

Hosung Jung

List of Publications by Year in descending order

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43
papers

3,868
citations

201674

27
h-index

243625

44
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47
all docs

47
docs citations

47
times ranked

5617
citing authors

#	ARTICLE	IF	CITATIONS
1	Axonal mRNA localization and local protein synthesis in nervous system assembly, maintenance and repair. <i>Nature Reviews Neuroscience</i> , 2012, 13, 308-324.	10.2	424
2	Dynamic Axonal Translation in Developing and Mature Visual Circuits. <i>Cell</i> , 2016, 166, 181-192.	28.9	385
3	Chemokines and the pathophysiology of neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20151-20158.	7.1	323
4	Cytokine and Chemokine Regulation of Sensory Neuron Function. <i>Handbook of Experimental Pharmacology</i> , 2009, , 417-449.	1.8	297
5	Remote Control of Gene Function by Local Translation. <i>Cell</i> , 2014, 157, 26-40.	28.9	273
6	Local Translation of Extranuclear Lamin B Promotes Axon Maintenance. <i>Cell</i> , 2012, 148, 752-764.	28.9	244
7	E3 Ligase Nedd4 Promotes Axon Branching by Downregulating PTEN. <i>Neuron</i> , 2010, 65, 341-357.	8.1	220
8	Monocyte chemoattractant protein-1 functions as a neuromodulator in dorsal root ganglia neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 254-263.	3.9	208
9	The Chemokine Stromal Cell-Derived Factor-1 Regulates GABAergic Inputs to Neural Progenitors in the Postnatal Dentate Gyrus. <i>Journal of Neuroscience</i> , 2008, 28, 6720-6730.	3.6	133
10	Visualization of Chemokine Receptor Activation in Transgenic Mice Reveals Peripheral Activation of CCR2 Receptors in States of Neuropathic Pain. <i>Journal of Neuroscience</i> , 2009, 29, 8051-8062.	3.6	120
11	On-Site Ribosome Remodeling by Locally Synthesized Ribosomal Proteins in Axons. <i>Cell Reports</i> , 2019, 29, 3605-3619.e10.	6.4	103
12	Terminal Uridyltransferases Execute Programmed Clearance of Maternal Transcriptome in Vertebrate Embryos. <i>Molecular Cell</i> , 2018, 70, 72-82.e7.	9.7	87
13	CXCR4 signaling mediates morphine-induced tactile hyperalgesia. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 565-573.	4.1	80
14	Agmatine ameliorates type 2 diabetes induced-Alzheimer's disease-like alterations in high-fat diet-fed mice via reactivation of blunted insulin signalling. <i>Neuropharmacology</i> , 2017, 113, 467-479.	4.1	69
15	Activation of the nuclear factor of activated T-cells (NFAT) mediates upregulation of CCR2 chemokine receptors in dorsal root ganglion (DRG) neurons: A possible mechanism for activity-dependent transcription in DRG neurons in association with neuropathic pain. <i>Molecular and Cellular Neurosciences</i> , 2008, 37, 170-177.	2.2	67
16	<i>GABBR2</i> mutations determine phenotype in rett syndrome and epileptic encephalopathy. <i>Annals of Neurology</i> , 2017, 82, 466-478.	5.3	66
17	The chemokine SDF-1/CXCL12 regulates the migration of melanocyte progenitors in mouse hair follicles. <i>Differentiation</i> , 2009, 77, 395-411.	1.9	56
18	SDF1 in the dorsal corticospinal tract promotes CXCR4+ cell migration after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2011, 8, 16.	7.2	49

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19	The role of CXCR4 signaling in the migration of transplanted oligodendrocyte progenitors into the cerebral white matter. <i>Neurobiology of Disease</i> , 2011, 44, 19-27.	4.4	48
20	Localized CCR2 Activation in the Bone Marrow Niche Mobilizes Monocytes by Desensitizing CXCR4. <i>PLoS ONE</i> , 2015, 10, e0128387.	2.5	48
21	Vimentin filaments regulate integrin-ligand interactions by binding to the cytoplasmic tail of integrin β 3. <i>Journal of Cell Science</i> , 2016, 129, 2030-42.	2.0	41
22	Distribution of MT ¹ Melatonin Receptor Promoter-Driven RFP Expression in the Brains of BAC C3H/HeN Transgenic Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2014, 62, 70-84.	2.5	36
23	Local protein synthesis in neuronal axons: why and how we study. <i>BMB Reports</i> , 2015, 48, 139-146.	2.4	36
24	eIF4A3 Phosphorylation by CDKs Affects NMD during the Cell Cycle. <i>Cell Reports</i> , 2019, 26, 2126-2139.e9.	6.4	36
25	Translational regulation in growth cones. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 458-464.	3.3	31
26	Altered neurotransmitter release machinery in mice deficient for the deubiquitinating enzyme Usp14. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C698-C708.	4.6	30
27	Local translation of mRNAs in neural development. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 153-165.	6.4	28
28	Local mRNA translation in long-term maintenance of axon health and function. <i>Current Opinion in Neurobiology</i> , 2020, 63, 15-22.	4.2	28
29	Excision of the First Intron from the Gonadotropin-releasing Hormone (GnRH) Transcript Serves as a Key Regulatory Step for GnRH Biosynthesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 18037-18044.	3.4	25
30	Glucocorticoid inhibits growth factor-induced differentiation of hippocampal progenitor HiB5 cells. <i>Journal of Neurochemistry</i> , 2001, 79, 1013-1021.	3.9	23
31	Selective Roles of Protein Kinase C Isoforms on Cell Motility of GT1 Immortalized Hypothalamic Neurons. <i>Journal of Neuroendocrinology</i> , 2003, 15, 508-515.	2.6	20
32	Axon-TRAP-RiboTag: Affinity Purification of Translated mRNAs from Neuronal Axons in Mouse In Vivo. <i>Methods in Molecular Biology</i> , 2018, 1649, 85-94.	0.9	20
33	Vimentin filament controls integrin β 1-mediated cell adhesion by binding to integrin through its Ser38 residue. <i>FEBS Letters</i> , 2016, 590, 3517-3525.	2.8	19
34	GnRH pre-mRNA splicing: solving the mystery of a nature's knockout, hpg mouse. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 261-267.	2.1	12
35	Reparative System Arising from CCR2(+) Monocyte Conversion Attenuates Neuroinflammation Following Ischemic Stroke. <i>Translational Stroke Research</i> , 2021, 12, 879-893.	4.2	11
36	Increased ribosomal protein levels and protein synthesis in the striatal synaptosome of Shank3-overexpressing transgenic mice. <i>Molecular Brain</i> , 2021, 14, 39.	2.6	10

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37	LIXT chaperone prevents proteotoxicity by acting as an autophagy adaptor for p62-dependent aggregation. <i>Nature Communications</i> , 2021, 12, 1955.	12.8	9
38	Methods to analyze cell type-specific gene expression profiles from heterogeneous cell populations. <i>Animal Cells and Systems</i> , 2016, 20, 113-117.	2.2	6
39	Calmodulin Mediates Ca ²⁺ -Dependent Inhibition of Tie2 Signaling and Acts as a Developmental Brake During Embryonic Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1406-1416.	2.4	5
40	Restorative Mechanism of Neural Progenitor Cells Overexpressing Arginine Decarboxylase Genes Following Ischemic Injury. <i>Experimental Neurobiology</i> , 2019, 28, 85-103.	1.6	4
41	STAT3-mediated <i>MLST8</i> gene expression regulates cap-dependent translation in cancer cells. <i>Molecular Oncology</i> , 2020, 14, 1850-1867.	4.6	4
42	Visualization and Quantitative Analysis of Embryonic Angiogenesis in <i>Xenopus tropicalis</i> . <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2
43	SDF1 in the dorsal corticospinal tract promotes CXCR4+ cell migration after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2011, 8, 37.	7.2	0