

Kouichi C Nakamura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/982527/publications.pdf>

Version: 2024-02-01

47
papers

4,263
citations

172457

29
h-index

243625

44
g-index

54
all docs

54
docs citations

54
times ranked

4996
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | Dichotomous Organization of the External Globus Pallidus. <i>Neuron</i> , 2012, 74, 1075-1086. | 8.1 | 367 |
| 3 | Radial glia is a progenitor of neocortical neurons in the developing cerebral cortex. <i>Neuroscience Research</i> , 2001, 41, 51-60. | 1.9 | 256 |
| 4 | 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 |
| 5 | 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 |
| 6 | Prototypic and Arkypallidal Neurons in the Dopamine-Intact External Globus Pallidus. <i>Journal of Neuroscience</i> , 2015, 35, 6667-6688. | 3.6 | 200 |
| 7 | Ischemia-induced neurogenesis of neocortical layer 1 progenitor cells. <i>Nature Neuroscience</i> , 2010, 13, 173-179. | 14.8 | 198 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Efficient gene transduction of neurons by lentivirus with enhanced neuron-specific promoters. <i>Gene Therapy</i> , 2007, 14, 872-882. | 4.5 | 134 |
| 12 | Neurons in Golgi-stain-like images revealed by GFP-adenovirus infection in vivo. <i>Neuroscience Research</i> , 2000, 38, 231-236. | 1.9 | 112 |
| 13 | In Vivo Transduction of Central Neurons Using Recombinant Sindbis Virus. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 1497-1507. | 2.5 | 106 |
| 14 | 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 |
| 15 | Glycogen distribution in the microwave-fixed mouse brain reveals heterogeneous astrocytic patterns. <i>Glia</i> , 2016, 64, 1532-1545. | 4.9 | 102 |
| 16 | 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 |
| 17 | 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 |
| 18 | Inhibitory Gating of Vibrissal Inputs in the Brainstem. <i>Journal of Neuroscience</i> , 2008, 28, 1789-1797. | 3.6 | 70 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | β -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 |
| 21 | High-level transgene expression in neurons by lentivirus with Tet-Off system. <i>Neuroscience Research</i> , 2009, 63, 149-154. | 1.9 | 63 |
| 22 | 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 |
| 23 | 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 |
| 24 | Targeting green fluorescent protein to dendritic membrane in central neurons. <i>Neuroscience Research</i> , 2008, 61, 79-91. | 1.9 | 45 |
| 25 | Secretagogin expression delineates functionally-specialized populations of striatal parvalbumin-containing interneurons. <i>ELife</i> , 2016, 5, . | 6.0 | 43 |
| 26 | 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 |
| 27 | Angular Tuning Bias of Vibrissa-Responsive Cells in the Paralemniscal Pathway. <i>Journal of Neuroscience</i> , 2006, 26, 10548-10557. | 3.6 | 35 |
| 28 | 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 |
| 29 | Paucity of enkephalin production in neostriatal striosomal neurons: analysis with preproenkephalin-green fluorescent protein transgenic mice. <i>European Journal of Neuroscience</i> , 2008, 28, 2053-2064. | 2.6 | 30 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Quantification and characterization of GABAergic amacrine cells in the retina of GAD67-GFP knock-in mice. <i>Acta Ophthalmologica</i> , 2008, 86, 395-400. | 1.1 | 24 |
| 35 | Cortical activity regulates corticothalamic synapses in dorsal lateral geniculate nucleus of rats. <i>Neuroscience Research</i> , 2009, 64, 118-127. | 1.9 | 17 |
| 36 | Expression of D1 but not D2 dopamine receptors in striatal neurons producing neurokinin-B in rats. <i>European Journal of Neuroscience</i> , 2007, 26, 3093-3103. | 2.6 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Cell migration from the corticostriatal angle to the basal telencephalon in rat embryos. <i>NeuroReport</i> , 2001, 12, 775-780. | 1.2 | 15 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | Shaping somatosensory responses in awake rats: cortical modulation of thalamic neurons. <i>Brain Structure and Function</i> , 2018, 223, 851-872. | 2.3 | 8 |
| 43 | Input Zone-Selective Dysrhythmia in Motor Thalamus after Dopamine Depletion. <i>Journal of Neuroscience</i> , 2021, 41, 10382-10404. | 3.6 | 7 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | Single subthalamic neurons target the striatum in rat: Complete visualization with a viral vector. <i>Neuroscience Research</i> , 2011, 71, e142. | 1.9 | 0 |