

# Ryan Hicks

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4008176/publications.pdf>

Version: 2024-02-01

28  
papers

880  
citations

516710

16  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding non-random mutational signatures at Cas9 targeted sites. <i>Nucleic Acids Research</i> , 2018, 46, 8417-8434.	14.5	85
2	CSF/serum albumin ratio in dementias: a cross-sectional study on 1861 patients. <i>Neurobiology of Aging</i> , 2017, 59, 1-9.	3.1	84
3	Human iPS-Derived Astroglia from a Stable Neural Precursor State Show Improved Functionality Compared with Conventional Astrocytic Models. <i>Stem Cell Reports</i> , 2018, 10, 1030-1045.	4.8	81
4	Barrier Properties and Transcriptome Expression in Human iPSC-Derived Models of the Blood-Brain Barrier. <i>Stem Cells</i> , 2018, 36, 1816-1827.	3.2	81
5	A CRISP(e)R view on kidney organoids allows generation of an induced pluripotent stem cell-derived kidney model for drug discovery. <i>Kidney International</i> , 2018, 94, 1099-1110.	5.2	60
6	In vivo genome and base editing of a human PCSK9 knock-in hypercholesterolemic mouse model. <i>BMC Biology</i> , 2019, 17, 4.	3.8	59
7	Rapid establishment of the European Bank for induced Pluripotent Stem Cells (EBiSC) - the Hot Start experience. <i>Stem Cell Research</i> , 2017, 20, 105-114.	0.7	51
8	Models of the blood-brain barrier using iPSC-derived cells. <i>Molecular and Cellular Neurosciences</i> , 2020, 107, 103533.	2.2	44
9	Improvements to the throughput of recombinant protein expression in the baculovirus/insect cell system. <i>Protein Expression and Purification</i> , 2005, 42, 29-36.	1.3	37
10	Small molecule inducers of ABCA1 and apoE that act through indirect activation of the LXR pathway. <i>Journal of Lipid Research</i> , 2018, 59, 830-842.	4.2	35
11	Humanizing Miniature Hearts through 4-Flow Cannulation Perfusion Decellularization and Recellularization. <i>Scientific Reports</i> , 2018, 8, 7458.	3.3	32
12	Extracellular vesicles from human pancreatic islets suppress human islet amyloid polypeptide amyloid formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11127-11132.	7.1	31
13	Diabetic Cardiomyopathy Modelling Using Induced Pluripotent Stem Cell Derived Cardiomyocytes: Recent Advances and Emerging Models. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 13-22.	5.6	25
14	Single-cell study of neural stem cells derived from human iPSCs reveals distinct progenitor populations with neurogenic and gliogenic potential. <i>Genes To Cells</i> , 2019, 24, 836-847.	1.2	24
15	Optimised generation of iPSC-derived macrophages and dendritic cells that are functionally and transcriptionally similar to their primary counterparts. <i>PLoS ONE</i> , 2020, 15, e0243807.	2.5	22
16	Utilizing microphysiological systems and induced pluripotent stem cells for disease modeling: a case study for blood brain barrier research in a pharmaceutical setting. <i>Advanced Drug Delivery Reviews</i> , 2019, 140, 129-135.	13.7	20
17	NKX6.1 induced pluripotent stem cell reporter lines for isolation and analysis of functionally relevant neuronal and pancreas populations. <i>Stem Cell Research</i> , 2018, 29, 220-231.	0.7	18
18	3D-Models of Insulin-Producing $\beta^2$ -Cells: from Primary Islet Cells to Stem Cell-Derived Islets. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 177-188.	5.6	15

#	ARTICLE	IF	CITATIONS
19	Cell banking for pharmaceutical research. Drug Discovery Today, 2014, 19, 1518-1529.	6.4	13
20	Axl receptor tyrosine kinase is a regulator of apolipoprotein E. Molecular Brain, 2020, 13, 66.	2.6	12
21	Human pancreatic islet-derived extracellular vesicles modulate insulin expression in 3D-differentiating iPSC clusters. PLoS ONE, 2017, 12, e0187665.	2.5	10
22	Enhanced xeno-free differentiation of hiPSC-derived astroglia applied in a blood-brain barrier model. Fluids and Barriers of the CNS, 2019, 16, 27.	5.0	8
23	Umbilical Cord Tissue as a Source of Young Cells for the Derivation of Induced Pluripotent Stem Cells Using Non-Integrating Episomal Vectors and Feeder-Free Conditions. Cells, 2021, 10, 49.	4.1	8
24	Rapid target validation in a Cas9-inducible hiPSC derived kidney model. Scientific Reports, 2021, 11, 16532.	3.3	7
25	Repositioning of a novel GABA-B receptor agonist, AZD3355 (Lesogaberan), for the treatment of non-alcoholic steatohepatitis. Scientific Reports, 2021, 11, 20827.	3.3	7
26	Identification and analyses of inhibitors targeting apolipoprotein(a) kringle domains KIV-7, KIV-10, and KV provide insight into kringle domain function. Journal of Biological Chemistry, 2020, 295, 5136-5151.	3.4	6
27	hiPSC-Derived Astroglia Model Shows Temporal Transcriptomic Profile Related to Human Neural Development and Glia Competence Acquisition of a Maturing Astrocytic Identity. Advanced Biology, 2020, 4, e1900226.	3.0	4
28	P0658MATRIX AND FLOW MODULATE GENE EXPRESSION IN A 3D VASCULARISED TUBULE MODEL. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0