

# Reyna Hernandez-Benitez

## 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.

24  
papers

1,142  
citations

13  
h-index

26  
g-index

26  
ext. papers

1,499  
ext. citations

14.7  
avg, IF

3.74  
L-index

#	Paper	IF	Citations
24	In vivo genome editing via CRISPR/Cas9 mediated homology-independent targeted integration. <i>Nature</i> , <b>2016</b> , 540, 144-149	50.4	645
23	In vivo reprogramming of wound-resident cells generates skin epithelial tissue. <i>Nature</i> , <b>2018</b> , 561, 243-247.	47.4	66
22	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
21	Taurine stimulates proliferation and promotes neurogenesis of mouse adult cultured neural stem/progenitor cells. <i>Stem Cell Research</i> , <b>2012</b> , 9, 24-34	1.6	50
20	Thrombin potently enhances swelling-sensitive glutamate efflux from cultured astrocytes. <i>Glia</i> , <b>2007</b> , 55, 917-25	9	45
19	Integration of CpG-free DNA induces de novo methylation of CpG islands in pluripotent stem cells. <i>Science</i> , <b>2017</b> , 356, 503-508	33.3	38
18	Taurine stimulates proliferation of mice embryonic cultured neural progenitor cells. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 1673-81	4.4	36
17	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
16	Taurine and brain development: trophic or cytoprotective actions?. <i>Neurochemical Research</i> , <b>2010</b> , 35, 1939-43	4.6	26
15	Chimeric contribution of human extended pluripotent stem cells to monkey embryos ex vivo. <i>Cell</i> , <b>2021</b> , 184, 2020-2032.e14	56.2	26
14	Taurine enhances the growth of neural precursors derived from fetal human brain and promotes neuronal specification. <i>Developmental Neuroscience</i> , <b>2013</b> , 35, 40-9	2.2	22
13	On the role of G-protein coupled receptors in cell volume regulation. <i>Cellular Physiology and Biochemistry</i> , <b>2008</b> , 21, 1-14	3.9	20
12	Multiple mechanisms mediate the taurine-induced proliferation of neural stem/progenitor cells from the subventricular zone of the adult mouse. <i>Stem Cell Research</i> , <b>2014</b> , 12, 690-702	1.6	19
11	Taurine enhances proliferation and promotes neuronal specification of murine and human neural stem/progenitor cells. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 803, 457-72	3.6	12
10	Thrombin potentiates D-aspartate efflux from cultured astrocytes under conditions of K <sup>+</sup> homeostasis disruption. <i>Journal of Neurochemistry</i> , <b>2009</b> , 111, 1398-408	6	11
9	Thrombin-facilitated efflux of D-[3H]-aspartate from cultured astrocytes and neurons under hyponatremia and chemical ischemia. <i>Neurochemical Research</i> , <b>2014</b> , 39, 1219-31	4.6	7
8	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

7	Regulatory volume decrease in neural precursor cells: taurine efflux and gene microarray analysis. <i>Cellular Physiology and Biochemistry</i> , <b>2014</b> , 34, 2038-48	3.9	6
6	Potentiation by thrombin of hyposmotic glutamate and taurine efflux from cultured astrocytes: signalling chains. <i>Neurochemical Research</i> , <b>2008</b> , 33, 1518-24	4.6	5
5	Functional expression and subcellular localization of the taurine transporter TauT in murine neural precursors. <i>Developmental Neuroscience</i> , <b>2010</b> , 32, 321-8	2.2	4
4	Cross-species metabolomic analysis identifies uridine as a potent regeneration promoting factor.. <i>Cell Discovery</i> , <b>2022</b> , 8, 6	22.3	4
3	At the Heart of Genome Editing and Cardiovascular Diseases. <i>Circulation Research</i> , <b>2018</b> , 123, 221-223	15.7	3
2	In vivo partial cellular reprogramming enhances liver plasticity and regeneration.. <i>Cell Reports</i> , <b>2022</b> , 39, 110730	10.6	1
1	First progeria monkey model generated using base editor. <i>Protein and Cell</i> , <b>2020</b> , 11, 862-865	7.2	0