Barak Blum

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4937188/publications.pdf

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22	3,416	623574	713332
papers	citations	14 h-index	21 g-index

27	27	27	5620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determinants and dynamics of pancreatic islet architecture. Islets, 2022, 14, 82-100.	0.9	17
2	Axon Guidance Molecules in the Islets of Langerhans. Frontiers in Endocrinology, 2022, 13, 869780.	1.5	6
3	Morphogenesis of the Islets of Langerhans Is Guided by Extraendocrine Slit2 and Slit3 Signals. Molecular and Cellular Biology, 2021, 41, .	1.1	10
4	CDK2 limits the highly energetic secretory program of mature Î² cells by restricting PEP cycle-dependent KATP channel closure. Cell Reports, 2021, 34, 108690.	2.9	8
5	The Anna Karenina Model of Î²-Cell Maturation in Development and Their Dedifferentiation in Type 1 and Type 2 Diabetes. Diabetes, 2021, 70, 2058-2066.	0.3	10
6	Reduced synchroneity of intra-islet Ca2+ oscillations in vivo in Robo-deficient Î² cells. ELife, 2021, 10, .	2.8	18
7	Endocrine cell type sorting and mature architecture in the islets of Langerhans require expression of Roundabout receptors in Î² cells. Scientific Reports, 2018, 8, 10876.	1.6	37
8	Synaptotagmins Tweak Functional Î² Cell Maturation. Developmental Cell, 2018, 45, 284-286.	3.1	2
9	Angptl4 links Î±-cell proliferation following glucagon receptor inhibition with adipose tissue triglyceride metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15498-15503.	3.3	28
10	Reversal of Î² cell de-differentiation by a small molecule inhibitor of the TGFÎ² pathway. ELife, 2014, 3, e02809.	2.8	116
11	Functional beta-cell maturation is marked by an increased glucose threshold and by expression of urocortin 3. Nature Biotechnology, 2012, 30, 261-264.	9.4	322
12	An intrinsic circadian clock of the pancreas is required for normal insulin release and glucose homeostasis in mice. Diabetologia, 2011, 54, 120-124.	2.9	276
13	The tumorigenicity of diploid and aneuploid human pluripotent stem cells. Cell Cycle, 2009, 8, 3822-3830.	1.3	130
14	The anti-apoptotic gene survivin contributes to teratoma formation by human embryonic stem cells. Nature Biotechnology, 2009, 27, 281-287.	9.4	164
15	Developmental programming of CpG island methylation profiles in the human genome. Nature Structural and Molecular Biology, 2009, 16, 564-571.	3.6	345
16	The Tumorigenicity of Human Embryonic Stem Cells. Advances in Cancer Research, 2008, 100, 133-158.	1.9	390
17	Clonal Analysis of Human Embryonic Stem Cell Differentiation into Teratomas. Stem Cells, 2007, 25, 1924-1930.	1.4	55
18	Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. Nature Biotechnology, 2007, 25, 803-816.	9.4	983

#	Article	IF	Citations
19	Glucocorticoids Regulate Transcription of the Gene for Phosphoenolpyruvate Carboxykinase in the Liver via an Extended Glucocorticoid Regulatory Unit. Journal of Biological Chemistry, 2005, 280, 33873-33884.	1.6	84
20	DifferentiationIn VivoandIn Vitroof Human Embryonic Stem Cells. , 2005, , 123-143.		4
21	Glyceroneogenesis and the Triglyceride/Fatty Acid Cycle. Journal of Biological Chemistry, 2003, 278, 30413-30416.	1.6	371
22	Glucocorticoids Repress Transcription of Phosphoenolpyruvate Carboxykinase (GTP) Gene in Adipocytes by Inhibiting Its C/EBP-mediated Activation. Journal of Biological Chemistry, 2003, 278, 12929-12936.	1.6	36