Kelly A Smith

List of Publications by Year
in descending order

32 papers	1,212 citations	430874 18 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	1876 citing authors

#	Article	IF	Citations
1	Rotation and Asymmetric Development of the Zebrafish Heart Requires Directed Migration of Cardiac Progenitor Cells. Developmental Cell, 2008, 14, 287-297.	7.0	109
2	A Nodal-independent and tissue-intrinsic mechanism controls heart-looping chirality. Nature Communications, 2013, 4, 2754.	12.8	102
3	Dominant-Negative ALK2 Allele Associates With Congenital Heart Defects. Circulation, 2009, 119, 3062-3069.	1.6	97
4	Bmp Signaling Exerts Opposite Effects on Cardiac Differentiation. Circulation Research, 2012, 110, 578-587.	4.5	83
5	Pkd1 Regulates Lymphatic Vascular Morphogenesis during Development. Cell Reports, 2014, 7, 623-633.	6.4	77
6	Live imaging molecular changes in junctional tension upon VE-cadherin in zebrafish. Nature Communications, 2017, 8, 1402.	12.8	73
7	VEGFD regulates blood vascular development by modulating SOX18 activity. Blood, 2014, 123, 1102-1112.	1.4	65
8	mafba is a downstream transcriptional effector of Vegfc signaling essential for embryonic lymphangiogenesis in zebrafish. Genes and Development, 2015, 29, 1618-1630.	5.9	63
9	Tmem2 Regulates Embryonic Vegf Signaling by Controlling Hyaluronic Acid Turnover. Developmental Cell, 2017, 40, 123-136.	7.0	63
10	Transmembrane protein 2 (Tmem2) is required to regionally restrict atrioventricular canal boundary and endocardial cushion development. Development (Cambridge), 2011, 138, 4193-4198.	2.5	48
11	Genes in congenital heart disease: atrioventricular valve formation. Basic Research in Cardiology, 2008, 103, 216-227.	5.9	45
12	Bmp and Nodal Independently Regulate lefty1 Expression to Maintain Unilateral Nodal Activity during Left-Right Axis Specification in Zebrafish. PLoS Genetics, 2011, 7, e1002289.	3.5	45
13	Arap3 is dysregulated in a mouse model of hypotrichosisâ€“lymphedemaâ€“telangiectasia and regulates lymphatic vascular development. Human Molecular Genetics, 2014, 23, 1286-1297.	2.9	36
14	Nppa and Nppb act redundantly during zebrafish cardiac development to confine AVC marker expression and reduce cardiac jelly volume. Development (Cambridge), 2018, 145, .	2.5	35
15	The Alternative Splicing Regulator Nova2 Constrains Vascular Erk Signaling to Limit Specification of the Lymphatic Lineage. Developmental Cell, 2019, 49, 279-292.e5.	7.0	35
16	ALK2 mutation in a patient with Down's syndrome and a congenital heart defect. European Journal of Human Genetics, 2011, 19, 389-393.	2.8	33
17	The developmental origins and lineage contributions of endocardial endothelium. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1937-1947.	4.1	29
18	Production, Secretion, and Biological Activity of the C-Terminal Flanking Peptide of Human Progastrin. Gastroenterology, 2006, 131, 1463-1474.	1.3	20

#	Article	IF	Citations
19	Utilising polymorphisms to achieve allele-specific genome editing in zebrafish. Biology Open, 2017, 6, 125-131.	1.2	19
20	The RNA helicase Ddx21 controls Vegfc-driven developmental lymphangiogenesis by balancing endothelial cell ribosome biogenesis and p53 function. Nature Cell Biology, 2021, 23, 1136-1147.	10.3	17
21	Cavin4 interacts with Bin1 to promote T-tubule formation and stability in developing skeletal muscle. Journal of Cell Biology, 2021, 220, .	5.2	15
22	Interrelationships between circulating gastrin and iron status in mice and humans. American Journal of Physiology - Renal Physiology, 2008, 295, G855-G861.	3.4	14
23	Genetics of Congenital Heart Defects: A Candidate Gene Approach. Trends in Cardiovascular Medicine, 2010, 20, 124-128.	4.9	13
24	carbamoylâ€phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase (cad) regulates Notch signaling and vascular development in zebrafish. Developmental Dynamics, 2015, 244, 1-9.	1.8	12
25	Tmem2 Regulates Embryonic Vegf Signaling by Controlling Hyaluronic Acid Turnover. Developmental Cell, 2017, 40, 421.	7.0	12
26	The zebrafishgrimemutant uncovers an evolutionarily conserved role for Tmem161b in the control of cardiac rhythm. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
27	Circulating gastrin is increased in hemochromatosis. FEBS Letters, 2006, 580, 6195-6198.	2.8	11
28	Getting to the Heart of Leftâ€“Right Asymmetry: Contributions from the Zebrafish Model. Journal of Cardiovascular Development and Disease, 2021, 8, 64.	1.6	8
29	Localised Collagen2a1 secretion supports lymphatic endothelial cell migration in the zebrafish embryo. Development (Cambridge), 2020, 147, .	2.5	7
30	Myosin Vb is required for correct trafficking of Nâ€cadherin and cardiac chamber ballooning. Developmental Dynamics, 2019, 248, 284-295.	1.8	6
31	Talkinâ€™ â€˜bout regeneration: new advances in cardiac regeneration using the zebrafish. Current Opinion in Physiology, 2020, 14, 48-55.	1.8	2
32	Endocardial identity is established during early somitogenesis by Bmp signalling acting upstream ofnpas4landetv2. Development (Cambridge), 2022, 149, .	2.5	2