

# Holger A Russ

## List of Publications by Year in descending order

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29  
papers

2,865  
citations

394421  
19  
h-index

477307  
29  
g-index

32  
all docs

32  
docs citations

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times ranked

4097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic Memory and Preferential Lineage-Specific Differentiation in Induced Pluripotent Stem Cells Derived from Human Pancreatic Islet Beta Cells. <i>Cell Stem Cell</i> , 2011, 9, 17-23.	11.1	563
2	Controlled induction of human pancreatic progenitors produces functional beta-like cells <i>in vitro</i> . <i>EMBO Journal</i> , 2015, 34, 1759-1772.	7.8	481
3	Recapitulating endocrine cell clustering in culture promotes maturation of human stem-cell-derived $\beta^2$ cells. <i>Nature Cell Biology</i> , 2019, 21, 263-274.	10.3	334
4	In Vitro Proliferation of Cells Derived From Adult Human $\beta^2$ -Cells Revealed By Cell-Lineage Tracing. <i>Diabetes</i> , 2008, 57, 1575-1583.	0.6	185
5	The chromatin regulator Brg1 suppresses formation of intraductal papillary mucinous neoplasm and pancreatic ductal adenocarcinoma. <i>Nature Cell Biology</i> , 2014, 16, 255-267.	10.3	172
6	Generation of Functional Thymic Epithelium from Human Embryonic Stem Cells that Supports Host T Cell Development. <i>Cell Stem Cell</i> , 2013, 13, 219-229.	11.1	145
7	Replication confers $\beta^2$ cell immaturity. <i>Nature Communications</i> , 2018, 9, 485.	12.8	123
8	Small Molecules Facilitate the Reprogramming of Mouse Fibroblasts into Pancreatic Lineages. <i>Cell Stem Cell</i> , 2014, 14, 228-236.	11.1	116
9	Epithelial-Mesenchymal Transition in Cells Expanded In Vitro from Lineage-Traced Adult Human Pancreatic Beta Cells. <i>PLoS ONE</i> , 2009, 4, e6417.	2.5	113
10	FMRP promotes RNA localization to neuronal projections through interactions between its RGG domain and G-quadruplex RNA sequences. <i>ELife</i> , 2020, 9, .	6.0	89
11	Insulin-Producing Cells Generated from Dedifferentiated Human Pancreatic Beta Cells Expanded In Vitro. <i>PLoS ONE</i> , 2011, 6, e25566.	2.5	72
12	Nanoporous Immunoprotective Device for Stem-Cell-Derived $\beta^2$ -Cell Replacement Therapy. <i>ACS Nano</i> , 2017, 11, 7747-7757.	14.6	71
13	HES-1 Is Involved in Adaptation of Adult Human $\beta^2$ -Cells to Proliferation In Vitro. <i>Diabetes</i> , 2008, 57, 2413-2420.	0.6	61
14	Strategies for durable $\beta^2$ cell replacement in type 1 diabetes. <i>Science</i> , 2021, 373, 516-522.	12.6	57
15	Redifferentiation of Expanded Human Pancreatic $\beta^2$ -Cell-derived Cells by Inhibition of the NOTCH Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 17269-17280.	3.4	56
16	Mitigating Ischemic Injury of Stem Cell-Derived Insulin-Producing Cells after Transplant. <i>Stem Cell Reports</i> , 2017, 9, 807-819.	4.8	41
17	Loss of the transcription factor MAFB limits $\beta^2$ -cell derivation from human PSCs. <i>Nature Communications</i> , 2020, 11, 2742.	12.8	37
18	Making $\beta^2$ cells from adult tissues. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 278-285.	7.1	27

#	ARTICLE	IF	CITATIONS
19	Dicer Regulates Differentiation and Viability during Mouse Pancreatic Cancer Initiation. PLoS ONE, 2014, 9, e95486.	2.5	27
20	ENTPD3 Marks Mature Stem Cellâ€Derived Î²-Cells Formed by Self-Aggregation In Vitro. Diabetes, 2021, 70, 2554-2567.	0.6	20
21	Generation of functional human thymic cells from induced pluripotent stem cells. Journal of Allergy and Clinical Immunology, 2022, 149, 767-781.e6.	2.9	16
22	Emerging diabetes therapies: Bringing back the Î²-cells. Molecular Metabolism, 2022, 60, 101477.	6.5	13
23	Modeling Hypoxia-Induced Neuropathies Using a Fast and Scalable Human Motor Neuron Differentiation System. Stem Cell Reports, 2020, 14, 1033-1043.	4.8	10
24	In vitro generation of peri-islet basement membrane-like structures. Biomaterials, 2021, 273, 120808.	11.4	10
25	LIN28B Impairs the Transition of hESC-Derived Î² Cells from the Juvenile to Adult State. Stem Cell Reports, 2020, 14, 9-20.	4.8	9
26	Taming the young and restlessâ€epigenetic gene regulation in pancreas and betaâ€cell precursors. EMBO Journal, 2014, 33, 2135-2136.	7.8	4
27	From the dish to humans: A stem cell recipe for success. Cell Metabolism, 2022, 34, 193-196.	16.2	4
28	Epigenetic Memory and Preferential Lineage-Specific Differentiation in Induced Pluripotent Stem Cells Derived from Human Pancreatic Islet Beta Cells. Cell Stem Cell, 2012, 11, 854.	11.1	0
29	Found in Translation: Novel Insights Into Type 1 Diabetes and Î²-Cell Biology. Diabetes, 2021, 70, 2185-2186.	0.6	0