

Jun Chul Kim

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,943
citations

304743

22
h-index

414414

32
g-index

39
all docs

39
docs citations

39
times ranked

4191
citing authors

#	ARTICLE	IF	CITATIONS
1	Basal body dysfunction is a likely cause of pleiotropic Bardet-Biedl syndrome. <i>Nature</i> , 2003, 425, 628-633.	27.8	607
2	The Bardet-Biedl protein BBS4 targets cargo to the pericentriolar region and is required for microtubule anchoring and cell cycle progression. <i>Nature Genetics</i> , 2004, 36, 462-470.	21.4	372
3	Impaired Respiratory and Body Temperature Control Upon Acute Serotonergic Neuron Inhibition. <i>Science</i> , 2011, 333, 637-642.	12.6	305
4	Multi-Scale Molecular Deconstruction of the Serotonin Neuron System. <i>Neuron</i> , 2015, 88, 774-791.	8.1	178
5	Bidirectional Control of Anxiety-Related Behaviors in Mice: Role of Inputs Arising from the Ventral Hippocampus to the Lateral Septum and Medial Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2017, 42, 1715-1728.	5.4	171
6	MKKS/BBS6, a divergent chaperonin-like protein linked to the obesity disorder Bardet-Biedl syndrome, is a novel centrosomal component required for cytokinesis. <i>Journal of Cell Science</i> , 2005, 118, 1007-1020.	2.0	166
7	Linking Genetically Defined Neurons to Behavior through a Broadly Applicable Silencing Allele. <i>Neuron</i> , 2009, 63, 305-315.	8.1	118
8	Mapping Cell Fate and Function Using Recombinase-Based Intersectional Strategies. <i>Methods in Enzymology</i> , 2010, 477, 183-213.	1.0	109
9	Molecular Neuroanatomy's "Three Gs": A Primer. <i>Neuron</i> , 2007, 54, 17-34.	8.1	107
10	Comparative density of CCK- and PV-GABA cells within the cortex and hippocampus. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 124.	1.7	98
11	Restoring GABAergic inhibition rescues memory deficits in a Huntington's disease mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1618-E1626.	7.1	80
12	Parvalbumin and GAD65 Interneuron Inhibition in the Ventral Hippocampus Induces Distinct Behavioral Deficits Relevant to Schizophrenia. <i>Journal of Neuroscience</i> , 2014, 34, 14948-14960.	3.6	78
13	Hippocampal projections to the anterior olfactory nucleus differentially convey spatiotemporal information during episodic odour memory. <i>Nature Communications</i> , 2018, 9, 2735.	12.8	62
14	Activation of Entorhinal Cortical Projections to the Dentate Gyrus Underlies Social Memory Retrieval. <i>Cell Reports</i> , 2018, 23, 2379-2391.	6.4	56
15	Cholecystokinin-Expressing Interneurons of the Medial Prefrontal Cortex Mediate Working Memory Retrieval. <i>Journal of Neuroscience</i> , 2020, 40, 2314-2331.	3.6	47
16	Selective Activation of Cholecystokinin-Expressing GABA (CCK-GABA) Neurons Enhances Memory and Cognition. <i>ENeuro</i> , 2019, 6, ENEURO.0360-18.2019.	1.9	45
17	Top-down modulation of olfactory-guided behaviours by the anterior olfactory nucleus pars medialis and ventral hippocampus. <i>Nature Communications</i> , 2016, 7, 13721.	12.8	44
18	Olfactory memory representations are stored in the anterior olfactory nucleus. <i>Nature Communications</i> , 2020, 11, 1246.	12.8	41

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19	Cortical interneuron-mediated inhibition delays the onset of amyotrophic lateral sclerosis. <i>Brain</i> , 2020, 143, 800-810.	7.6	38
20	Reduced activity of topoisomerase II in an Adriamycin-resistant human stomach-adenocarcinoma cell line. <i>Cancer Chemotherapy and Pharmacology</i> , 1998, 41, 353-360.	2.3	34
21	Partial Raphe Dysfunction in Neurotransmission Is Sufficient to Increase Mortality after Anoxic Exposures in Mice at a Critical Period in Postnatal Development. <i>Journal of Neuroscience</i> , 2016, 36, 3943-3953.	3.6	29
22	Muscarinic control of rostromedial tegmental nucleus GABA neurons and morphine-induced locomotion. <i>European Journal of Neuroscience</i> , 2016, 44, 1761-1770.	2.6	23
23	Topographic Organization of Hippocampal Inputs to the Anterior Olfactory Nucleus. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 12.	1.7	20
24	Genetic Fate-Mapping Approaches: New Means to Explore the Embryonic Origins of the Cochlear Nucleus. <i>Methods in Molecular Biology</i> , 2009, 493, 65-85.	0.9	20
25	A Novel Multisensory Integration Task Reveals Robust Deficits in Rodent Models of Schizophrenia: Converging Evidence for Remediation via Nicotinic Receptor Stimulation of Inhibitory Transmission in the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 12570-12585.	3.6	17
26	Response to Comment on "Impaired Respiratory and Body Temperature Control Upon Acute Serotonergic Neuron Inhibition". <i>Science</i> , 2012, 337, 646-647.	12.6	13
27	Decreased dendritic spine density as a consequence of tetanus toxin light chain expression in single neurons in vivo. <i>Neuroscience Letters</i> , 2013, 555, 36-41.	2.1	12
28	Hippocampal-hypothalamic circuit controls context-dependent innate defensive responses. <i>ELife</i> , 2022, 11, .	6.0	12
29	Cell type-dependent regulation of human DNA topoisomerase III β gene expression by upstream stimulatory factor 2. <i>FEBS Letters</i> , 2001, 505, 57-62.	2.8	6
30	Three-chamber Social Approach Task with Optogenetic Stimulation (Mice). <i>Bio-protocol</i> , 2018, 8, e3120.	0.4	6
31	Hippocampus-Anterior Hypothalamic Circuit Modulates Stress-Induced Endocrine and Behavioral Response. <i>Frontiers in Neural Circuits</i> , 0, 16, .	2.8	6
32	Behavioral Evaluation of Odor Memory in Mice. <i>Bio-protocol</i> , 2018, 8, e3023.	0.4	4
33	Silencing vesicular neurotransmission in medullary serotonergic (5HT) neurons causes prolonged and failed autoresuscitation during early postnatal life in mice: possible implications for the sudden infant death syndrome (SIDS). <i>FASEB Journal</i> , 2011, 25, 1077.10.	0.5	0
34	Partial silencing of medullary serotonin (5HT) vesicular neurotransmission inhibits respiratory long term facilitation (LTF) but does not prevent apneas in mice. <i>FASEB Journal</i> , 2012, 26, 1089.3.	0.5	0