

David Sedmera

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

4,098
citations

35
h-index

61
g-index

156
ext. papers

4,710
ext. citations

4.1
avg. IF

5.19
L-index

#	Paper	IF	Citations
144	Coating Ti6Al4V implants with nanocrystalline diamond functionalized with BMP-7 promotes extracellular matrix mineralization in vitro and faster osseointegration in vivo.. <i>Scientific Reports</i> , 2022 , 12, 5264	4.9	2
143	Gap Junctional Communication via Connexin43 between Purkinje Fibers and Working Myocytes Explains the Epicardial Activation Pattern in the Postnatal Mouse Left Ventricle. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
142	PHB/CHIT Scaffold as a Promising Biopolymer in the Treatment of Osteochondral Defects-An Experimental Animal Study. <i>Polymers</i> , 2021 , 13,	4.5	3
141	Tissue clearing and imaging methods for cardiovascular development. <i>iScience</i> , 2021 , 24, 102387	6.1	4
140	The Tale-Tell Heart: Evolutionary tetrapod shift from aquatic to terrestrial life-style reflected in heart changes in axolotl (<i>Ambystoma mexicanum</i>). <i>Developmental Dynamics</i> , 2021 ,	2.9	1
139	What Is the Optimal Light Source for Optical Mapping Using Voltage- and Calcium-Sensitive Dyes?. <i>Physiological Research</i> , 2020 , 69, 599-607	2.1	2
138	Low incidence of atrial septal defects in nonmammalian vertebrates. <i>Evolution & Development</i> , 2020 , 22, 241-256	2.6	1
137	Developmental mechanisms driving complex tooth shape in reptiles. <i>Developmental Dynamics</i> , 2020 , 249, 441-464	2.9	11
136	Left ventricular function and remodelling in rats exposed stepwise up to extreme chronic intermittent hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2020 , 282, 103526	2.8	
135	The formation of the atrioventricular conduction axis is linked in development to ventricular septation. <i>Journal of Experimental Biology</i> , 2020 , 223,	3	5
134	HIF-1 β s required for development of the sympathetic nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13414-13423	11.5	27
133	Epoxyeicosatrienoic acid analog EET-B attenuates post-myocardial infarction remodeling in spontaneously hypertensive rats. <i>Clinical Science</i> , 2019 , 133, 939-951	6.5	12
132	Identification of the building blocks of ventricular septation in monitor lizards (Varanidae). <i>Development (Cambridge)</i> , 2019 , 146,	6.6	9
131	New Imaging Markers of Clinical Outcome in Asymptomatic Patients with Severe Aortic Regurgitation. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
130	Preclinical alternative model for analysis of porous scaffold biocompatibility in bone tissue engineering. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019 , 36, 121-130	4.3	11
129	HNK-1 in Morphological Study of Development of the Cardiac Conduction System in Selected Groups of Sauropsida. <i>Anatomical Record</i> , 2019 , 302, 69-82	2.1	7
128	Trabecular Architecture Determines Impulse Propagation Through the Early Embryonic Mouse Heart. <i>Frontiers in Physiology</i> , 2018 , 9, 1876	4.6	8

127	Relative position of the atrioventricular canal determines the electrical activation of developing reptile ventricles. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	8
126	Ossification Pattern in Forelimbs of the Siamese Crocodile (<i>Crocodylus siamensis</i>): Similarity in Ontogeny of Carpus Among Crocodylian Species. <i>Anatomical Record</i> , 2018 , 301, 1159-1168	2.1	1
125	Proteomic analysis of cardiac ventricles: baso-apical differences. <i>Molecular and Cellular Biochemistry</i> , 2018 , 445, 211-219	4.2	3
124	Endocardial Fibroelastosis is Secondary to Hemodynamic Alterations in the Chick Embryonic Model of Hypoplastic Left Heart Syndrome. <i>Developmental Dynamics</i> , 2018 , 247, 509-520	2.9	11
123	Infarct size-limiting effect of epoxyeicosatrienoic acid analog EET-B is mediated by hypoxia-inducible factor-1β via downregulation of prolyl hydroxylase 3. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1148-H1158	5.2	12
122	Adverse effects of Hif1a mutation and maternal diabetes on the offspring heart. <i>Cardiovascular Diabetology</i> , 2018 , 17, 68	8.7	12
121	Specialized impulse conduction pathway in the alligator heart. <i>ELife</i> , 2018 , 7,	8.9	28
120	Analysis of Siamese Crocodile (<i>Crocodylus siamensis</i>) Eggshell Proteome. <i>Protein Journal</i> , 2018 , 37, 21-37	3.9	5
119	Apoptosis and epicardial contributions act as complementary factors in remodeling of the atrioventricular canal myocardium and atrioventricular conduction patterns in the embryonic chick heart. <i>Developmental Dynamics</i> , 2018 , 247, 1033-1042	2.9	5
118	Novel approaches to study coronary vasculature development in mice. <i>Developmental Dynamics</i> , 2018 , 247, 1018-1027	2.9	11
117	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , 2017 , 8, 87	17.4	38
116	Multiple Roles of Pitx2 in Cardiac Development and Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2017 , 4,	4.2	18
115	Knockout of Tmem70 alters biogenesis of ATP synthase and leads to embryonal lethality in mice. <i>Human Molecular Genetics</i> , 2016 , 25, 4674-4685	5.6	15
114	Native T1 Relaxation Time and Extracellular Volume Fraction as Accurate Markers of Diffuse Myocardial Fibrosis in Heart Valve Disease - Comparison With Targeted Left Ventricular Myocardial Biopsy. <i>Circulation Journal</i> , 2016 , 80, 1202-9	2.9	38
113	Hemodynamics During Development and Postnatal Life 2016 , 97-107		1
112	Congenital coronary artery anomalies: a bridge from embryology to anatomy and pathophysiology--a position statement of the development, anatomy, and pathology ESC Working Group. <i>Cardiovascular Research</i> , 2016 , 109, 204-16	9.9	85
111	Physiological role of FGF signaling in growth and remodeling of developing cardiovascular system. <i>Physiological Research</i> , 2016 , 65, 425-35	2.1	5
110	Visualization of GFP mouse embryos and embryonic hearts using various tissue clearing methods and 3D imaging modalities 2016 , 256-257		1

109	Changes in Myocardial Composition and Conduction Properties in Rat Heart Failure Model Induced by Chronic Volume Overload. <i>Frontiers in Physiology</i> , 2016 , 7, 367	4.6	15
108	Acute temperature effects on function of the chick embryonic heart. <i>Acta Physiologica</i> , 2016 , 217, 276-86	5.6	8
107	Comparison of different tissue clearing methods and 3D imaging techniques for visualization of GFP-expressing mouse embryos and embryonic hearts. <i>Histochemistry and Cell Biology</i> , 2016 , 146, 141-52	2.4	54
106	Arrhythmias in the developing heart. <i>Acta Physiologica</i> , 2015 , 213, 303-20	5.6	7
105	Morphometric alterations, steatosis, fibrosis and active caspase-3 detection in carbamate bendiocarb treated rabbit liver. <i>Environmental Toxicology</i> , 2015 , 30, 212-22	4.2	5
104	Growth Dynamics and Mononucleation of the Ventricular Conduction System. <i>FASEB Journal</i> , 2015 , 29, 557.2	0.9	
103	Effect of Hypoxia on Gene Expression in the Chick Embryonic Heart. <i>FASEB Journal</i> , 2015 , 29, 557.5	0.9	
102	Development of the Ventricular Conduction System of the Crocodilian Heart. <i>FASEB Journal</i> , 2015 , 29, 557.6	0.9	
101	Temperature Effects on the Chick Embryonic Heart Function. <i>FASEB Journal</i> , 2015 , 29, 1042.5	0.9	
100	Partial deficiency of HIF-1 β stimulates pathological cardiac changes in streptozotocin-induced diabetic mice. <i>BMC Endocrine Disorders</i> , 2014 , 14, 11	3.3	11
99	Studying dynamic events in the developing myocardium. <i>Progress in Biophysics and Molecular Biology</i> , 2014 , 115, 261-9	4.7	8
98	ErbB2 is required for cardiac atrial electrical activity during development. <i>PLoS ONE</i> , 2014 , 9, e107041	3.7	6
97	Adenylyl cyclase signaling in the developing chick heart: the deranging effect of antiarrhythmic drugs. <i>BioMed Research International</i> , 2014 , 2014, 463123	3	4
96	Developmental determinants of cardiac sensitivity to hypoxia. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014 , 92, 566-74	2.4	11
95	The role of connexin40 in developing atrial conduction. <i>FEBS Letters</i> , 2014 , 588, 1465-9	3.8	12
94	Reverse endoventricular artificial obturator in tricuspid valve position. Experimental feasibility research study. <i>Physiological Research</i> , 2014 , 63, 157-65	2.1	
93	Stress and strain adaptation in load-dependent remodeling of the embryonic left ventricle. <i>Biomechanics and Modeling in Mechanobiology</i> , 2013 , 12, 1037-51	3.8	11
92	Increased susceptibility of HIF-1 β heterozygous-null mice to cardiovascular malformations associated with maternal diabetes. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 60, 129-41	5.8	36

91	Chick embryonic model of hypoplastic left heart syndrome: endocardial fibroelastosis. <i>European Heart Journal</i> , 2013 , 34, P1443-P1443	9.5	
90	Functional suppression of Kcnq1 leads to early sodium channel remodelling and cardiac conduction system dysmorphogenesis. <i>Cardiovascular Research</i> , 2013 , 98, 504-14	9.9	4
89	Heart rate changes mediate the embryotoxic effect of antiarrhythmic drugs in the chick embryo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H895-902	5.2	20
88	ENDOCARDIAL FIBROELASTOSIS IN CHICK MODEL OF HYPOPLASTIC LEFT HEART SYNDROME. <i>FASEB Journal</i> , 2013 , 27, 529.3	0.9	
87	Prenatal Adaptations to Overload 2013 , 41-57		2
86	Chick development and high dose of bendiocarb. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012 , 47, 1312-8	2.3	1
85	Poster session 3. <i>Cardiovascular Research</i> , 2012 , 93, S92-S127	9.9	4
84	Pitx2 confers left morphological, molecular, and functional identity to the sinus venosus myocardium. <i>Cardiovascular Research</i> , 2012 , 93, 291-301	9.9	40
83	The effect of connexin40 deficiency on ventricular conduction system function during development. <i>Cardiovascular Research</i> , 2012 , 95, 469-79	9.9	33
82	IS EMBRYONIC PRESSURE OVERLOAD RESPONSIBLE FOR CAUSING ENDOCARDIAL FIBROELASTOSIS?. <i>FASEB Journal</i> , 2012 , 26, 726.13	0.9	
81	FGF signaling is involved in physiological adaptation to pressure overload in developing heart. <i>FASEB Journal</i> , 2012 , 26, 15.1	0.9	
80	Ontogenesis of Myocardial Function 2012 , 147-175		4
79	Effect of metformin therapy on cardiac function and survival in a volume-overload model of heart failure in rats. <i>Clinical Science</i> , 2011 , 121, 29-41	6.5	43
78	Metabolic characterization of volume overload heart failure due to aorto-caval fistula in rats. <i>Molecular and Cellular Biochemistry</i> , 2011 , 354, 83-96	4.2	44
77	Proteomic and transcriptomic analysis of heart failure due to volume overload in a rat aorto-caval fistula model provides support for new potential therapeutic targets - monoamine oxidase A and transglutaminase 2. <i>Proteome Science</i> , 2011 , 9, 69	2.6	26
76	Myocyte proliferation in the developing heart. <i>Developmental Dynamics</i> , 2011 , 240, 1322-34	2.9	64
75	Myocardial morphological characteristics and proarrhythmic substrate in the rat model of heart failure due to chronic volume overload. <i>Anatomical Record</i> , 2011 , 294, 102-11	2.1	20
74	Function and form in the developing cardiovascular system. <i>Cardiovascular Research</i> , 2011 , 91, 252-9	9.9	51

73	Cell death in the atrioventricular canal myocardium determines ventricular activation patterns. <i>FASEB Journal</i> , 2011 , 25, lb14	0.9	
72	Effects of mechanical loading on early conduction system differentiation in the chick. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1571-6	5.2	24
71	Factors in ventricular and atrioventricular valve growth: An embryologist's perspective. <i>Progress in Pediatric Cardiology</i> , 2010 , 29, 11-14	0.4	2
70	MOLECULAR ANALYSIS OF NORMAL AND HYPOPLASTIC CHICK EMBRYONIC VENTRICLES. <i>FASEB Journal</i> , 2010 , 24, lb15	0.9	
69	Functionality of bundle branches in developing hearts of Cx40 deficient mice. <i>FASEB Journal</i> , 2010 , 24, 451.2	0.9	
68	Fibroblast Growth Factor-2 regulates proliferation of cardiac myocytes in normal and hypoplastic left ventricles in the developing chick. <i>Cardiology in the Young</i> , 2009 , 19, 159-69	1	14
67	Pathways to embryonic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1578-9	5.2	1
66	Deletion of a conserved noncoding sequence in Plzf intron leads to Plzf down-regulation in limb bud and polydactyly in the rat. <i>Developmental Dynamics</i> , 2009 , 238, 673-84	2.9	19
65	Patterns of muscular strain in the embryonic heart wall. <i>Developmental Dynamics</i> , 2009 , 238, 1535-46	2.9	23
64	Bendiocarb effect on liver and central nervous system in the chick embryo. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009 , 44, 383-8	2.2	9
63	Regulation of Embryonic Cardiac Wall Growth and Vascularization by FGF-2. <i>FASEB Journal</i> , 2009 , 23, 642.3	0.9	1
62	Embryogenesis of the heart muscle. <i>Heart Failure Clinics</i> , 2008 , 4, 235-45	3.3	55
61	Letter by Gourdie and Sedmera regarding article, "abnormal conduction and morphology in the atrioventricular node of mice with atrioventricular canal-targeted deletion of Alk3/Bmpr1a receptor". <i>Circulation</i> , 2008 , 118, e106; author reply e107	16.7	1
60	The Oldest, Toughest Cells in the Heart. <i>Novartis Foundation Symposium</i> , 2008 , 157-176		11
59	His/Purkinje Lineages and Development. <i>Novartis Foundation Symposium</i> , 2008 , 110-124		12
58	Cardiac expression patterns of endothelin-converting enzyme (ECE): implications for conduction system development. <i>Developmental Dynamics</i> , 2008 , 237, 1746-53	2.9	22
57	Abnormal myocardial and coronary vasculature development in experimental hypoxia. <i>Anatomical Record</i> , 2008 , 291, 1187-99	2.1	33
56	Abnormal Myocardial and Coronary Vasculature Development in Experimental Hypoxia. <i>Anatomical Record</i> , 2008 , 291, spc1-spc1	2.1	0

55	Cardiac neural crest ablation inhibits compaction and electrical function of conduction system bundles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H1291-300	5.2	56
54	Induction and Patterning of the Impulse Conducting Purkinje Fiber Network 2007 , 91-94		
53	Proliferative Responses to Myocardial Remodeling in the Developing Heart 2007 , 47-51		1
52	Quantitative volumetric analysis of cardiac morphogenesis assessed through micro-computed tomography. <i>Developmental Dynamics</i> , 2007 , 236, 802-9	2.9	56
51	Quantitative volumetric analysis of cardiac morphogenesis assessed through micro-computed tomography. <i>Developmental Dynamics</i> , 2007 , 236, spc1-spc1	2.9	
50	High-frequency ultrasonographic imaging of avian cardiovascular development. <i>Developmental Dynamics</i> , 2007 , 236, 3503-13	2.9	77
49	Cardiac Development 2007 Update. <i>Developmental Dynamics</i> , 2007 , 236, 3571-3572	2.9	
48	Transitions in early embryonic atrioventricular valvular function correspond with changes in cushion biomechanics that are predictable by tissue composition. <i>Circulation Research</i> , 2007 , 100, 1503-11	15.7	122
47	Increased ventricular preload is compensated by myocyte proliferation in normal and hypoplastic fetal chick left ventricle. <i>Circulation Research</i> , 2007 , 100, 1363-70	15.7	107
46	3d Reconstruction and Nonlinear Finite Element Analysis of the Embryonic Left Ventricle 2007 , 253		
45	Development of cardiac conduction system in mammals with a focus on the anatomical, functional and medical/genetical aspects. <i>Journal of Applied Biomedicine</i> , 2007 , 5, 115-123	0.6	3
44	Abnormal coronary tree development in embryonic hypoxia leads to heart failure and embryonic lethality. <i>FASEB Journal</i> , 2007 , 21, A974	0.9	
43	Cardiac expression patterns of endothelin-converting enzyme (ECE) suggest a role of endothelin signaling in conduction system development. <i>FASEB Journal</i> , 2007 , 21, A201	0.9	
42	Changes in activation sequence of embryonic chick atria correlate with developing myocardial architecture. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H1646-52	5.2	29
41	Benzo[A]pyrene-induced oral carcinogenesis and chemoprevention: studies in bioengineered human tissue. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 346-50	4	48
40	Blood-borne stem cells differentiate into vascular and cardiac lineages during normal development. <i>Stem Cells and Development</i> , 2006 , 15, 17-28	4.4	33
39	Confocal imaging of the embryonic heart: how deep?. <i>Microscopy and Microanalysis</i> , 2005 , 11, 216-23	0.5	45
38	Topological Segmentation and Smoothing of Discrete Curve Skeletons 2005 , 389-409		

37	Current issues and perspectives in hypoplasia of the left heart. <i>Cardiology in the Young</i> , 2005 , 15, 56-72	1	44
36	Optical mapping of electrical activation in the developing heart. <i>Microscopy and Microanalysis</i> , 2005 , 11, 209-15	0.5	29
35	Knockout of the neural and heart expressed gene HF-1b results in apical deficits of ventricular structure and activation. <i>Cardiovascular Research</i> , 2005 , 67, 548-60	9.9	20
34	Form follows function: developmental and physiological view on ventricular myocardial architecture. <i>European Journal of Cardio-thoracic Surgery</i> , 2005 , 28, 526-8	3	32
33	Hemodynamic-dependent patterning of endothelin converting enzyme 1 expression and differentiation of impulse-conducting Purkinje fibers in the embryonic heart. <i>Development (Cambridge)</i> , 2004 , 131, 581-92	6.6	83
32	Developmental transitions in electrical activation patterns in chick embryonic heart. <i>The Anatomical Record</i> , 2004 , 280, 1001-9		49
31	Does Neural Crest Ablation Delay or Inhibit Maturation of the Conduction System of the Chick Embryonic Heart?. <i>Microscopy and Microanalysis</i> , 2004 , 10, 178-179	0.5	
30	Volumetric Imaging of the Developing Heart. <i>Microscopy and Microanalysis</i> , 2004 , 10, 1384-1385	0.5	
29	Optical Mapping of Electrical Activation in Developing Heart. <i>Microscopy and Microanalysis</i> , 2004 , 10, 198-199	0.5	
28	Developmental anatomy of the heart: a tale of mice and man. <i>Physiological Genomics</i> , 2003 , 15, 165-76	3.6	169
27	Functional and morphological evidence for a ventricular conduction system in zebrafish and <i>Xenopus</i> hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H1152-60	5.2	146
26	Pressure overload alters stress-strain properties of the developing chick heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H1849-56	5.2	39
25	Wnt11 and Wnt7a are up-regulated in association with differentiation of cardiac conduction cells in vitro and in vivo. <i>Developmental Dynamics</i> , 2003 , 227, 536-43	2.9	30
24	Spatiotemporal pattern of commitment to slowed proliferation in the embryonic mouse heart indicates progressive differentiation of the cardiac conduction system. <i>The Anatomical Record</i> , 2003 , 274, 773-7		88
23	Heart development in the spotted dolphin (<i>Stenella attenuata</i>). <i>The Anatomical Record</i> , 2003 , 273, 687-99		13
22	Development of the cardiac pacemaking and conduction system. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2003 , 69, 46-57		82
21	Effect of increased pressure loading on heart growth in neonatal rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2003 , 35, 301-9	5.8	31
20	Hemodynamics is a key epigenetic factor in development of the cardiac conduction system. <i>Circulation Research</i> , 2003 , 93, 77-85	15.7	161

19	His-Purkinje lineages and development. <i>Novartis Foundation Symposium</i> , 2003 , 250, 110-22; discussion 122-4, 276-9		10
18	The oldest, toughest cells in the heart. <i>Novartis Foundation Symposium</i> , 2003 , 250, 157-74; discussion 174-6, 276-9		3
17	Developmental changes in cardiac recovery from anoxia-reoxygenation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 283, R379-88	3.2	39
16	Cellular changes in experimental left heart hypoplasia. <i>The Anatomical Record</i> , 2002 , 267, 137-45		98
15	Pacing redistributes glycogen within the developing myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2001 , 33, 513-20	5.8	6
14	Developmental patterning of the myocardium. <i>The Anatomical Record</i> , 2000 , 258, 319-37		412
13	Structure and function of the developing zebrafish heart. <i>The Anatomical Record</i> , 2000 , 260, 148-57		245
12	The chick embryo heart as an experimental setup for the assessment of myocardial remodeling induced by pacing. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999 , 22, 776-82	1.6	8
11	Remodeling of chick embryonic ventricular myoarchitecture under experimentally changed loading conditions. <i>The Anatomical Record</i> , 1999 , 254, 238-52		198
10	OPTIMISATION OF THE FORMATION AND DISTRIBUTION OF PROTOPORPHYRIN IX IN THE UROTHELIUM: AN IN VITRO APPROACH. <i>Journal of Urology</i> , 1999 , 162, 546-552	2.5	76
9	Pacing-induced ventricular remodeling in the chick embryonic heart. <i>Pediatric Research</i> , 1999 , 45, 845-52	3.2	14
8	A quantitative study of the ventricular myoarchitecture in the stage 21-29 chick embryo following decreased loading. <i>European Journal of Morphology</i> , 1998 , 36, 105-19		37
7	The role of cell death in limb development of rats manifesting Lx allele on different genetic backgrounds. <i>European Journal of Morphology</i> , 1998 , 36, 173-81		2
6	Developmental changes in the myocardial architecture of the chick. <i>The Anatomical Record</i> , 1997 , 248, 421-32		91
5	On the development of Cetacean extremities: I. Hind limb rudimentation in the Spotted dolphin (<i>Stenella attenuata</i>). <i>European Journal of Morphology</i> , 1997 , 35, 25-30		28
4	On the development of Cetacean extremities: II. Morphogenesis and histogenesis of the flippers in the spotted dolphin (<i>Stenella attenuata</i>). <i>European Journal of Morphology</i> , 1997 , 35, 117-23		20
3	Trabeculation in the embryonic heart. <i>BioEssays</i> , 1996 , 18, 607	4.1	33
2	SEM and image analysis in quantitative evaluation of embryonic myocardial architecture. <i>Biology of the Cell</i> , 1995 , 84, 227-227	3.5	2

1 Developmental patterning of the myocardium

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