

Ki-Jun Yoon

List of Publications by Year in descending order

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45
papers

4,482
citations

361413

20
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

7615
citing authors

#	ARTICLE	IF	CITATIONS
1	Setting the clock of neural progenitor cells during mammalian corticogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2023, 142, 43-53.	5.0	6
2	CYFIP1 Dosages Exhibit Divergent Behavioral Impact via Diametric Regulation of NMDA Receptor Complex Translation in Mouse Models of Psychiatric Disorders. <i>Biological Psychiatry</i> , 2022, 92, 815-826.	1.3	8
3	Partitioning RNAs by length improves transcriptome reconstruction from short-read RNA-seq data. <i>Nature Biotechnology</i> , 2022, 40, 741-750.	17.5	7
4	Engineering Brain Organoids: Toward Mature Neural Circuitry with an Intact Cytoarchitecture. <i>International Journal of Stem Cells</i> , 2022, 15, 41-59.	1.8	11
5	CRISPR/Cas9 technologies to manipulate human induced pluripotent stem cells. , 2021, , 249-287.		0
6	An Integrated Systems Biology Approach Identifies the Proteasome as A Critical Host Machinery for ZIKV and DENV Replication. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 108-122.	6.9	7
7	Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. <i>Nature Communications</i> , 2021, 12, 1398.	12.8	17
8	Neur1 and Neur2 are required for hippocampusâ€dependent spatial memory and synaptic plasticity. <i>Hippocampus</i> , 2020, 30, 1158-1166.	1.9	3
9	Persistent Cyfip1 Expression Is Required to Maintain the Adult Subventricular Zone Neurogenic Niche. <i>Journal of Neuroscience</i> , 2020, 40, 2015-2024.	3.6	6
10	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. <i>PLoS Biology</i> , 2020, 18, e3001002.	5.6	12
11	Epitranscriptomic regulation of transcriptome plasticity in development and diseases of the brain. <i>BMB Reports</i> , 2020, 53, 551-564.	2.4	7
12	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
13	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
14	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
15	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
16	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
17	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
18	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0

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19	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
20	Modeling Host-Virus Interactions in Viral Infectious Diseases Using Stem-Cell-Derived Systems and CRISPR/Cas9 Technology. <i>Viruses</i> , 2019, 11, 124.	3.3	19
21	Past, Present, and Future of Brain Organoid Technology. <i>Molecules and Cells</i> , 2019, 42, 617-627.	2.6	63
22	Epigenetics and epitranscriptomics in temporal patterning of cortical neural progenitor competence. <i>Journal of Cell Biology</i> , 2018, 217, 1901-1914.	5.2	69
23	Coupling Neurogenesis to Circuit Formation. <i>Cell</i> , 2018, 173, 288-290.	28.9	1
24	Multiplexed Biomarker Panels Discriminate Zika and Dengue Virus Infection in Humans. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 349-356.	3.8	19
25	Autocrine Mfge8 Signaling Prevents Developmental Exhaustion of the Adult Neural Stem Cell Pool. <i>Cell Stem Cell</i> , 2018, 23, 444-452.e4.	11.1	64
26	Epitranscriptomes in the Adult Mammalian Brain: Dynamic Changes Regulate Behavior. <i>Neuron</i> , 2018, 99, 243-245.	8.1	24
27	Temporal Control of Mammalian Cortical Neurogenesis by m6A Methylation. <i>Cell</i> , 2017, 171, 877-889.e17.	28.9	567
28	Zika-Virus-Encoded NS2A Disrupts Mammalian Cortical Neurogenesis by Degrading Adherens Junction Proteins. <i>Cell Stem Cell</i> , 2017, 21, 349-358.e6.	11.1	163
29	Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure. <i>Cell</i> , 2016, 165, 1238-1254.	28.9	1,680
30	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. <i>Nucleic Acids Research</i> , 2016, 44, 8610-8620.	14.5	155
31	Tbr2-expressing intermediate progenitor cells in the adult mouse hippocampus are unipotent neuronal precursors with limited amplification capacity under homeostasis. <i>Frontiers in Biology</i> , 2015, 10, 262-271.	0.7	25
32	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. <i>Cell Stem Cell</i> , 2014, 15, 79-91.	11.1	238
33	Synaptic dysregulation in a human iPSC cell model of mental disorders. <i>Nature</i> , 2014, 515, 414-418.	27.8	471
34	Mind bomb-1 is an essential modulator of long-term memory and synaptic plasticity via the Notch signaling pathway. <i>Molecular Brain</i> , 2012, 5, 40.	2.6	26
35	Survival and Differentiation of Mammary Epithelial Cells in Mammary Gland Development Require Nuclear Retention of Id2 Due to RANK Signaling. <i>Molecular and Cellular Biology</i> , 2011, 31, 4775-4788.	2.3	19
36	Molecule-level imaging of Pax6 mRNA distribution in mouse embryonic neocortex by molecular interaction force microscopy. <i>Nucleic Acids Research</i> , 2009, 37, e10-e10.	14.5	25

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37	Crif1 is a novel transcriptional coactivator of STAT3. EMBO Journal, 2008, 27, 642-653.	7.8	61
38	Mind Bomb 1-Expressing Intermediate Progenitors Generate Notch Signaling to Maintain Radial Glial Cells. Neuron, 2008, 58, 519-531.	8.1	175
39	Mind bomb 1 in the lymphopoietic niches is essential for T and marginal zone B cell development. Journal of Experimental Medicine, 2008, 205, 2525-2536.	8.5	46
40	Mind bomb 1 in the lymphopoietic niches is essential for T and marginal zone B cell development. Journal of Cell Biology, 2008, 183, i4-i4.	5.2	0
41	An Obligatory Role of Mind Bomb-1 in Notch Signaling of Mammalian Development. PLoS ONE, 2007, 2, e1221.	2.5	105
42	Snx5, as a Mind bomb-binding protein, is expressed in hematopoietic and endothelial precursor cells in zebrafish. FEBS Letters, 2006, 580, 4409-4416.	2.8	21
43	Neuralized-2 Regulates a Notch Ligand in Cooperation with Mind Bomb-1. Journal of Biological Chemistry, 2006, 281, 36391-36400.	3.4	46
44	Mind Bomb-2 Is an E3 Ligase for Notch Ligand. Journal of Biological Chemistry, 2005, 280, 22335-22342.	3.4	93
45	Mind bomb 1 is essential for generating functional Notch ligands to activate Notch. Development (Cambridge), 2005, 132, 3459-3470.	2.5	221