

Deborah Yelon

List of Publications by Year in descending order

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47
papers

4,486
citations

185998

28
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243296

44
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docs citations

54
times ranked

4204
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Morphogenesis: Crowding and Tension Resolved through Social Distancing. <i>Developmental Cell</i> , 2021, 56, 159-160.	3.1	0
2	Pathways Regulating Establishment and Maintenance of Cardiac Chamber Identity in Zebrafish. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 13.	0.8	6
3	<i>osr1</i> couples intermediate mesoderm cell fate with temporal dynamics of vessel progenitor cell differentiation. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	8
4	Haematopoietic stem cell-dependent Notch transcription is mediated by p53 through the Histone chaperone Supt16h. <i>Nature Cell Biology</i> , 2020, 22, 1411-1422.	4.6	9
5	Cardiac function modulates endocardial cell dynamics to shape the cardiac outflow tract. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	6
6	Tmem2 restricts atrioventricular canal differentiation by regulating degradation of hyaluronic acid. <i>Developmental Dynamics</i> , 2019, 248, 1195-1210.	0.8	10
7	Biomechanical signaling within the developing zebrafish heart attunes endocardial growth to myocardial chamber dimensions. <i>Nature Communications</i> , 2019, 10, 4113.	5.8	33
8	Fluid forces shape the embryonic heart: Insights from zebrafish. <i>Current Topics in Developmental Biology</i> , 2019, 132, 395-416.	1.0	28
9	Commentary on "The precardiac areas and formation of the tubular heart in the chick embryo" by Stalsberg and DeHaan, 1969. <i>Developmental Biology</i> , 2019, 456, 105-137.	0.9	1
10	FGF signaling enforces cardiac chamber identity in the developing ventricle. <i>Development (Cambridge)</i> , 2017, 144, 1328-1338.	1.2	36
11	Platelet-derived growth factor (PDGF) signaling directs cardiomyocyte movement toward the midline during heart tube assembly. <i>ELife</i> , 2017, 6, .	2.8	38
12	Tmem2 regulates cell-matrix interactions that are essential for muscle fiber attachment. <i>Development (Cambridge)</i> , 2016, 143, 2965-72.	1.2	11
13	Utilizing Zebrafish to Understand Second Heart Field Development. , 2016, , 193-199.		13
14	Hand2 inhibits kidney specification while promoting vein formation within the posterior mesoderm. <i>ELife</i> , 2016, 5, .	2.8	20
15	Tmem2 regulates cell-matrix interactions that are essential for muscle fiber attachment. <i>Journal of Cell Science</i> , 2016, 129, e1.2-e1.2.	1.2	0
16	Editorial overview: Developmental mechanisms, patterning and organogenesis. <i>Current Opinion in Genetics and Development</i> , 2015, 32, v-viii.	1.5	3
17	Cadm4 Restricts the Production of Cardiac Outflow Tract Progenitor Cells. <i>Cell Reports</i> , 2014, 7, 951-960.	2.9	43
18	Hand2 elevates cardiomyocyte production during zebrafish heart development and regeneration. <i>Development (Cambridge)</i> , 2014, 141, 3112-3122.	1.2	110

#	ARTICLE	IF	CITATIONS
19	Nkx genes are essential for maintenance of ventricular identity. <i>Development (Cambridge)</i> , 2013, 140, 4203-4213.	1.2	93
20	tal1 regulates the formation of intercellular junctions and the maintenance of identity in the endocardium. <i>Developmental Biology</i> , 2013, 383, 214-226.	0.9	35
21	In vivo cardiac reprogramming contributes to zebrafish heart regeneration. <i>Nature</i> , 2013, 498, 497-501.	13.7	229
22	Heart under construction. <i>Nature</i> , 2012, 484, 459-460.	13.7	7
23	Multiple influences of blood flow on cardiomyocyte hypertrophy in the embryonic zebrafish heart. <i>Developmental Biology</i> , 2012, 362, 242-253.	0.9	83
24	The regenerative capacity of zebrafish reverses cardiac failure caused by genetic cardiomyocyte depletion. <i>Development (Cambridge)</i> , 2011, 138, 3421-3430.	1.2	339
25	Dependence of cardiac trabeculation on neuregulin signaling and blood flow in zebrafish. <i>Developmental Dynamics</i> , 2011, 240, 446-456.	0.8	115
26	The novel transmembrane protein Tmem2 is essential for coordination of myocardial and endocardial morphogenesis. <i>Development (Cambridge)</i> , 2011, 138, 4199-4205.	1.2	52
27	Myocardial Lineage Development. <i>Circulation Research</i> , 2010, 107, 1428-1444.	2.0	237
28	Hand2 ensures an appropriate environment for cardiac fusion by limiting Fibronectin function. <i>Development (Cambridge)</i> , 2010, 137, 3215-3220.	1.2	65
29	Distinct phases of cardiomyocyte differentiation regulate growth of the zebrafish heart. <i>Development (Cambridge)</i> , 2009, 136, 1633-1641.	1.2	234
30	Differential requirement for BMP signaling in atrial and ventricular lineages establishes cardiac chamber proportionality. <i>Developmental Biology</i> , 2009, 328, 472-482.	0.9	39
31	The Spinster Homolog, Two of Hearts, Is Required for Sphingosine 1-Phosphate Signaling in Zebrafish. <i>Current Biology</i> , 2008, 18, 1882-1888.	1.8	157
32	Reiterative roles for FGF signaling in the establishment of size and proportion of the zebrafish heart. <i>Developmental Biology</i> , 2008, 321, 397-406.	0.9	113
33	Hedgehog signaling plays a cell-autonomous role in maximizing cardiac developmental potential. <i>Development (Cambridge)</i> , 2008, 135, 3789-3799.	1.2	91
34	Functional Modulation of Cardiac Form through Regionally Confined Cell Shape Changes. <i>PLoS Biology</i> , 2007, 5, e53.	2.6	260
35	Endocardium is necessary for cardiomyocyte movement during heart tube assembly. <i>Development (Cambridge)</i> , 2007, 134, 2379-2386.	1.2	77
36	Early developmental specification of the thyroid gland depends on <i>hand1</i> -expressing surrounding tissue and on FGF signals. <i>Development (Cambridge)</i> , 2007, 134, 2871-2879.	1.2	64

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37	Illuminating cardiac development: Advances in imaging add new dimensions to the utility of zebrafish genetics. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 27-35.	2.3	49
38	Vessel and Blood Specification Override Cardiac Potential in Anterior Mesoderm. <i>Developmental Cell</i> , 2007, 13, 254-267.	3.1	201
39	Organization of cardiac chamber progenitors in the zebrafish blastula. <i>Development (Cambridge)</i> , 2004, 131, 3081-3091.	1.2	148
40	Two endothelin 1 effectors, <i>hand2</i> and <i>bapx1</i> , pattern ventral pharyngeal cartilage and the jaw joint. <i>Development (Cambridge)</i> , 2003, 130, 1353-1365.	1.2	194
41	Mutation of weak atrium/atrial myosin heavy chain disrupts atrial function and influences ventricular morphogenesis in zebrafish. <i>Development (Cambridge)</i> , 2003, 130, 6121-6129.	1.2	241
42	Pattern Formation: Swimming in Retinoic Acid. <i>Current Biology</i> , 2002, 12, R707-R709.	1.8	13
43	Cardiovascular System. <i>Results and Problems in Cell Differentiation</i> , 2002, 40, 298-321.	0.2	1
44	Cardiac patterning and morphogenesis in zebrafish. <i>Developmental Dynamics</i> , 2001, 222, 552-563.	0.8	102
45	<i>casanova</i> encodes a novel Sox-related protein necessary and sufficient for early endoderm formation in zebrafish. <i>Genes and Development</i> , 2001, 15, 1493-1505.	2.7	273
46	Restricted Expression of Cardiac Myosin Genes Reveals Regulated Aspects of Heart Tube Assembly in Zebrafish. <i>Developmental Biology</i> , 1999, 214, 23-37.	0.9	433
47	Screening mosaic F1 females for mutations affecting zebrafish heart induction and patterning. <i>Genesis</i> , 1998, 22, 288-299.	3.1	162