Shao-Nian Yang

List of Publications by Year
in descending order

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31 papers	2,007 citations	430874 18 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	2786 citing authors

#	Article	IF	Citations
1	Selective Induction of LTP and LTD by Postsynaptic [Ca²⁺]_i Elevation. Journal of Neurophysiology, 1999, 81, 781-787.	1.8	463
2	The Role of Voltage-Gated Calcium Channels in Pancreatic Î²-Cell Physiology and Pathophysiology. Endocrine Reviews, 2006, 27, 621-676.	20.1	222
3	Glutamate Is a Positive Autocrine Signal for Glucagon Release. Cell Metabolism, 2008, 7, 545-554.	16.2	186
4	Suppression of Î² Cell Energy Metabolism and Insulin Release by PGC-1Î±. Developmental Cell, 2003, 5, 73-83.	7.0	134
5	Removal of Ca2+ Channel Î²3 Subunit Enhances Ca2+ Oscillation Frequency and Insulin Exocytosis. Cell, 2004, 119, 273-284.	28.9	105
6	Î²-Cell CaVchannel regulation in physiology and pathophysiology. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E16-E28.	3.5	92
7	Transthyretin constitutes a functional component in pancreatic Â-cell stimulus-secretion coupling. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17020-17025.	7.1	89
8	Cyclin-dependent Kinase 5 Promotes Insulin Exocytosis. Journal of Biological Chemistry, 2001, 276, 34199-34205.	3.4	87
9	Munc-18 Associates with Syntaxin and Serves as a Negative Regulator of Exocytosis in the Pancreatic Î²-Cell. Journal of Biological Chemistry, 2000, 275, 41521-41527.	3.4	82
10	Apolipoprotein CIII promotes Ca2+-dependent Â cell death in type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10090-10094.	7.1	77
11	Modulation of L-Type Ca2+ Channels by Distinct Domains Within SNAP-25. Diabetes, 2002, 51, 1425-1436.	0.6	76
12	Ionic mechanisms in pancreatic Î² cell signaling. Cellular and Molecular Life Sciences, 2014, 71, 4149-4177.	5.4	70
13	Inositol hexakisphosphate increases Lâ€type Ca2+channel activity by stimulation of adenylyl cyclase. FASEB Journal, 2001, 15, 1753-1763.	0.5	44
14	Glucose Recruits KATP Channels via Non-Insulin-Containing Dense-Core Granules. Cell Metabolism, 2007, 6, 217-228.	16.2	36
15	Cytosolic Multiple Inositol Polyphosphate Phosphatase in the Regulation of Cytoplasmic Free Ca2+ Concentration. Journal of Biological Chemistry, 2003, 278, 46210-46218.	3.4	28
16	CaV2.3 channel and PKCÎ»: new players in insulin secretion. Journal of Clinical Investigation, 2005, 115, 16-20.	8.2	28
17	Photoactivation of hypericin decreases the viability of RINm5F insulinoma cells through reduction in JNK/ERK phosphorylation and elevation of caspase-9/caspase-3 cleavage and Bax-to-Bcl-2 ratio. Bioscience Reports, 2015, 35, .	2.4	26
18	Blocking Ca2+ Channel Î²3 Subunit Reverses Diabetes. Cell Reports, 2018, 24, 922-934.	6.4	21

#	Article	IF	Citations
19	CaV2.3 channel and PKCÎ»: new players in insulin secretion. Journal of Clinical Investigation, 2005, 115, 16-20.	8.2	21
20	Inositol hexakisphosphate suppresses excitatory neurotransmission via synaptotagmin-1 C2B domain in the hippocampal neuron. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12183-12188.	7.1	18
21	TLR3-/4-Priming Differentially Promotes Ca2+ Signaling and Cytokine Expression and Ca2+-Dependently Augments Cytokine Release in hMSCs. Scientific Reports, 2016, 6, 23103.	3.3	16
22	The eye as a novel imaging site in diabetes research. , 2019, 197, 103-121.		15
23	CaV1.2 and CaV1.3 channel hyperactivation in mouse islet Î² cells exposed to type 1 diabetic serum. Cellular and Molecular Life Sciences, 2015, 72, 1197-1207.	5.4	14
24	Enhanced expression of Î² cell Ca _V 3.1 channels impairs insulin release and glucose homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 448-453.	7.1	14
25	Apolipoprotein CIII hyperactivates Î² cell CaV1 channels through SR-BI/Î²1 integrin-dependent coactivation of PKA and Src. Cellular and Molecular Life Sciences, 2014, 71, 1289-1303.	5.4	13
26	Akt Signals Upstream of L-Type Calcium Channels to Optimize Insulin Secretion. Pancreas, 2012, 41, 15-21.	1.1	11
27	IgGs from patients with amyotrophic lateral sclerosis and diabetes target CaVÎ±2Î´1 subunits impairing islet cell function and survival. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26816-26822.	7.1	11
28	Subthreshold Î±₂-Adrenergic Activation Counteracts Glucagon-Like Peptide-1 Potentiation of Glucose-Stimulated Insulin Secretion. Experimental Diabetes Research, 2011, 2011, 1-7.	3.8	5
29	Intracameral Microimaging of Maturation of Human iPSC Derivatives into Islet Endocrine Cells. Cell Transplantation, 2022, 31, 096368972110665.	2.5	2
30	Inositol hexakisphosphate primes syndapin I/PACSIN 1 activation in endocytosis. Cellular and Molecular Life Sciences, 2022, 79, 286.	5.4	1
31	Expression of truncated Kir6.2 promotes insertion of functionally inverted ATP-sensitive K+ channels. Scientific Reports, 2021, 11, 21539.	3.3	0