

Sarah Ferber

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,984
citations

471371

17
h-index

552653

26
g-index

39
all docs

39
docs citations

39
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Pancreatic and duodenal homeobox gene 1 induces expression of insulin genes in liver and ameliorates streptozotocin-induced hyperglycemia. <i>Nature Medicine</i> , 2000, 6, 568-572.	15.2	727
2	Cell-replacement therapy for diabetes: Generating functional insulin-producing tissue from adult human liver cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7964-7969.	3.3	265
3	Functional, Persistent, and Extended Liver to Pancreas Transdifferentiation. <i>Journal of Biological Chemistry</i> , 2003, 278, 31950-31957.	1.6	245
4	Exendin-4 Promotes Liver Cell Proliferation and Enhances the PDX-1-induced Liver to Pancreas Transdifferentiation Process. <i>Journal of Biological Chemistry</i> , 2009, 284, 33509-33520.	1.6	85
5	The peptide-hormone glucagon-like peptide-1 activates cAMP and inhibits growth of breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2012, 132, 449-461.	1.1	78
6	Ectopic PDX-1 expression in liver ameliorates type 1 diabetes. <i>Journal of Autoimmunity</i> , 2007, 28, 134-142.	3.0	72
7	Pancreatic and duodenal homeobox gene 1 induces hepatic dedifferentiation by suppressing the expression of CCAAT/enhancer-binding protein β . <i>Hepatology</i> , 2007, 46, 898-905.	3.6	61
8	NKX6.1 Promotes PDX-1-Induced Liver to Pancreatic β -Cells Reprogramming. <i>Cellular Reprogramming</i> , 2010, 12, 655-664.	0.5	60
9	The Temporal and Hierarchical Control of Transcription Factors-Induced Liver to Pancreas Transdifferentiation. <i>PLoS ONE</i> , 2014, 9, e87812.	1.1	56
10	New organs from our own tissues: liver-to-pancreas transdifferentiation. <i>Trends in Endocrinology and Metabolism</i> , 2003, 14, 460-466.	3.1	50
11	Redox-Mediated Enrichment of Self-Renewing Adult Human Pancreatic Cells That Possess Endocrine Differentiation Potential. <i>Pancreas</i> , 2004, 29, e64-e76.	0.5	45
12	Ectopic PDX-1 Expression Directly Reprograms Human Keratinocytes along Pancreatic Insulin-Producing Cells Fate. <i>PLoS ONE</i> , 2011, 6, e26298.	1.1	38
13	Increase in PDX-1 Levels Suppresses Insulin Gene Expression in RIN 1046 β 38 Cells*. <i>Endocrinology</i> , 1999, 140, 3311-3317.	1.4	29
14	Human Liver Cells Expressing Albumin and Mesenchymal Characteristics Give Rise to Insulin-Producing Cells. <i>Journal of Transplantation</i> , 2011, 2011, 1-12.	0.3	26
15	Vanadate normalizes hyperglycemia and phosphoenolpyruvate carboxykinase mRNA levels in mice. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1346-1354.	1.5	21
16	Regenerative medicine: using liver to generate pancreas for treating diabetes. <i>Israel Medical Association Journal</i> , 2006, 8, 430-4.	0.1	20
17	Reprogramming of liver cells into insulin-producing cells. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015, 29, 873-882.	2.2	19
18	The Wnt/ β -catenin pathway determines the predisposition and efficiency of liver β -pancreas reprogramming. <i>Hepatology</i> , 2018, 68, 1589-1603.	3.6	18

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19	Liver to Pancreas Transdifferentiation. <i>Current Diabetes Reports</i> , 2019, 19, 76.	1.7	16
20	Adult Cell Fate Reprogramming: Converting Liver to Pancreas. <i>Methods in Molecular Biology</i> , 2010, 636, 251-283.	0.4	11
21	The role of the vasculature niche on insulin-producing cells generated by transdifferentiation of adult human liver cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 53.	2.4	8
22	Improvement of the therapeutic capacity of insulin-producing cells trans-differentiated from human liver cells using engineered cell sheet. <i>Stem Cell Research and Therapy</i> , 2021, 12, 3.	2.4	8
23	Spheroid Fabrication Using Concave Microwells Enhances the Differentiation Efficacy and Function of Insulin-Producing Cells via Cytoskeletal Changes. <i>Cells</i> , 2020, 9, 2551.	1.8	5
24	IMPLANTATION OF RAT INSULINOMA CELL LINE INTO CYCLOSPORINE TREATED RATS. EFFECT OF THE IN VIVO ENVIRONMENT ON β -CELL SPECIFIC GENE EXPRESSION1. <i>Transplantation</i> , 2000, 69, 1464-1470.	0.5	4
25	The effect of liver donors' age, gender and metabolic state on pancreatic lineage activation. <i>Regenerative Medicine</i> , 2021, 16, 19-31.	0.8	3
26	Phenotypic assessment of liver-derived cell cultures during in vitro expansion. <i>Regenerative Medicine</i> , 2021, 16, 33-46.	0.8	2
27	Use of Extra-Pancreatic Tissues for Cell Replacement Therapy for Diabetes. , 2008, , 285-312.		1
28	Transdifferentiation of Extra-Pancreatic Tissues for Cell Replacement Therapy for Diabetes. <i>Pancreatic Islet Biology</i> , 2016, , 193-215.	0.1	0
29	Adult Cell Reprogramming: Using Nonpancreatic Cell Sources to Generate Surrogate Beta Cells for Treatment of Diabetes. , 2010, , 183-202.		0