

Xiaolei Yin

List of Publications by Year in Descending Order

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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.

22
papers

3,176
citations

17
h-index

22
g-index

22
ext. papers

3,613
ext. citations

12.2
avg. IF

4.63
L-index

#	Paper	IF	Citations
22	Robust differentiation of human enteroendocrine cells from intestinal stem cells.. <i>Nature Communications</i> , 2022 , 13, 261	17.4	0
21	Towards a defined ECM and small molecule based monolayer culture system for the expansion of mouse and human intestinal stem cells. <i>Biomaterials</i> , 2018 , 154, 60-73	15.6	24
20	Harnessing single-cell genomics to improve the physiological fidelity of organoid-derived cell types. <i>BMC Biology</i> , 2018 , 16, 62	7.3	22
19	Clonal Expansion of Lgr5-Positive Cells from Mammalian Cochlea and High-Purity Generation of Sensory Hair Cells. <i>Cell Reports</i> , 2017 , 18, 1917-1929	10.6	103
18	Culturing human intestinal stem cells for regenerative applications in the treatment of inflammatory bowel disease. <i>EMBO Molecular Medicine</i> , 2017 , 9, 558-570	12	54
17	Engineering Organoid Systems to Model Health and Disease. <i>Molecular and Translational Medicine</i> , 2017 , 197-226	0.4	
16	Triggerable tough hydrogels for gastric resident dosage forms. <i>Nature Communications</i> , 2017 , 8, 124	17.4	74
15	Engineering Stem Cell Organoids. <i>Cell Stem Cell</i> , 2016 , 18, 25-38	18	494
14	Application of biomaterials to advance induced pluripotent stem cell research and therapy. <i>EMBO Journal</i> , 2015 , 34, 987-1008	13	64
13	Stomaching Notch. <i>EMBO Journal</i> , 2015 , 34, 2489-91	13	1
12	Niche-independent high-purity cultures of Lgr5+ intestinal stem cells and their progeny. <i>Nature Methods</i> , 2014 , 11, 106-12	21.6	332
11	Generation of iPSCs from mouse fibroblasts with a single gene, Oct4, and small molecules. <i>Cell Research</i> , 2011 , 21, 196-204	24.7	247
10	Efficient generation of hepatocyte-like cells from human induced pluripotent stem cells. <i>Cell Research</i> , 2009 , 19, 1233-42	24.7	398
9	Highly efficient differentiation of human ES cells and iPS cells into mature pancreatic insulin-producing cells. <i>Cell Research</i> , 2009 , 19, 429-38	24.7	458
8	Two supporting factors greatly improve the efficiency of human iPSC generation. <i>Cell Stem Cell</i> , 2008 , 3, 475-9	18	374
7	Neutralizing antibodies in patients with severe acute respiratory syndrome-associated coronavirus infection. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1119-26	7	122
6	Identification of an antigenic determinant on the S2 domain of the severe acute respiratory syndrome coronavirus spike glycoprotein capable of inducing neutralizing antibodies. <i>Journal of Virology</i> , 2004 , 78, 6938-45	6.6	115

5	Suppression of SARS-CoV entry by peptides corresponding to heptad regions on spike glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 746-746	3-4	
4	Expression cloning of functional receptor used by SARS coronavirus. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 315, 439-44	3-4	122
3	Suppression of SARS-CoV entry by peptides corresponding to heptad regions on spike glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 746-52	3-4	84
2	Highly infectious SARS-CoV pseudotyped virus reveals the cell tropism and its correlation with receptor expression. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 994-1000	3-4	87
1	Robust differentiation of human enteroendocrine cells from intestinal stem cells		1