

# Pradeep Reddy

## 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.

33  
papers

3,661  
citations

24  
h-index

33  
g-index

33  
ext. papers

4,429  
ext. citations

19  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
33	Oocyte-specific deletion of Pten causes premature activation of the primordial follicle pool. <i>Science</i> , <b>2008</b> , 319, 611-3	33.3	578
32	In Vivo Amelioration of Age-Associated Hallmarks by Partial Reprogramming. <i>Cell</i> , <b>2016</b> , 167, 1719-1733.e12	56.2	343
31	Aging stem cells. A Werner syndrome stem cell model unveils heterochromatin alterations as a driver of human aging. <i>Science</i> , <b>2015</b> , 348, 1160-3	33.3	320
30	Interspecies Chimerism with Mammalian Pluripotent Stem Cells. <i>Cell</i> , <b>2017</b> , 168, 473-486.e15	56.2	289
29	In Vivo Target Gene Activation via CRISPR/Cas9-Mediated Trans-epigenetic Modulation. <i>Cell</i> , <b>2017</b> , 171, 1495-1507.e15	56.2	250
28	PDK1 signaling in oocytes controls reproductive aging and lifespan by manipulating the survival of primordial follicles. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 2813-24	5.6	190
27	Selective elimination of mitochondrial mutations in the germline by genome editing. <i>Cell</i> , <b>2015</b> , 161, 459-469	56.2	187
26	Mechanisms maintaining the dormancy and survival of mammalian primordial follicles. <i>Trends in Endocrinology and Metabolism</i> , <b>2010</b> , 21, 96-103	8.8	161
25	Infertility caused by retardation of follicular development in mice with oocyte-specific expression of Foxo3a. <i>Development (Cambridge)</i> , <b>2007</b> , 134, 199-209	6.6	161
24	Control of mammalian oocyte growth and early follicular development by the oocyte PI3 kinase pathway: new roles for an old timer. <i>Developmental Biology</i> , <b>2006</b> , 299, 1-11	3.1	158
23	Identification of novel long noncoding RNAs underlying vertebrate cardiovascular development. <i>Circulation</i> , <b>2015</b> , 131, 1278-1290	16.7	146
22	Activation of Akt (PKB) and suppression of FKHL1 in mouse and rat oocytes by stem cell factor during follicular activation and development. <i>Developmental Biology</i> , <b>2005</b> , 281, 160-70	3.1	125
21	p27kip1 (cyclin-dependent kinase inhibitor 1B) controls ovarian development by suppressing follicle endowment and activation and promoting follicle atresia in mice. <i>Molecular Endocrinology</i> , <b>2007</b> , 21, 2189-202		113
20	Formation of E-cadherin-mediated cell-cell adhesion activates AKT and mitogen activated protein kinase via phosphatidylinositol 3 kinase and ligand-independent activation of epidermal growth factor receptor in ovarian cancer cells. <i>Molecular Endocrinology</i> , <b>2005</b> , 19, 2564-78		107
19	Oocyte-specific deletion of Pten in mice reveals a stage-specific function of PTEN/PI3K signaling in oocytes in controlling follicular activation. <i>PLoS ONE</i> , <b>2009</b> , 4, e6186	3.7	87
18	In vivo reprogramming of wound-resident cells generates skin epithelial tissue. <i>Nature</i> , <b>2018</b> , 561, 243-247.	47.4	66
17	Single-dose CRISPR-Cas9 therapy extends lifespan of mice with Hutchinson-Gilford progeria syndrome. <i>Nature Medicine</i> , <b>2019</b> , 25, 419-422	50.5	62

16	Genetically modified mouse models for premature ovarian failure (POF). <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 315, 1-10	4.4	59
15	Multi-functional norrin is a ligand for the LGR4 receptor. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 2060-8	5.3	48
14	Actin cytoskeleton regulates Hippo signaling. <i>PLoS ONE</i> , <b>2013</b> , 8, e73763	3.7	43
13	Anti-Aging Strategies Based on Cellular Reprogramming. <i>Trends in Molecular Medicine</i> , <b>2016</b> , 22, 725-738	11.5	42
12	Establishment of human iPSC-based models for the study and targeting of glioma initiating cells. <i>Nature Communications</i> , <b>2016</b> , 7, 10743	17.4	42
11	Precise in vivo genome editing via single homology arm donor mediated intron-targeting gene integration for genetic disease correction. <i>Cell Research</i> , <b>2019</b> , 29, 804-819	24.7	26
10	Phosphorylation and inactivation of glycogen synthase kinase-3 by soluble kit ligand in mouse oocytes during early follicular development. <i>Journal of Molecular Endocrinology</i> , <b>2007</b> , 38, 137-46	4.5	26
9	In vivo partial reprogramming of myofibers promotes muscle regeneration by remodeling the stem cell niche. <i>Nature Communications</i> , <b>2021</b> , 12, 3094	17.4	11
8	In vivo partial reprogramming alters age-associated molecular changes during physiological aging in mice. <i>Nature Aging</i> , <b>2022</b> , 2, 243-253		7
7	KLTHO and sTGF $\beta$ 2 treatment counteract the osteoarthritic phenotype developed in a rat model. <i>Protein and Cell</i> , <b>2020</b> , 11, 219-226	7.2	6
6	Use of Customizable Nucleases for Gene Editing and Other Novel Applications. <i>Genes</i> , <b>2020</b> , 11,	4.2	5
5	Mutations in foregut SOX2 cells induce efficient proliferation via CXCR2 pathway. <i>Protein and Cell</i> , <b>2019</b> , 10, 485-495	7.2	1
4	Unlocking Tissue Regenerative Potential by Epigenetic Reprogramming. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 5-7	18	1
3	In vivo partial cellular reprogramming enhances liver plasticity and regeneration.. <i>Cell Reports</i> , <b>2022</b> , 39, 110730	10.6	1
2	First progeria monkey model generated using base editor. <i>Protein and Cell</i> , <b>2020</b> , 11, 862-865	7.2	0
1	Myc Supports Self-Renewal of Basal Cells in the Esophageal Epithelium.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 786031	5.7	