

Kwang-hyun Cho

List of Publications by Year in descending order

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21
papers

517
citations

759233

12
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer-specific serotonergic induction of long-term depression in the prefrontal cortex of rats. Korean Journal of Physiology and Pharmacology, 2020, 24, 517-527.	1.2	1
2	Open channel block of Kv1.4 potassium channels by aripiprazole. Korean Journal of Physiology and Pharmacology, 2020, 24, 545-553.	1.2	5
3	Layer-specific cholinergic modulation of synaptic transmission in layer 2/3 pyramidal neurons of rat visual cortex. Korean Journal of Physiology and Pharmacology, 2019, 23, 317.	1.2	2
4	Layer-specific involvement of endocannabinoid signaling in muscarinic-induced long-term depression in layer 2/3 pyramidal neurons of rat visual cortex. Brain Research, 2019, 1712, 124-131.	2.2	5
5	Layer- and cell-type-specific tonic GABAergic inhibition of pyramidal neurons in the rat visual cortex. Pflugers Archiv European Journal of Physiology, 2013, 465, 1797-1810.	2.8	7
6	Developmental Switch of the Serotonergic Role in the Induction of Synaptic Long-term Potentiation in the Rat Visual Cortex. Korean Journal of Physiology and Pharmacology, 2012, 16, 65.	1.2	16
7	Layer-specific serotonergic facilitation of IPSC in layer 2/3 pyramidal neurons of the visual cortex. Journal of Neurophysiology, 2012, 107, 407-416.	1.8	16
8	Cholinergic Induction of Input-Specific Late-Phase LTP via Localized Ca ²⁺ Release in the Visual Cortex. Journal of Neuroscience, 2012, 32, 4520-4530.	3.6	7
9	Subtype-Specific Dendritic Ca ²⁺ Dynamics of Inhibitory Interneurons in the Rat Visual Cortex. Journal of Neurophysiology, 2010, 104, 840-853.	1.8	20
10	Temperature-dependent hemolytic activity of membrane pore-forming peptide toxin, tolaasin. Journal of Peptide Science, 2010, 16, 85-90.	1.4	9
11	Effects of Serotonin on the Induction of Long-term Depression in the Rat Visual Cortex. Korean Journal of Physiology and Pharmacology, 2010, 14, 337.	1.2	18
12	The Development of Phasic and Tonic Inhibition in the Rat Visual Cortex. Korean Journal of Physiology and Pharmacology, 2010, 14, 399.	1.2	12
13	A Novel, Single, Transmembrane Protein CATSPERG Is Associated with CATSPER1 Channel Protein1. Biology of Reproduction, 2009, 81, 539-544.	2.7	121
14	Age-Dependent Decline in Supragranular Long-Term Synaptic Plasticity by Increased Inhibition During the Critical Period in the Rat Primary Visual Cortex. Journal of Neurophysiology, 2009, 101, 269-275.	1.8	21
15	Differential Cholinergic Modulation of Ca ²⁺ Transients Evoked by Backpropagating Action Potentials in Apical and Basal Dendrites of Cortical Pyramidal Neurons. Journal of Neurophysiology, 2008, 99, 2833-2843.	1.8	16
16	CatSper ¹ , a Novel Transmembrane Protein in the CatSper Channel Complex. Journal of Biological Chemistry, 2007, 282, 18945-18952.	3.4	148
17	Purification of a Pore-forming Peptide Toxin, Tolaasin, Produced by Pseudomonas tolaasii 6264. BMB Reports, 2007, 40, 113-118.	2.4	17
18	Spatial profile of back-propagating action potential-evoked Ca ²⁺ transients in basal dendrites. NeuroReport, 2006, 17, 131-134.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Serotonin inhibits the induction of NMDA receptor-dependent long-term potentiation in the rat primary visual cortex. <i>Brain Research</i> , 2006, 1103, 49-55.	2.2	37
20	Two types of ion channel formation of tolaasin, a <i>Pseudomonas</i> peptide toxin. <i>FEMS Microbiology Letters</i> , 2003, 221, 221-226.	1.8	33
21	Inhibition of microsomal ATPases by high concentration of Mg ²⁺ in tracheal epithelial cells. <i>Life Sciences</i> , 2001, 69, 2875-2886.	4.3	1