

Shimon Efrat

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,528
citations

471509

17
h-index

526287

27
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28
all docs

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docs citations

28
times ranked

2181
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic Memory: Lessons From iPSCs Derived From Human \hat{I}^2 Cells. <i>Frontiers in Endocrinology</i> , 2020, 11, 614234.	3.5	14
2	Beta-Cell Dedifferentiation in Type 2 Diabetes: Concise Review. <i>Stem Cells</i> , 2019, 37, 1267-1272.	3.2	34
3	Genes Associated with Pancreas Development and Function Maintain Open Chromatin in iPSCs Generated from Human Pancreatic Beta Cells. <i>Stem Cell Reports</i> , 2017, 9, 1395-1405.	4.8	15
4	Redifferentiation of expanded human islet \hat{I}^2 cells by inhibition of ARX. <i>Scientific Reports</i> , 2016, 6, 20698.	3.3	18
5	Inhibition of ZEB1 expression induces redifferentiation of adult human \hat{I}^2 cells expanded in vitro. <i>Scientific Reports</i> , 2015, 5, 13024.	3.3	17
6	MiR-375 Promotes Redifferentiation of Adult Human \hat{I}^2 Cells Expanded In Vitro. <i>PLoS ONE</i> , 2015, 10, e0122108.	2.5	57
7	TGF \hat{I}^2 Pathway Inhibition Redifferentiates Human Pancreatic Islet \hat{I}^2 Cells Expanded In Vitro. <i>PLoS ONE</i> , 2015, 10, e0139168.	2.5	30
8	Redifferentiation of Adult Human \hat{I}^2 Cells Expanded In Vitro by Inhibition of the WNT Pathway. <i>PLoS ONE</i> , 2014, 9, e112914.	2.5	30
9	The NOTCH Pathway in \hat{I}^2 -Cell Growth and Differentiation. <i>Vitamins and Hormones</i> , 2014, 95, 391-405.	1.7	13
10	Recent progress in generation of human surrogate \hat{I}^2 cells. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2013, 20, 259-264.	2.3	4
11	Making \hat{I}^2 cells from adult tissues. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 278-285.	7.1	27
12	Redifferentiation of Expanded Human Pancreatic \hat{I}^2 -Cell-derived Cells by Inhibition of the NOTCH Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 17269-17280.	3.4	56
13	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
14	Prospects of Stem Cell Therapy in Diabetes - Introduction to the RDS Special Issue. <i>Review of Diabetic Studies</i> , 2010, 7, 80-81.	1.3	0
15	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
16	Beta-cell replacement for insulin-dependent diabetes mellitus. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 114-123.	13.7	50
17	In Vitro Proliferation of Cells Derived From Adult Human \hat{I}^2 -Cells Revealed By Cell-Lineage Tracing. <i>Diabetes</i> , 2008, 57, 1575-1583.	0.6	185
18	HES-1 Is Involved in Adaptation of Adult Human \hat{I}^2 -Cells to Proliferation In Vitro. <i>Diabetes</i> , 2008, 57, 2413-2420.	0.6	61

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19	Ex-vivo Expansion of Adult Human Pancreatic Beta-Cells. Review of Diabetic Studies, 2008, 5, 116-122.	1.3	22
20	Regulation of Insulin Secretion: Insights from Engineered β -cell Lines. Annals of the New York Academy of Sciences, 2004, 1014, 88-96.	3.8	26
21	Generation of surrogate beta cells from tissue stem cells. Current Diabetes Reports, 2004, 4, 298-303.	4.2	4
22	Generation of insulin-producing cells from stem cells for cell replacement therapy of type 1 diabetes. Israel Medical Association Journal, 2004, 6, 265-7.	0.1	4
23	β -Cell Expansion for Therapeutic Compensation of Insulin Resistance in Type 2 Diabetes. Experimental Diabetes Research, 2003, 4, 1-5.	1.0	6
24	Preventing Type 1 Diabetes Mellitus. Molecular Diagnosis and Therapy, 2002, 2, 129-134.	3.3	3
25	Cell replacement therapy for type 1 diabetes. Trends in Molecular Medicine, 2002, 8, 334-340.	6.7	51
26	Correction of Hyperglycemia in Diabetic Mice Transplanted with Reversibly Immortalized Pancreatic β Cells Controlled by the tet-on Regulatory System. Cell Transplantation, 2001, 10, 645-650.	2.5	82
27	Genetically Engineered Pancreatic β -Cell Lines for Cell Therapy of Diabetes. Annals of the New York Academy of Sciences, 1999, 875, 286-293.	3.8	27
28	Genes induced by growth arrest in a pancreatic β cell line: identification by analysis of cDNA arrays. FEBS Letters, 1999, 457, 65-70.	2.8	16