

Masaaki Kuwajima

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17 papers	588 citations	13 h-index	18 g-index
18 ext. papers	637 ext. citations	4.3 avg, IF	3.47 L-index

#	Paper	IF	Citations
17	Glutamate and GABA receptors and transporters in the basal ganglia: what does their subsynaptic localization reveal about their function?. <i>Neuroscience</i> , 2006 , 143, 351-75	3.9	88
16	Ionotropic and metabotropic GABA and glutamate receptors in primate basal ganglia. <i>Journal of Chemical Neuroanatomy</i> , 2001 , 22, 13-42	3.2	67
15	Subcellular and subsynaptic localization of group I metabotropic glutamate receptors in the monkey subthalamic nucleus. <i>Journal of Comparative Neurology</i> , 2004 , 474, 589-602	3.4	61
14	Dynamics of nascent and active zone ultrastructure as synapses enlarge during long-term potentiation in mature hippocampus. <i>Journal of Comparative Neurology</i> , 2014 , 522, 3861-84	3.4	48
13	Automated transmission-mode scanning electron microscopy (tSEM) for large volume analysis at nanoscale resolution. <i>PLoS ONE</i> , 2013 , 8, e59573	3.7	48
12	Behavior-related changes in the activity of substantia nigra pars reticulata neurons in freely moving rats. <i>Brain Research</i> , 1999 , 845, 68-76	3.7	40
11	Aromatase inhibition reduces dendritic growth in a sexually dimorphic rat spinal nucleus 1999 , 38, 301-312		37
10	Long-term potentiation expands information content of hippocampal dentate gyrus synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2410-E2418 ^{11.5}		33
9	Beyond counts and shapes: studying pathology of dendritic spines in the context of the surrounding neuropil through serial section electron microscopy. <i>Neuroscience</i> , 2013 , 251, 75-89	3.9	33
8	Localization and expression of group I metabotropic glutamate receptors in the mouse striatum, globus pallidus, and subthalamic nucleus: regulatory effects of MPTP treatment and constitutive Homer deletion. <i>Journal of Neuroscience</i> , 2007 , 27, 6249-60	6.6	33
7	Large-volume reconstruction of brain tissue from high-resolution serial section images acquired by SEM-based scanning transmission electron microscopy. <i>Methods in Molecular Biology</i> , 2013 , 950, 253-73 ^{1.4}		29
6	An electron microscope immunocytochemical study of GABA(B) R2 receptors in the monkey basal ganglia: a comparative analysis with GABA(B) R1 receptor distribution. <i>Journal of Comparative Neurology</i> , 2004 , 476, 65-79	3.4	22
5	Structural plasticity of dendritic secretory compartments during LTP-induced synaptogenesis. <i>ELife</i> , 2019 , 8,	8.9	19
4	Amphetamine-induced behavioral activation is associated with variable changes in basal ganglia output neurons recorded from awake, behaving rats. <i>Brain Research</i> , 2004 , 1012, 108-18	3.7	13
3	Astrocytic and neuronal localization of the scaffold protein Na ⁺ /H ⁺ exchanger regulatory factor 2 (NHERF-2) in mouse brain. <i>Journal of Comparative Neurology</i> , 2006 , 494, 752-62	3.4	12
2	Ultrastructure of light-activated axons following optogenetic stimulation to produce late-phase long-term potentiation. <i>PLoS ONE</i> , 2020 , 15, e0226797	3.7	4
1	GABAA receptor diversity revealed in freeze-fracture replica (commentary on Kasugai et al.). <i>European Journal of Neuroscience</i> , 2010 , 32, 1866-7	3.5	

