

# Jun Nagai

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,515  
citations

471509

17  
h-index

552781

26  
g-index

26  
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26  
docs citations

26  
times ranked

2015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Requirement of CRMP2 Phosphorylation in Neuronal Migration of Developing Mouse Cerebral Cortex and Hippocampus and Redundant Roles of CRMP1 and CRMP4. <i>Cerebral Cortex</i> , 2022, 32, 520-527.	2.9	2
2	Behaviorally consequential astrocytic regulation of neural circuits. <i>Neuron</i> , 2021, 109, 576-596.	8.1	150
3	Specific and behaviorally consequential astrocyte Gq GPCR signaling attenuation in vivo with $\beta$ ARK. <i>Neuron</i> , 2021, 109, 2256-2274.e9.	8.1	47
4	Coordination of escape and spatial navigation circuits orchestrates versatile flight from threats. <i>Neuron</i> , 2021, 109, 1848-1860.e8.	8.1	47
5	Context-Specific Striatal Astrocyte Molecular Responses Are Phenotypically Exploitable. <i>Neuron</i> , 2020, 108, 1146-1162.e10.	8.1	73
6	Phosphorylation of CRMP2 is required for migration and positioning of Purkinje cells: Redundant roles of CRMP1 and CRMP4. <i>Brain Research</i> , 2020, 1736, 146762.	2.2	6
7	Lanthionine ketimine ester improves outcome in an MPTP-induced mouse model of Parkinson's disease via suppressions of CRMP2 phosphorylation and microglial activation. <i>Journal of the Neurological Sciences</i> , 2020, 413, 116802.	0.6	6
8	Improved tools to study astrocytes. <i>Nature Reviews Neuroscience</i> , 2020, 21, 121-138.	10.2	178
9	Genetic inhibition of CRMP2 phosphorylation at serine 522 promotes axonal regeneration after optic nerve injury. <i>Scientific Reports</i> , 2019, 9, 7188.	3.3	17
10	Genetic inhibition of CRMP2 phosphorylation delays Wallerian degeneration after optic nerve injury. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 1037-1039.	2.1	9
11	Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. <i>Cell</i> , 2019, 177, 1280-1292.e20.	28.9	228
12	A genetically encoded single-wavelength sensor for imaging cytosolic and cell surface ATP. <i>Nature Communications</i> , 2019, 10, 711.	12.8	185
13	Genetic suppression of collapsin response mediator protein 2 phosphorylation improves outcome in methylphenyltetrahydropyridine-induced Parkinson's model mice. <i>Genes To Cells</i> , 2019, 24, 31-40.	1.2	16
14	Reducing Astrocyte Calcium Signaling In vivo Alters Striatal Microcircuits and Causes Repetitive Behavior. <i>Neuron</i> , 2018, 99, 1170-1187.e9.	8.1	234
15	CRMPs Function in Neurons and Glial Cells: Potential Therapeutic Targets for Neurodegenerative Diseases and CNS Injury. <i>Molecular Neurobiology</i> , 2017, 54, 4243-4256.	4.0	29
16	Cdk5 is required for the positioning and survival of GABAergic neurons in developing mouse striatum. <i>Developmental Neurobiology</i> , 2017, 77, 483-492.	3.0	3
17	Lanthionine ketimine ester promotes locomotor recovery after spinal cord injury by reducing neuroinflammation and promoting axon growth. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 759-764.	2.1	20
18	CRMP1 and CRMP4 are required for proper orientation of dendrites of cerebral pyramidal neurons in the developing mouse brain. <i>Brain Research</i> , 2017, 1655, 161-167.	2.2	11

#	ARTICLE	IF	CITATIONS
19	Phosphorylation of CRMP2 by Cdk5 Regulates Dendritic Spine Development of Cortical Neuron in the Mouse Hippocampus. <i>Neural Plasticity</i> , 2016, 2016, 1-7.	2.2	33
20	Loss of collapsin response mediator protein 4 suppresses dopaminergic neuron death in an 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced mouse model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2016, 137, 795-805.	3.9	14
21	Inhibition of CRMP2 phosphorylation repairs CNS by regulating neurotrophic and inhibitory responses. <i>Experimental Neurology</i> , 2016, 277, 283-295.	4.1	44
22	Deletion of Crmp4 attenuates CSPG-induced inhibition of axonal growth and induces nociceptive recovery after spinal cord injury. <i>Molecular and Cellular Neurosciences</i> , 2016, 74, 42-48.	2.2	17
23	Crmp4 deletion promotes recovery from spinal cord injury by neuroprotection and limited scar formation. <i>Scientific Reports</i> , 2015, 5, 8269.	3.3	34
24	Phosphorylation of CRMP2 is involved in proper bifurcation of the apical dendrite of hippocampal CA1 pyramidal neurons. <i>Developmental Neurobiology</i> , 2013, 73, 142-151.	3.0	34
25	CRMP4 mediates MAG-induced inhibition of axonal outgrowth and protection against Vincristine-induced axonal degeneration. <i>Neuroscience Letters</i> , 2012, 519, 56-61.	2.1	20
26	CRMP4 suppresses apical dendrite bifurcation of CA1 pyramidal neurons in the mouse hippocampus. <i>Developmental Neurobiology</i> , 2012, 72, 1447-1457.	3.0	58