

# Anne M Moon

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

4,328  
citations

117453

34  
h-index

118652

62  
g-index

69  
all docs

69  
docs citations

69  
times ranked

5095  
citing authors

#	ARTICLE	IF	CITATIONS
1	An <i>Fgf8</i> mouse mutant phenocopies human 22q11 deletion syndrome. <i>Development (Cambridge)</i> , 2002, 129, 4591-4603.	1.2	312
2	<i>Fgf8</i> is required for outgrowth and patterning of the limbs. <i>Nature Genetics</i> , 2000, 26, 455-459.	9.4	300
3	Required, tissue-specific roles for <i>Fgf8</i> in outflow tract formation and remodeling. <i>Development (Cambridge)</i> , 2006, 133, 2419-2433.	1.2	235
4	Ablation of specific expression domains reveals discrete functions of ectoderm- and endoderm-derived FGF8 during cardiovascular and pharyngeal development. <i>Development (Cambridge)</i> , 2003, 130, 6361-6374.	1.2	216
5	FGF8 initiates inner ear induction in chick and mouse. <i>Genes and Development</i> , 2005, 19, 603-613.	2.7	177
6	The roles of <i>Fgf4</i> and <i>Fgf8</i> in limb bud initiation and outgrowth. <i>Developmental Biology</i> , 2004, 273, 361-372.	0.9	175
7	Long noncoding RNA PANDA and scaffold-attachment-factor SAFA control senescence entry and exit. <i>Nature Communications</i> , 2014, 5, 5323.	5.8	164
8	An <i>Fgf8</i> mouse mutant phenocopies human 22q11 deletion syndrome. <i>Development (Cambridge)</i> , 2002, 129, 4591-603.	1.2	145
9	<i>Hox</i> genes define distinct progenitor sub-domains within the second heart field. <i>Developmental Biology</i> , 2011, 353, 266-274.	0.9	144
10	<i>Crkl</i> Deficiency Disrupts <i>Fgf8</i> Signaling in a Mouse Model of 22q11 Deletion Syndromes. <i>Developmental Cell</i> , 2006, 10, 71-80.	3.1	138
11	Molecular analysis of coordinated bladder and urogenital organ formation by Hedgehog signaling. <i>Development (Cambridge)</i> , 2007, 134, 525-533.	1.2	134
12	An FGF autocrine loop initiated in second heart field mesoderm regulates morphogenesis at the arterial pole of the heart. <i>Development (Cambridge)</i> , 2008, 135, 3599-3610.	1.2	132
13	A <i>Tbx1-Six1/Eya1-Fgf8</i> genetic pathway controls mammalian cardiovascular and craniofacial morphogenesis. <i>Journal of Clinical Investigation</i> , 2011, 121, 1585-1595.	3.9	123
14	Lethal arrhythmias in <i>Tbx3</i> -deficient mice reveal extreme dosage sensitivity of cardiac conduction system function and homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E154-63.	3.3	113
15	Role of Mesodermal FGF8 and FGF10 Overlaps in the Development of the Arterial Pole of the Heart and Pharyngeal Arch Arteries. <i>Circulation Research</i> , 2010, 106, 495-503.	2.0	108
16	<i>Pitx2</i> , an Atrial Fibrillation Predisposition Gene, Directly Regulates Ion Transport and Intercalated Disc Genes. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 23-32.	5.1	103
17	System for tamoxifen-inducible expression of cre recombinase from the <i>Foxa2</i> locus in mice. <i>Developmental Dynamics</i> , 2008, 237, 447-453.	0.8	95
18	MiR-93 Controls Adiposity via Inhibition of <i>Sirt7</i> and <i>Tbx3</i> . <i>Cell Reports</i> , 2015, 12, 1594-1605.	2.9	95

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19	Dosage-dependent hedgehog signals integrated with Wnt/ $\beta$ -catenin signaling regulate external genitalia formation as an appendicular program. <i>Development (Cambridge)</i> , 2009, 136, 3969-3978.	1.2	88
20	Tbx2 and Tbx3 Act Downstream of Shh to Maintain Canonical Wnt Signaling during Branching Morphogenesis of the Murine Lung. <i>Developmental Cell</i> , 2016, 39, 239-253.	3.1	82
21	Coordinated control of senescence by lncRNA and a novel T-box3 co-repressor complex. <i>ELife</i> , 2014, 3, .	2.8	81
22	FGF8 dose-dependent regulation of embryonic submandibular salivary gland morphogenesis. <i>Developmental Biology</i> , 2004, 268, 457-469.	0.9	68
23	Overlapping functions of Pea3 ETS transcription factors in FGF signaling during zebrafish development. <i>Developmental Biology</i> , 2010, 342, 11-25.	0.9	66
24	<i>Frs2</i> -deficiency in cardiac progenitors disrupts a subset of FGF signals required for outflow tract morphogenesis. <i>Development (Cambridge)</i> , 2008, 135, 3611-3622.	1.2	64
25	Mesodermal Nkx2.5 is necessary and sufficient for early second heart field development. <i>Developmental Biology</i> , 2014, 390, 68-79.	0.9	62
26	A Dynamic Role of TBX3 in the Pluripotency Circuitry. <i>Stem Cell Reports</i> , 2015, 5, 1155-1170.	2.3	57
27	Structure and function of the murine $\beta$ -globin locus control region 5' HS-3. <i>Nucleic Acids Research</i> , 1992, 20, 5771-5778.	6.5	56
28	Pax3 is essential for normal cardiac neural crest morphogenesis but is not required during migration nor outflow tract septation. <i>Developmental Biology</i> , 2011, 356, 308-322.	0.9	55
29	Chapter 4 Mouse Models of Congenital Cardiovascular Disease. <i>Current Topics in Developmental Biology</i> , 2008, 84, 171-248.	1.0	48
30	Early thyroid development requires a Tbx1-Fgf8 pathway. <i>Developmental Biology</i> , 2009, 328, 109-117.	0.9	47
31	Redundant and dosage sensitive requirements for Fgf3 and Fgf10 in cardiovascular development. <i>Developmental Biology</i> , 2011, 356, 383-397.	0.9	47
32	Gene-environment interaction impacts on heart development and embryo survival. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	43
33	Clinical and Biochemical Variation and Family Studies in the Multiple Acyl-CoA Dehydrogenation Disorders. <i>Pediatric Research</i> , 1987, 21, 371-376.	1.1	38
34	Development of a subset of forelimb muscles and their attachment sites requires the ulnar-mammary syndrome gene <i>Tbx3</i> . <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1257-1269.	1.2	38
35	Expression of fibroblast growth factors (Fgfs) in murine tooth development. <i>Journal of Anatomy</i> , 2011, 218, 534-543.	0.9	37
36	Mouse Tbx3 Mutants Suggest Novel Molecular Mechanisms for Ulnar-Mammary Syndrome. <i>PLoS ONE</i> , 2013, 8, e67841.	1.1	34

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37	T-box3 is a ciliary protein and regulates stability of the Gli3 transcription factor to control digit number. <i>ELife</i> , 2016, 5, .	2.8	33
38	TBX2 and TBX3 act downstream of canonical WNT signaling in patterning and differentiation of the mouse ureteric mesenchyme. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	32
39	Regulation of otocyst patterning by <i>Tbx2</i> and <i>Tbx3</i> is required for inner ear morphogenesis in the mouse. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	32
40	TBX3 Regulates Splicing In Vivo: A Novel Molecular Mechanism for Ulnar-Mammary Syndrome. <i>PLoS Genetics</i> , 2014, 10, e1004247.	1.5	31
41	Reduced BMP Signaling Results in Hindlimb Fusion with Lethal Pelvic/Urogenital Organ Aplasia: A New Mouse Model of Sirenomelia. <i>PLoS ONE</i> , 2012, 7, e43453.	1.1	28
42	Functional identity of hypothalamic melanocortin neurons depends on <i>Tbx3</i> . <i>Nature Metabolism</i> , 2019, 1, 222-235.	5.1	27
43	Mouse Models for Investigating the Developmental Basis of Human Birth Defects. <i>Pediatric Research</i> , 2006, 59, 749-755.	1.1	22
44	Hedgehog-FGF signaling axis patterns anterior mesoderm during gastrulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15712-15723.	3.3	21
45	Fetal and postnatal lung defects reveal a novel and required role for <i>Fgf8</i> in lung development. <i>Developmental Biology</i> , 2010, 347, 92-108.	0.9	19
46	Heparan sulfate expression in the neural crest is essential for mouse cardiogenesis. <i>Matrix Biology</i> , 2014, 35, 253-265.	1.5	19
47	Genetic analysis of the role of <i>Alx4</i> in the coordination of lower body and external genitalia formation. <i>European Journal of Human Genetics</i> , 2014, 22, 350-357.	1.4	18
48	System for inducible expression of cre-recombinase from the <i>Foxa2</i> locus in endoderm, notochord, and floor plate. <i>Developmental Dynamics</i> , 2007, 236, 1085-1092.	0.8	16
49	Loss of <i>Tbx3</i> in murine neural crest reduces enteric glia and causes cleft palate, but does not influence heart development or bowel transit. <i>Developmental Biology</i> , 2018, 444, S337-S351.	0.9	15
50	Disruption of G-Protein $\beta 5$ Subtype Causes Embryonic Lethality in Mice. <i>PLoS ONE</i> , 2014, 9, e90970.	1.1	14
51	Delta-like ligand-4 mediated Notch signaling controls proliferation of second heart field progenitor cells by regulating <i>Fgf8</i> expression. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	14
52	Inhibiting an RBM39/MLL1 epigenomic regulatory complex with dominant-negative peptides disrupts cancer cell transcription and proliferation. <i>Cell Reports</i> , 2021, 35, 109156.	2.9	14
53	<sup>14</sup> C-labeled substrate catabolism by human diploid fibroblasts derived from infants and adults. <i>Biochemical Medicine</i> , 1985, 34, 182-188.	0.5	9
54	<i>Fgf8</i> genetic labeling reveals the early specification of vestibular hair cell type in mouse utricle. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	9

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55	Novel Cell-Penetrating Peptides Derived From Scaffold-Attachment- Factor A Inhibits Cancer Cell Proliferation and Survival. <i>Frontiers in Oncology</i> , 2021, 11, 621825.	1.3	7
56	<i>Fgf8</i> dosage regulates jaw shape and symmetry through pharyngeal-cardiac tissue relationships. <i>Developmental Dynamics</i> , 2022, 251, 1711-1727.	0.8	6
57	Influence of mesodermal <i>Fgf8</i> on the differentiation of neural crest-derived postganglionic neurons. <i>Developmental Biology</i> , 2012, 361, 125-136.	0.9	5
58	hnRNPK-derived cell-penetrating peptide inhibits cancer cell survival. <i>Molecular Therapy - Oncolytics</i> , 2021, 23, 342-354.	2.0	5
59	Cloning and characterization of an abundant <i>Plasmodium knowlesi</i> antigen which cross reacts with Gambian sera. <i>Molecular and Biochemical Parasitology</i> , 1987, 25, 185-193.	0.5	3
60	Development of a subset of forelimb muscles and their attachment sites requires the ulnar-mammary syndrome gene <i>Tbx3</i> . <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	1.2	2
61	Complex functional redundancy of <i>Tbx2</i> and <i>Tbx3</i> in mouse limb development. <i>Developmental Dynamics</i> , 2022, 251, 1613-1627.	0.8	2
62	Function of Transfected Globin Promoters and the Globin Locus Activator in K562 Erythroleukemia Cells. <i>Annals of the New York Academy of Sciences</i> , 1990, 612, 207-214.	1.8	1
63	Myocardial wall stiffening in a mouse model of persistent truncus arteriosus. <i>PLoS ONE</i> , 2017, 12, e0184678.	1.1	1
64	<i>Tbx3</i> -Mediated Regulation of Cardiac Conduction System Development and Function: Potential Contributions of Alternative RNA Processing. <i>Pediatric Cardiology</i> , 2019, 40, 1388-1400.	0.6	0
65	The role of <i>Fgf8</i> in cardiovascular development and human congenital heart disease. <i>FASEB Journal</i> , 2007, 21, A34.	0.2	0
66	A novel role for <i>Tbx3</i> in regulating digit number in the developing limb by <i>Shh</i> dependent and independent mechanisms. <i>FASEB Journal</i> , 2013, 27, .	0.2	0