

Hongkyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,837
citations

567281

15
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	The full-length leptin receptor has signaling capabilities of interleukin 6-type cytokine receptors.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8374-8378.	7.1	745
2	A Central Role of the BK Potassium Channel in Behavioral Responses to Ethanol in <i>C. elegans</i> . Cell, 2003, 115, 655-666.	28.9	324
3	Dual Signaling Role of the Protein Tyrosine Phosphatase SHP-2 in Regulating Expression of Acute-Phase Plasma Proteins by Interleukin-6 Cytokine Receptors in Hepatic Cells. Molecular and Cellular Biology, 1999, 19, 5326-5338.	2.3	157
4	Protein Tyrosine Phosphatase 2 (SHP-2) Moderates Signaling by gp130 but Is Not Required for the Induction of Acute-Phase Plasma Protein Genes in Hepatic Cells. Molecular and Cellular Biology, 1998, 18, 1525-1533.	2.3	112
5	The Carboxyl-terminal Region of STAT3 Controls Gene Induction by the Mouse Haptoglobin Promoter. Journal of Biological Chemistry, 1997, 272, 14571-14579.	3.4	63
6	SNF-6 is an acetylcholine transporter interacting with the dystrophin complex in <i>Caenorhabditis elegans</i> . Nature, 2004, 430, 891-896.	27.8	50
7	The Dystrophin Complex Controls BK Channel Localization and Muscle Activity in <i>Caenorhabditis elegans</i> . PLoS Genetics, 2009, 5, e1000780.	3.5	50
8	An Alpha-Catulin Homologue Controls Neuromuscular Function through Localization of the Dystrophin Complex and BK Channels in <i>Caenorhabditis elegans</i> . PLoS Genetics, 2010, 6, e1001077.	3.5	38
9	Aldicarb-induced Paralysis Assay to Determine Defects in Synaptic Transmission in <i>Caenorhabditis elegans</i> . Bio-protocol, 2017, 7, .	0.4	37
10	The STAT3-independent Signaling Pathway by Glycoprotein 130 in Hepatic Cells. Journal of Biological Chemistry, 1999, 274, 7793-7802.	3.4	30
11	Reduced IGF signaling prevents muscle cell death in a <i>Caenorhabditis elegans</i> model of muscular dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19024-19029.	7.1	29
12	Interaction of $\hat{\pm}$ -Catulin with Dystrobrevin Contributes to Integrity of Dystrophin Complex in Muscle. Journal of Biological Chemistry, 2012, 287, 21717-21728.	3.4	24
13	ERG-28 controls BK channel trafficking in the ER to regulate synaptic function and alcohol response in <i>C. elegans</i> . ELife, 2017, 6, .	6.0	23
14	The Dystrophin-associated Protein Complex Maintains Muscle Excitability by Regulating Ca ²⁺ -dependent K ⁺ (BK) Channel Localization. Journal of Biological Chemistry, 2011, 286, 33501-33510.	3.4	21
15	UNC-2 CaV2 Channel Localization at Presynaptic Active Zones Depends on UNC-10/RIM and SYD-2/Liprin- $\hat{\pm}$ in <i>Caenorhabditis elegans</i> . Journal of Neuroscience, 2021, 41, 4782-4794.	3.6	20
16	Presynaptic BK channel localization is dependent on the hierarchical organization of alpha-catulin and dystrobrevin and fine-tuned by CaV2 calcium channels. BMC Neuroscience, 2015, 16, 26.	1.9	17
17	Alcohol induces mitochondrial fragmentation and stress responses to maintain normal muscle function in <i>Caenorhabditis elegans</i> . FASEB Journal, 2020, 34, 8204-8216.	0.5	17
18	Protein Network Interacting with BK Channels. International Review of Neurobiology, 2016, 128, 127-161.	2.0	16

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19	Computational Methods for Tracking, Quantitative Assessment, and Visualization of <i>C. elegans</i> Locomotory Behavior. <i>PLoS ONE</i> , 2015, 10, e0145870.	2.5	13
20	Transmembrane Domain of gp130 Contributes to Intracellular Signal Transduction in Hepatic Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 30741-30747.	3.4	10
21	A SLC6 transporter of the novel B0,- system aids in absorption and detection of nutrient amino acids in <i>Caenorhabditis elegans</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 2843-57.	1.7	10
22	Oxidative Stress in <i>Caenorhabditis elegans</i> : Protective Effects of Spartina. <i>PLoS ONE</i> , 2015, 10, e0130455.	2.5	9
23	BK channel clustering is required for normal behavioral alcohol sensitivity in <i>C. elegans</i> . <i>Scientific Reports</i> , 2019, 9, 10224.	3.3	8
24	BK channel density is regulated by endoplasmic reticulum associated degradation and influenced by the SKN-1A/NRF1 transcription factor. <i>PLoS Genetics</i> , 2020, 16, e1008829.	3.5	7
25	A Run-Length Encoding Approach for Path Analysis of <i>C. elegans</i> Search Behavior. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-9.	1.3	3
26	<i>C. elegans</i> search behavior analysis using Multivariate Dynamic Time Warping. , 2016, , .		3
27	Augmenting Frame-based with Window-based Features for <i>C. elegans</i> Movement Classification. , 2019, , .		0
28	IGF signaling in muscle degenerative diseases. <i>Aging</i> , 2013, 5, 865-866.	3.1	0
29	Title is missing!. , 2020, 16, e1008829.		0
30	Title is missing!. , 2020, 16, e1008829.		0
31	Title is missing!. , 2020, 16, e1008829.		0
32	Title is missing!. , 2020, 16, e1008829.		0