

# Yong Fan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5797438/publications.pdf>

Version: 2024-02-01

21  
papers

843  
citations

623188

14  
h-index

713013

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone demethylase KDM4A overexpression improved the efficiency of corrected human trippronuclear zygote development. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	3
2	Generation of human blastocyst-like structures from pluripotent stem cells. <i>Cell Discovery</i> , 2021, 7, 81.	3.1	73
3	Inhibition of Apoptosis Reduces Diploidization of Haploid Mouse Embryonic Stem Cells during Differentiation. <i>Stem Cell Reports</i> , 2020, 15, 185-197.	2.3	20
4	A lncRNA-miRNA-mRNA network for human primed, naive and extended pluripotent stem cells. <i>PLoS ONE</i> , 2020, 15, e0234628.	1.1	8
5	Organoid cultures of MELAS neural cells reveal hyperactive Notch signaling that impacts neurodevelopment. <i>Cell Death and Disease</i> , 2020, 11, 182.	2.7	26
6	Transcriptomic and open chromatin atlas of high-resolution anatomical regions in the rhesus macaque brain. <i>Nature Communications</i> , 2020, 11, 474.	5.8	32
7	Mitochondrial 3243Aâ€%>â€%G mutation confers pro-atherogenic and pro-inflammatory properties in MELAS iPS derived endothelial cells. <i>Cell Death and Disease</i> , 2019, 10, 802.	2.7	23
8	Human germline editing: Insights to future clinical treatment of diseases. <i>Protein and Cell</i> , 2019, 10, 470-475.	4.8	3
9	Derivation of Haploid Trophoblast Stem Cells via Conversion InÂVitro. <i>IScience</i> , 2019, 11, 508-518.	1.9	24
10	Neuroendocrine characteristics of induced pluripotent stem cells from polycystic ovary syndrome women. <i>Protein and Cell</i> , 2019, 10, 526-532.	4.8	4
11	Targeted elimination of mutant mitochondrial DNA in MELAS-iPSCs by mitoTALENs. <i>Protein and Cell</i> , 2018, 9, 283-297.	4.8	96
12	Cell cycle inhibitors protect motor neurons in an organoid model of Spinal Muscular Atrophy. <i>Cell Death and Disease</i> , 2018, 9, 1100.	2.7	72
13	One-Step Biallelic and Scarless Correction of a $\beta^0$ -Thalassemia Mutation in Patient-Specific iPSCs without Drug Selection. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 6, 57-67.	2.3	45
14	Addressing challenges in the clinical applications associated with CRISPR/Cas9 technology and ethical questions to prevent its misuse. <i>Protein and Cell</i> , 2017, 8, 791-795.	4.8	27
15	Introducing precise genetic modifications into human 3PN embryos by CRISPR/Cas-mediated genome editing. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 581-588.	1.2	242
16	Genetically humanized pigs exclusively expressing human insulin are generated through custom endonuclease-mediated seamless engineering. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 174-177.	1.5	41
17	Effects of Integrating and Non-Integrating Reprogramming Methods on Copy Number Variation and Genomic Stability of Human Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0131128.	1.1	57
18	Improved Efficiency of Microsurgical Enucleated Trippronuclear Zygotes Development and Embryonic Stem Cell Derivation by Supplementing Epidermal Growth Factor, Brain-Derived Neurotrophic Factor, and Insulin-Like Growth Factor-1. <i>Stem Cells and Development</i> , 2014, 23, 563-575.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Diploid, but not haploid, human embryonic stem cells can be derived from microsurgically repaired tripronuclear human zygotes. <i>Cell Cycle</i> , 2013, 12, 302-311.	1.3	8
20	Similar DNA Methylation and Histone H3 Lysine 9 Dimethylation Patterns in Tripronuclear and Corrected Bipronuclear Human Zygotes. <i>Journal of Reproduction and Development</i> , 2010, 56, 324-329.	0.5	5
21	A Modified Culture Medium Increases Blastocyst Formation and the Efficiency of Human Embryonic Stem Cell Derivation from Poor-Quality Embryos. <i>Journal of Reproduction and Development</i> , 2010, 56, 533-539.	0.5	25