

Kazuyuki Kiyosue

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

775
citations

840119

11
h-index

713013

21
g-index

30
all docs

30
docs citations

30
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple functions of precursor BDNF to CNS neurons: negative regulation of neurite growth, spine formation and cell survival. <i>Molecular Brain</i> , 2009, 2, 27.	1.3	155
2	Brain-Derived Neurotrophic Factor Regulates Cholesterol Metabolism for Synapse Development. <i>Journal of Neuroscience</i> , 2007, 27, 6417-6427.	1.7	147
3	Optical microscopic observation of fluorescence enhanced by grating-coupled surface plasmon resonance. <i>Optics Express</i> , 2008, 16, 9781.	1.7	92
4	Micropatterned Composite Membranes of Polymerized and Fluid Lipid Bilayers. <i>Langmuir</i> , 2004, 20, 7729-7735.	1.6	81
5	Diminished Neuronal Activity Increases Neuron-Neuron Connectivity Underlying Silent Synapse Formation and the Rapid Conversion of Silent to Functional Synapses. <i>Journal of Neuroscience</i> , 2005, 25, 4040-4051.	1.7	76
6	Basic Fibroblast Growth Factor Evokes a Rapid Glutamate Release through Activation of the MAPK Pathway in Cultured Cortical Neurons*. <i>Journal of Biological Chemistry</i> , 2002, 277, 28861-28869.	1.6	42
7	Long-lasting enhancement of synaptic activity in dissociated cerebral neurons induced by brief exposure to Mg ²⁺ -free conditions. <i>Neuroscience Research</i> , 1997, 28, 337-344.	1.0	28
8	Synapse formation in dissociated cell cultures of embryonic chick cerebral neurons. <i>Developmental Brain Research</i> , 1993, 74, 146-150.	2.1	24
9	PKC and CaMKII dependent synaptic potentiation in cultured cerebral neurons. <i>Brain Research</i> , 2001, 915, 79-87.	1.1	22
10	Selective formation of silent synapses on immature postsynaptic cells in cocultures of chick neurons of different ages. <i>Developmental Brain Research</i> , 1997, 99, 201-207.	2.1	16
11	MDP77: A Novel Neurite-Outgrowth-Promoting Protein Predominantly Expressed in Chick Muscles. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 564-569.	1.0	13
12	New Alzheimer's disease model mouse specialized for analyzing the function and toxicity of intraneuronal Amyloid β oligomers. <i>Scientific Reports</i> , 2019, 9, 17368.	1.6	13
13	Two modes of activity-dependent synaptogenesis of cerebral neurons in vitro. <i>NeuroReport</i> , 1996, 7, 701-704.	0.6	9
14	A synaptic potentiation by a protein factor distinct from those induced by neurotrophins. <i>International Journal of Developmental Neuroscience</i> , 2002, 20, 55-62.	0.7	8
15	Re-expression of NR2B-containing NMDA receptors in vitro by suppression of neuronal activity. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 59-65.	0.7	8
16	Development of new screening system for Alzheimer disease, in vitro A β sink assay, to identify the dissociation of soluble A β from fibrils. <i>Neurobiology of Disease</i> , 2006, 22, 487-495.	2.1	8
17	Development of two transmitter release components during the critical period for imprinting in the chick IMHV. <i>European Journal of Neuroscience</i> , 2002, 16, 1587-1592.	1.2	7
18	Fluorescence microscopy imaging of cells with a plasmonic dish integrally molded. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DF12.	0.8	6

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19	Okadaic acid gives concentration-dependent reciprocal effects on the fluid phase endocytosis activated by Ca ²⁺ and phorbol 12-myristate 13-acetate. , 1996, 166, 66-75.		5
20	Chick muscle-derived protein 62: a novel neurite outgrowth promoting protein. Neuroscience Letters, 2000, 284, 61-64.	1.0	5
21	Epstein-Barr virus-derived vector suitable for long-term expression in neurons. Heliyon, 2020, 6, e03504.	1.4	5
22	Synaptic potentiation induced by a protein factor in cultured cerebral neurons. Cellular and Molecular Neurobiology, 1999, 19, 575-585.	1.7	4
23	Precursor BDNF is a novel regulator of synapse degeneration. Neuroscience Research, 2007, 58, S11.	1.0	0
24	BDNF stimulates neuronal cholesterol biosynthesis and accumulates presynaptic proteins in lipid rafts. Neuroscience Research, 2007, 58, S20.	1.0	0
25	Metabolomic analysis for Brain-derived neurotrophic factor signaling. Neuroscience Research, 2009, 65, S41.	1.0	0