardial retinoid X receptor Â is required for myocardial growth and coronary artery formation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18455-18460.	3.3	320
32	Myotonic Dystrophy Protein Kinase Phosphorylates Phospholamban and Regulates Calcium Uptake in Cardiomyocyte Sarcoplasmic Reticulum. Journal of Biological Chemistry, 2005, 280, 8016-8021.	1.6	36
33	Embryoniceven skippedâ€“Dependent Muscle and Heart Cell Fates Are Required for Normal Adult Activity, Heart Function, and Lifespan. Circulation Research, 2005, 97, 1108-1114.	2.0	37
34	Mouse Neuron navigator 1, a novel microtubule-associated protein involved in neuronal migration. Molecular and Cellular Neurosciences, 2005, 28, 599-612.	1.0	74
35	Cre-constructing the heart. Nature Genetics, 2003, 33, 8-9.	9.4	16
36	Identification of a Wnt/Dvl/Î²-Catenin â†' Pitx2 Pathway Mediating Cell-Type-Specific Proliferation during Development. Cell, 2002, 111, 673-685.	13.5	519

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37	Nuclear Factor ÎºB-inducing Kinase and IÎºB Kinase-Î± Signal Skeletal Muscle Cell Differentiation. Journal of Biological Chemistry, 2001, 276, 20228-20233.	1.6	38
38	A Novel Genetic Pathway for Sudden Cardiac Death via Defects in the Transition between Ventricular and Conduction System Cell Lineages. Cell, 2000, 102, 671-682.	13.5	126
39	Expression patterns of FHL/SLIM family members suggest important functional roles in skeletal muscle and cardiovascular system. Mechanisms of Development, 2000, 95, 259-265.	1.7	154
40	Cypher, a Striated Muscle-restricted PDZ and LIM Domain-containing Protein, Binds to Î±-Actinin-2 and Protein Kinase C. Journal of Biological Chemistry, 1999, 274, 19807-19813.	1.6	210
41	PPARÎ³ Is Required for Placental, Cardiac, and Adipose Tissue Development. Molecular Cell, 1999, 4, 585-595.	4.5	1,780
42	Hunting down nucleic acid binding factors in the cardiovascular system. Cardiovascular Research, 1998, 38, 301-315.	1.8	1
43	A rat homeobox gene, rNKx-2.5 , is a homologue of the tinman gene in Drosophila and is mainly expressed during heart development. Development Genes and Evolution, 1997, 207, 352-358.	0.4	2
44	Developmental expression of the murine spliceosome-associated protein mSAP49. Developmental Dynamics, 1997, 208, 482-490.	0.8	21
45	The gene encoding rat phosphoglycerate mutase subunit M: cloning and promoter analysis in skeletal muscle cells. Gene, 1994, 147, 243-248.	1.0	15