Tony DeFalco

List of Publications by Year in Descending Order

35 papers	1,576 citations	20 h-index	39 g-index
41 ext. papers	1,971 ext. citations	6.2 avg, IF	4.99 L-index

#	Paper	IF	Citations
35	Immune Cells as Critical Regulators of Steroidogenesis in the Testis and Beyond.. *Frontiers in Endocrinology*, **2022**, 13, 894437	5.7	0
34	Cdc42 activity in Sertoli cells is essential for maintenance of spermatogenesis. *Cell Reports*, **2021**, 37, 109885	10.6	2
33	Immune and vascular contributions to organogenesis of the testis and ovary. *FEBS Journal*, **2021**,	5.7	5
32	Loss of Mafb and Maf distorts myeloid cell ratios and disrupts fetal mouse testis vascularization and organogenesis *Biology of Reproduction*, **2021**, 105, 958-975	3.9	1
31	Sexual fate of murine external genitalia development: Conserved transcriptional competency for male-biased genes in both sexes. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
30	FANCD2 is required for the repression of germline transposable elements. *Reproduction*, **2020**, 159, 659-668	3.8	4
29	Essential roles of interstitial cells in testicular development and function. *Andrology*, **2020**, 8, 903-914	4.2	30
28	Distinct Roles for Rac1 in Sertoli Cell Function during Testicular Development and Spermatogenesis. *Cell Reports*, **2020**, 31, 107513	10.6	10
27	Inhibiting Fibronectin Attenuates Fibrosis and Improves Cardiac Function in a Model of Heart Failure. *Circulation*, **2018**, 138, 1236-1252	16.7	93
26	Macrophage Transitions in Heart Valve Development and Myxomatous Valve Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 636-644	9.4	35
25	A perivascular niche for multipotent progenitors in the fetal testis. *Nature Communications*, **2018**, 9, 4519	17.4	32
24	Role of the testis interstitial compartment in spermatogonial stem cell function. *Reproduction*, **2017**, 153, R151-R162	3.8	60
23	Of Mice and Men: In Vivo and In Vitro Studies of Primordial Germ Cell Specification. *Seminars in Reproductive Medicine*, **2017**, 35, 139-146	1.4	7
22	Numb regulates somatic cell lineage commitment during early gonadogenesis in mice. *Development (Cambridge)*, **2017**, 144, 1607-1618	6.6	24
21	Extragonadal oocytes residing in the mouse ovarian hilum contribute to fertility. *Biology of Reproduction*, **2017**, 96, 1060-1070	3.9	1
20	Sex Determination. *Endocrinology*, **2017**, 169-216	0.1	
19	Sex Determination. *Endocrinology*, **2017**, 1-49	0.1	

18	Origin and Differentiation of Androgen-Producing Cells in the Gonads. *Results and Problems in Cell Differentiation*, **2016**, 58, 101-34	1.4	8
17	Macrophages Contribute to the Spermatogonial Niche in the Adult Testis. *Cell Reports*, **2015**, 12, 1107-19	10.6	168
16	Using Ex Vivo Upright Droplet Cultures of Whole Fetal Organs to Study Developmental Processes during Mouse Organogenesis. *Journal of Visualized Experiments*, **2015**, e53262	1.6	5
15	DMRT1 keeps masculinity intact. *Developmental Cell*, **2014**, 29, 503-504	10.2	2
14	Lactoferrin-iCre: a new mouse line to study uterine epithelial gene function. *Endocrinology*, **2014**, 155, 2718-24	4.8	52
13	Yolk-sac-derived macrophages regulate fetal testis vascularization and morphogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E2384-93	11.5	108
12	Constitutive activation of NOTCH1 signaling in Sertoli cells causes gonocyte exit from quiescence. *Developmental Biology*, **2013**, 377, 188-201	3.1	60
11	Testosterone levels influence mouse fetal Leydig cell progenitors through notch signaling. *Biology of Reproduction*, **2013**, 88, 91	3.9	53
10	Testis formation in the fetal mouse: dynamic and complex de novo tubulogenesis. *Wiley Interdisciplinary Reviews: Developmental Biology*, **2012**, 1, 847-59	5.9	55
9	Temporal transcriptional profiling of somatic and germ cells reveals biased lineage priming of sexual fate in the fetal mouse gonad. *PLoS Genetics*, **2012**, 8, e1002575	6	205
8	Vascular-mesenchymal cross-talk through Vegf and Pdgf drives organ patterning. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 167-72	11.5	83
7	Two distinct origins for Leydig cell progenitors in the fetal testis. *Developmental Biology*, **2011**, 352, 14-26	3.1	124
6	Sox100B, a Drosophila group E Sox-domain gene, is required for somatic testis differentiation. *Sexual Development*, **2009**, 3, 26-37	1.6	47
5	Gonad morphogenesis in vertebrates: divergent means to a convergent end. *Annual Review of Cell and Developmental Biology*, **2009**, 25, 457-82	12.6	117
4	Nonautonomous sex determination controls sexually dimorphic development of the Drosophila gonad. *Developmental Cell*, **2008**, 14, 275-86	10.2	48
3	Abdominal-B is essential for proper sexually dimorphic development of the Drosophila gonad. *Mechanisms of Development*, **2004**, 121, 1323-33	1.7	40
2	Sex-specific apoptosis regulates sexual dimorphism in the Drosophila embryonic gonad. *Developmental Cell*, **2003**, 5, 205-16	10.2	88
1	Purine composition of the crystalline cytoplasmic inclusions of Paramecium tetraurelia. *Protist*, **2002**, 153, 39-45	2.5	8