

# Shi-Bing Yang

## List of Publications by Year in descending order

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19  
papers

652  
citations

840119

11  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapamycin Ameliorates Age-Dependent Obesity Associated with Increased mTOR Signaling in Hypothalamic POMC Neurons. <i>Neuron</i> , 2012, 75, 425-436.	3.8	183
2	Altered ultrasonic vocalizations in a tuberous sclerosis mouse model of autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11074-11079.	3.3	128
3	Rapamycin induces glucose intolerance in mice by reducing islet mass, insulin content, and insulin sensitivity. <i>Journal of Molecular Medicine</i> , 2012, 90, 575-585.	1.7	86
4	Exocytosis of Insulin. <i>Annals of the New York Academy of Sciences</i> , 2009, 1152, 53-62.	1.8	45
5	KATP-channels in beta-cells in tissue slices are directly modulated by millimolar ATP. <i>Molecular and Cellular Endocrinology</i> , 2005, 230, 51-58.	1.6	39
6	Recovery from Inactivation of T-Type Ca <sup>2+</sup> Channels in Rat Thalamic Neurons. <i>Journal of Neuroscience</i> , 2001, 21, 1884-1892.	1.7	33
7	Augmented Insulin and Leptin Resistance of High Fat Diet-Fed APPswe/PS1dE9 Transgenic Mice Exacerbate Obesity and Glycemic Dysregulation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2333.	1.8	22
8	Inhibition of ATP-sensitive potassium channels by haloperidol. <i>British Journal of Pharmacology</i> , 2004, 143, 960-967.	2.7	19
9	Spindle-F Is the Central Mediator of Ikk2 Kinase-Dependent Dendrite Pruning in Drosophila Sensory Neurons. <i>PLoS Genetics</i> , 2015, 11, e1005642.	1.5	14
10	N-linked glycosylation of Kv1.2 voltage-gated potassium channel facilitates cell surface expression and enhances the stability of internalized channels. <i>Journal of Physiology</i> , 2016, 594, 6701-6713.	1.3	14
11	Kv1.1-dependent control of hippocampal neuron number as revealed by mosaic analysis with double markers. <i>Journal of Physiology</i> , 2012, 590, 2645-2658.	1.3	12
12	Kv1.1 channels regulate early postnatal neurogenesis in mouse hippocampus via the TrkB signaling pathway. <i>ELife</i> , 2021, 10, .	2.8	12
13	Block of Delayed-Rectifier Potassium Channels by Reduced Haloperidol and Related Compounds in Mouse Cortical Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 352-362.	1.3	11
14	A new familial form of a late-onset, persistent hyperinsulinemic hypoglycemia of infancy caused by a novel mutation in <i>KCNJ11</i> . <i>Channels</i> , 2017, 11, 636-647.	1.5	8
15	Thrilling Moment of an Inhibitory Channel. <i>Neuron</i> , 2008, 58, 823-824.	3.8	7
16	K <sub>v</sub> 1.1 preserves the neural stem cell pool and facilitates neuron maturation during adult hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7
17	Potential cross-species correlations in social hierarchy and memory between mice and young children. <i>Communications Biology</i> , 2022, 5, 230.	2.0	6
18	Carbamazepine promotes surface expression of mutant Kir6.2-A28V ATP-sensitive potassium channels by modulating Golgi retention and autophagy. <i>Journal of Biological Chemistry</i> , 2022, 298, 101904.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Allosteric coupling between transmembrane segment 4 and the selectivity filter of TALK1 potassium channels regulates their gating by extracellular pH. <i>Journal of Biological Chemistry</i> , 2022, 298, 101998.	1.6	2