

Steinunn Baekkeskov

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,299
citations

361045

20
h-index

642321

23
g-index

27
all docs

27
docs citations

27
times ranked

3687
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and effects of pulsatile GABA secretion from cytosolic pools in the human beta cell. <i>Nature Metabolism</i> , 2019, 1, 1110-1126.	5.1	59
2	Advances in pancreatic islet monolayer culture on glass surfaces enable super-resolution microscopy and insights into beta cell ciliogenesis and proliferation. <i>Scientific Reports</i> , 2017, 7, 45961.	1.6	39
3	Bioengineering strategies for inducing tolerance in autoimmune diabetes. <i>Advanced Drug Delivery Reviews</i> , 2017, 114, 256-265.	6.6	19
4	Primary Human and Rat β -Cells Release the Intracellular Autoantigens GAD65, IA-2, and Proinsulin in Exosomes Together With Cytokine-Induced Enhancers of Immunity. <i>Diabetes</i> , 2017, 66, 460-473.	0.3	152
5	Aberrant Accumulation of the Diabetes Autoantigen GAD65 in Golgi Membranes in Conditions of ER Stress and Autoimmunity. <i>Diabetes</i> , 2016, 65, 2686-2699.	0.3	28
6	Compartmentalization of GABA Synthesis by GAD67 Differs between Pancreatic Beta Cells and Neurons. <i>PLoS ONE</i> , 2015, 10, e0117130.	1.1	27
7	Two distinct mechanisms target GAD67 to vesicular pathways and presynaptic clusters. <i>Journal of Cell Biology</i> , 2010, 190, 911-925.	2.3	77
8	Homing of GAD65 specific autoimmunity and development of insulinitis requires expression of both DQ8 and human GAD65 in transgenic mice. <i>Journal of Autoimmunity</i> , 2009, 33, 50-57.	3.0	13
9	Palmitoylation cycles and regulation of protein function (Review). <i>Molecular Membrane Biology</i> , 2009, 26, 42-54.	2.0	97
10	A palmitoylation cycle dynamically regulates partitioning of the GABA-synthesizing enzyme GAD65 between ER-Golgi and post-Golgi membranes. <i>Journal of Cell Science</i> , 2008, 121, 437-449.	1.2	51
11	Recombinant prion protein induces rapid polarization and development of synapses in embryonic rat hippocampal neurons in vitro. <i>Journal of Neurochemistry</i> , 2005, 95, 1373-1386.	2.1	155
12	Palmitoylation controls trafficking of GAD65 from Golgi membranes to axon-specific endosomes and a Rab5a-dependent pathway to presynaptic clusters. <i>Journal of Cell Science</i> , 2004, 117, 2001-2013.	1.2	66
13	A combination of three distinct trafficking signals mediates axonal targeting and presynaptic clustering of GAD65. <i>Journal of Cell Biology</i> , 2002, 158, 1229-1238.	2.3	66
14	Suppressive Effect of Glutamic Acid Decarboxylase 65-Specific Autoimmune B Lymphocytes on Processing of T Cell Determinants Located Within the Antibody Epitope. <i>Journal of Immunology</i> , 2002, 169, 665-672.	0.4	69
15	Endogenous expression levels of autoantigens influence success or failure of DNA immunizations to prevent type 1 diabetes: addition of IL-4 increases safety. <i>European Journal of Immunology</i> , 2002, 32, 113-121.	1.6	37
16	Endogenous expression levels of autoantigens influence success or failure of DNA immunizations to prevent type 1 diabetes: addition of IL-4 increases safety. , 2002, 32, 113.		1
17	Increased expression of GAD65 and GABA in pancreatic β -cells impairs first-phase insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E684-E694.	1.8	62
18	Does GAD Have a Unique Role in Triggering IDDM?. <i>Journal of Autoimmunity</i> , 2000, 15, 279-286.	3.0	34

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19	The Hydrophilic Isoform of Glutamate Decarboxylase, GAD67, Is Targeted to Membranes and Nerve Terminals Independent of Dimerization with the Hydrophobic Membrane-anchored Isoform, GAD65. Journal of Biological Chemistry, 1999, 274, 37200-37209.	1.6	61
20	High-resolution autoreactive epitope mapping and structural modeling of the 65 kDa form of human glutamic acid decarboxylase. Journal of Molecular Biology, 1999, 287, 983-999.	2.0	100
21	Local GABA Circuit Control of Experience-Dependent Plasticity in Developing Visual Cortex. , 1998, 282, 1504-1508.		793
22	Phosphorylation of Serine Residues 3, 6, 10, and 13 Distinguishes Membrane Anchored from Soluble Glutamic Acid Decarboxylase 65 and Is Restricted to Glutamic Acid Decarboxylase 65 \pm . Journal of Biological Chemistry, 1997, 272, 1548-1557.	1.6	61
23	The Glutamate Decarboxylase and 38KD Autoantigens in Type 1 Diabetes: Aspects of Structure and Epitope Recognition. Autoimmunity, 1993, 15, 24-26.	1.2	5
24	Identification of the 64K autoantigen in insulin-dependent diabetes as the GABA-synthesizing enzyme glutamic acid decarboxylase. Nature, 1990, 347, 151-156.	13.7	1,675
25	Glucose stimulates the biosynthesis of a human pancreatic islet cell protein detected by an antiserum against the human erythrocyte glucose transporter. FEBS Letters, 1983, 157, 331-335.	1.3	0
26	Autoantibodies in newly diagnosed diabetic children immunoprecipitate human pancreatic islet cell proteins. Nature, 1982, 298, 167-169.	13.7	551