

Tony DeFalco

List of Publications by Citations

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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.

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	Temporal transcriptional profiling of somatic and germ cells reveals biased lineage priming of sexual fate in the fetal mouse gonad. <i>PLoS Genetics</i> , 2012 , 8, e1002575	6	205
34	Macrophages Contribute to the Spermatogonial Niche in the Adult Testis. <i>Cell Reports</i> , 2015 , 12, 1107-1110.6	10.6	168
33	Two distinct origins for Leydig cell progenitors in the fetal testis. <i>Developmental Biology</i> , 2011 , 352, 14-26.1	26.1	124
32	Gonad morphogenesis in vertebrates: divergent means to a convergent end. <i>Annual Review of Cell and Developmental Biology</i> , 2009 , 25, 457-82	12.6	117
31	Yolk-sac-derived macrophages regulate fetal testis vascularization and morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2384-93	11.5	108
30	Inhibiting Fibronectin Attenuates Fibrosis and Improves Cardiac Function in a Model of Heart Failure. <i>Circulation</i> , 2018 , 138, 1236-1252	16.7	93
29	Sex-specific apoptosis regulates sexual dimorphism in the Drosophila embryonic gonad. <i>Developmental Cell</i> , 2003 , 5, 205-16	10.2	88
28	Vascular-mesenchymal cross-talk through Vegf and Pdgf drives organ patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 167-72	11.5	83
27	Role of the testis interstitial compartment in spermatogonial stem cell function. <i>Reproduction</i> , 2017 , 153, R151-R162	3.8	60
26	Constitutive activation of NOTCH1 signaling in Sertoli cells causes gonocyte exit from quiescence. <i>Developmental Biology</i> , 2013 , 377, 188-201	3.1	60
25	Testis formation in the fetal mouse: dynamic and complex de novo tubulogenesis. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012 , 1, 847-59	5.9	55
24	Testosterone levels influence mouse fetal Leydig cell progenitors through notch signaling. <i>Biology of Reproduction</i> , 2013 , 88, 91	3.9	53
23	Lactoferrin-iCre: a new mouse line to study uterine epithelial gene function. <i>Endocrinology</i> , 2014 , 155, 2718-24	4.8	52
22	Nonautonomous sex determination controls sexually dimorphic development of the Drosophila gonad. <i>Developmental Cell</i> , 2008 , 14, 275-86	10.2	48
21	Sox100B, a Drosophila group E Sox-domain gene, is required for somatic testis differentiation. <i>Sexual Development</i> , 2009 , 3, 26-37	1.6	47
20	Abdominal-B is essential for proper sexually dimorphic development of the Drosophila gonad. <i>Mechanisms of Development</i> , 2004 , 121, 1323-33	1.7	40
19	Macrophage Transitions in Heart Valve Development and Myxomatous Valve Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 636-644	9.4	35

18	A perivascular niche for multipotent progenitors in the fetal testis. <i>Nature Communications</i> , 2018 , 9, 4519-4527	7.4	32
17	Essential roles of interstitial cells in testicular development and function. <i>Andrology</i> , 2020 , 8, 903-914	4.2	30
16	Numb regulates somatic cell lineage commitment during early gonadogenesis in mice. <i>Development (Cambridge)</i> , 2017 , 144, 1607-1618	6.6	24
15	Distinct Roles for Rac1 in Sertoli Cell Function during Testicular Development and Spermatogenesis. <i>Cell Reports</i> , 2020 , 31, 107513	10.6	10
14	Origin and Differentiation of Androgen-Producing Cells in the Gonads. <i>Results and Problems in Cell Differentiation</i> , 2016 , 58, 101-34	1.4	8
13	Purine composition of the crystalline cytoplasmic inclusions of <i>Paramecium tetraurelia</i> . <i>Protist</i> , 2002 , 153, 39-45	2.5	8
12	Of Mice and Men: In Vivo and In Vitro Studies of Primordial Germ Cell Specification. <i>Seminars in Reproductive Medicine</i> , 2017 , 35, 139-146	1.4	7
11	Using Ex Vivo Upright Droplet Cultures of Whole Fetal Organs to Study Developmental Processes during Mouse Organogenesis. <i>Journal of Visualized Experiments</i> , 2015 , e53262	1.6	5
10	Immune and vascular contributions to organogenesis of the testis and ovary. <i>FEBS Journal</i> , 2021 ,	5.7	5
9	FANCD2 is required for the repression of germline transposable elements. <i>Reproduction</i> , 2020 , 159, 659-688	5.88	4
8	DMRT1 keeps masculinity intact. <i>Developmental Cell</i> , 2014 , 29, 503-504	10.2	2
7	Cdc42 activity in Sertoli cells is essential for maintenance of spermatogenesis. <i>Cell Reports</i> , 2021 , 37, 109885	10.6	2
6	Extragonadal oocytes residing in the mouse ovarian hilum contribute to fertility. <i>Biology of Reproduction</i> , 2017 , 96, 1060-1070	3.9	1
5	Loss of Mafb and Maf distorts myeloid cell ratios and disrupts fetal mouse testis vascularization and organogenesis. <i>Biology of Reproduction</i> , 2021 , 105, 958-975	3.9	1
4	Sexual fate of murine external genitalia development: Conserved transcriptional competency for male-biased genes in both sexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
3	Immune Cells as Critical Regulators of Steroidogenesis in the Testis and Beyond. <i>Frontiers in Endocrinology</i> , 2022 , 13, 894437	5.7	0
2	Sex Determination. <i>Endocrinology</i> , 2017 , 169-216	0.1	
1	Sex Determination. <i>Endocrinology</i> , 2017 , 1-49	0.1	

