

# Kouichi C Nakamura

## List of Publications by Year in descending order

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47  
papers

4,263  
citations

172457

29  
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243625

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54  
all docs

54  
docs citations

54  
times ranked

4996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Input Zone-Selective Dysrhythmia in Motor Thalamus after Dopamine Depletion. <i>Journal of Neuroscience</i> , 2021, 41, 10382-10404.	3.6	7
2	Focal inputs are a potential origin of local field potential (LFP) in the brain regions without laminar structure. <i>PLoS ONE</i> , 2019, 14, e0226028.	2.5	12
3	Shaping somatosensory responses in awake rats: cortical modulation of thalamic neurons. <i>Brain Structure and Function</i> , 2018, 223, 851-872.	2.3	8
4	A Population of Indirect Pathway Striatal Projection Neurons Is Selectively Entrained to Parkinsonian Beta Oscillations. <i>Journal of Neuroscience</i> , 2017, 37, 9977-9998.	3.6	98
5	Glycogen distribution in the microwave-fixed mouse brain reveals heterogeneous astrocytic patterns. <i>Glia</i> , 2016, 64, 1532-1545.	4.9	102
6	Secretagogin expression delineates functionally-specialized populations of striatal parvalbumin-containing interneurons. <i>ELife</i> , 2016, 5, .	6.0	43
7	Prototypic and Arky pallidal Neurons in the Dopamine-Intact External Globus Pallidus. <i>Journal of Neuroscience</i> , 2015, 35, 6667-6688.	3.6	200
8	Temporal Coupling with Cortex Distinguishes Spontaneous Neuronal Activities in Identified Basal Ganglia-Recipient and Cerebellar-Recipient Zones of the Motor Thalamus. <i>Cerebral Cortex</i> , 2014, 24, 81-97.	2.9	49
9	Quantitative analysis of axon bouton distribution of subthalamic nucleus neurons in the rat by single neuron visualization with a viral vector. <i>Journal of Comparative Neurology</i> , 2013, 521, 2125-2146.	1.6	41
10	Dichotomous Organization of the External Globus Pallidus. <i>Neuron</i> , 2012, 74, 1075-1086.	8.1	367
11	Single subthalamic neurons target the striatum in rat: Complete visualization with a viral vector. <i>Neuroscience Research</i> , 2011, 71, e142.	1.9	0
12	Complementary distribution of glutamatergic cerebellar and GABAergic basal ganglia afferents to the rat motor thalamic nuclei. <i>European Journal of Neuroscience</i> , 2011, 33, 95-109.	2.6	106
13	Exclusive and common targets of neostriatofugal projections of rat striosome neurons: a single neuron-tracing study using a viral vector. <i>European Journal of Neuroscience</i> , 2011, 33, 668-677.	2.6	227
14	Tangential migration and proliferation of intermediate progenitors of GABAergic neurons in the mouse telencephalon. <i>Development (Cambridge)</i> , 2011, 138, 2499-2509.	2.5	29
15	Expression of Gap Junction Protein Connexin36 in Multiple Subtypes of GABAergic Neurons in Adult Rat Somatosensory Cortex. <i>Cerebral Cortex</i> , 2011, 21, 2639-2649.	2.9	35
16	Local Connections of Excitatory Neurons to Corticothalamic Neurons in the Rat Barrel Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 18223-18236.	3.6	25
17	Vesicular glutamate transporter 3-expressing nonserotonergic projection neurons constitute a subregion in the rat midbrain raphe nuclei. <i>Journal of Comparative Neurology</i> , 2010, 518, 668-686.	1.6	194
18	Ischemia-induced neurogenesis of neocortical layer 1 progenitor cells. <i>Nature Neuroscience</i> , 2010, 13, 173-179.	14.8	198

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19	Single Nigrostriatal Dopaminergic Neurons Form Widely Spread and Highly Dense Axonal Arborizations in the Neostriatum. <i>Journal of Neuroscience</i> , 2009, 29, 444-453.	3.6	670
20	Two Types of Thalamocortical Projections from the Motor Thalamic Nuclei of the Rat: A Single Neuron-Tracing Study Using Viral Vectors. <i>Cerebral Cortex</i> , 2009, 19, 2065-2077.	2.9	250
21	Axon terminals expressing vesicular glutamate transporter VGLUT1 or VGLUT2 within the trigeminal motor nucleus of the rat: Origins and distribution patterns. <i>Journal of Comparative Neurology</i> , 2009, 512, 595-612.	1.6	29
22	Axon terminals expressing vesicular glutamate transporter VGLUT1 or VGLUT2 within the trigeminal motor nucleus of the rat: Origins and distribution patterns. <i>Journal of Comparative Neurology</i> , 2009, 512, spc1-spc1.	1.6	0
23	Axon terminals expressing vesicular glutamate transporter VGLUT1 or VGLUT2 within the trigeminal motor nucleus of the rat: Origins and distribution patterns. <i>Journal of Comparative Neurology</i> , 2009, 512, spc1-spc1.	1.6	0
24	High-level transgene expression in neurons by lentivirus with Tet-Off system. <i>Neuroscience Research</i> , 2009, 63, 149-154.	1.9	63
25	Cortical activity regulates corticothalamic synapses in dorsal lateral geniculate nucleus of rats. <i>Neuroscience Research</i> , 2009, 64, 118-127.	1.9	17
26	Afferent islands are larger than $\hat{1}/4$ -opioid receptor patch in striatum of rat pups. <i>NeuroReport</i> , 2009, 20, 584-588.	1.2	10
27	Quantification and characterization of GABAergic amacrine cells in the retina of GAD67 $\hat{a}$ EGFP knock $\hat{a}$ in mice. <i>Acta Ophthalmologica</i> , 2008, 86, 395-400.	1.1	24
28	Paucity of enkephalin production in neostriatal striosomal neurons: analysis with preproenkephalin $\hat{a}$ green fluorescent protein transgenic mice. <i>European Journal of Neuroscience</i> , 2008, 28, 2053-2064.	2.6	30
29	Some $\hat{1}^3$ -motoneurons contain $\hat{1}^3$ -aminobutyric acid in the rat cervical spinal cord. <i>Brain Research</i> , 2008, 1201, 78-87.	2.2	8
30	Targeting green fluorescent protein to dendritic membrane in central neurons. <i>Neuroscience Research</i> , 2008, 61, 79-91.	1.9	45
31	Inhibitory Gating of Vibrissal Inputs in the Brainstem. <i>Journal of Neuroscience</i> , 2008, 28, 1789-1797.	3.6	70
32	Production and Histological Application of Affinity-purified Antibodies to Heat-denatured Green Fluorescent Protein. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 647-657.	2.5	50
33	Metabotropic glutamate receptor 4-immunopositive terminals of medium-sized spiny neurons selectively form synapses with cholinergic interneurons in the rat neostriatum. <i>Journal of Comparative Neurology</i> , 2007, 500, 908-922.	1.6	12
34	$\hat{1}^3$ -Aminobutyric acid-containing sympathetic preganglionic neurons in rat thoracic spinal cord send their axons to the superior cervical ganglion. <i>Journal of Comparative Neurology</i> , 2007, 502, 113-125.	1.6	66
35	Efficient gene transduction of neurons by lentivirus with enhanced neuron-specific promoters. <i>Gene Therapy</i> , 2007, 14, 872-882.	4.5	134
36	Transiently increased colocalization of vesicular glutamate transporters 1 and 2 at single axon terminals during postnatal development of mouse neocortex: a quantitative analysis with correlation coefficient. <i>European Journal of Neuroscience</i> , 2007, 26, 3054-3067.	2.6	90

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37	Expression of D1 but not D2 dopamine receptors in striatal neurons producing neurokininâ€fB in rats. <i>European Journal of Neuroscience</i> , 2007, 26, 3093-3103.	2.6	16
38	Difference in organization of corticostriatal and thalamostriatal synapses between patch and matrix compartments of rat neostriatum. <i>European Journal of Neuroscience</i> , 2006, 24, 2813-2824.	2.6	68
39	Homozygous GAD65 and heterozygous GAD67 knock-out mice reveal normal retinal development and maintenance despite reduced amounts of GABA. <i>Acta Neuropathologica</i> , 2006, 113, 101-103.	7.7	5
40	Angular Tuning Bias of Vibrissa-Responsive Cells in the Paralemniscal Pathway. <i>Journal of Neuroscience</i> , 2006, 26, 10548-10557.	3.6	35
41	Postnatal changes of vesicular glutamate transporter (VGLUT)1 and VGLUT2 immunoreactivities and their colocalization in the mouse forebrain. <i>Journal of Comparative Neurology</i> , 2005, 492, 263-288.	1.6	139
42	Pyramidal neurons of upper cortical layers generated by NEX-positive progenitor cells in the subventricular zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17172-17177.	7.1	175
43	Efferent and afferent connections of GABAergic neurons in the supratrigeminal and the intertrigeminal regions. <i>Neuroscience Research</i> , 2005, 51, 81-91.	1.9	27
44	Radial glia is a progenitor of neocortical neurons in the developing cerebral cortex. <i>Neuroscience Research</i> , 2001, 41, 51-60.	1.9	256
45	Cell migration from the corticostriatal angle to the basal telencephalon in rat embryos. <i>NeuroReport</i> , 2001, 12, 775-780.	1.2	15
46	In Vivo Transduction of Central Neurons Using Recombinant Sindbis Virus. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 1497-1507.	2.5	106
47	Neurons in Golgi-stain-like images revealed by GFP-adenovirus infection in vivo. <i>Neuroscience Research</i> , 2000, 38, 231-236.	1.9	112