

Shun Hamada

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,051
citations

331670

21
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

1873
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Diversity Revealed by a Novel Family of Cadherins Expressed in Neurons at a Synaptic Complex. <i>Neuron</i> , 1998, 20, 1137-1151. | 8.1 | 425 |
| 2 | Monoallelic yet combinatorial expression of variable exons of the protocadherin- $\hat{1}\pm$ gene cluster in single neurons. <i>Nature Genetics</i> , 2005, 37, 171-176. | 21.4 | 246 |
| 3 | Protocadherin- $\hat{1}\pm$ Family Is Required for Serotonergic Projections to Appropriately Innervate Target Brain Areas. <i>Journal of Neuroscience</i> , 2009, 29, 9137-9147. | 3.6 | 146 |
| 4 | The protocadherin- $\hat{1}\pm$ family is involved in axonal coalescence of olfactory sensory neurons into glomeruli of the olfactory bulb in mouse. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 66-79. | 2.2 | 120 |
| 5 | Genomic Organization of the Family of CNR Cadherin Genes in Mice and Humans. <i>Genomics</i> , 2000, 63, 75-87. | 2.9 | 112 |
| 6 | Localization of 5-HT _{2A} Receptor in rat cerebral cortex and olfactory system revealed by immunohistochemistry using two antibodies raised in rabbit and chicken. <i>Molecular Brain Research</i> , 1998, 54, 199-211. | 2.3 | 106 |
| 7 | Interaction with Protocadherin- $\hat{3}$ Regulates the Cell Surface Expression of Protocadherin- $\hat{1}\pm$. <i>Journal of Biological Chemistry</i> , 2004, 279, 49508-49516. | 3.4 | 90 |
| 8 | Maturation of the olfactory sensory neurons by Apaf-1/caspase-9-mediated caspase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13366-13371. | 7.1 | 72 |
| 9 | Synaptic loss following removal of serotonergic fibers in newly hatched and adult chickens. <i>Journal of Neurobiology</i> , 1993, 24, 687-698. | 3.6 | 65 |
| 10 | PCPA reduces both monoaminergic afferents and nonmonoaminergic synapses in the cerebral cortex. <i>Neuroscience Research</i> , 1994, 19, 111-115. | 1.9 | 65 |
| 11 | The cellular localization of 5-HT _{2A} receptors in the spinal cord and spinal ganglia of the adult rat. <i>Brain Research</i> , 1998, 797, 118-124. | 2.2 | 64 |
| 12 | Down-regulation of protocadherin- $\hat{1}\pm$ A isoforms in mice changes contextual fear conditioning and spatial working memory. <i>European Journal of Neuroscience</i> , 2008, 28, 1362-1376. | 2.6 | 59 |
| 13 | Cadherin-related neuronal receptor 1 (CNR1) has cell adhesion activity with $\hat{2}1$ integrin mediated through the RGD site of CNR1. <i>Experimental Cell Research</i> , 2004, 294, 494-508. | 2.6 | 47 |
| 14 | The cadherin-related neuronal receptor family: a novel diversified cadherin family at the synapse. <i>Neuroscience Research</i> , 2001, 41, 207-215. | 1.9 | 35 |
| 15 | CNR/Pcdh- $\hat{1}\pm$ family in subplate neurons, and developing cortical connectivity. <i>NeuroReport</i> , 2004, 15, 2595-2599. | 1.2 | 33 |
| 16 | Long term depletion of serotonin leads to selective changes in glutamate receptor subunits. <i>Neuroscience Research</i> , 2000, 38, 365-371. | 1.9 | 32 |
| 17 | Constitutively expressed Protocadherin- $\hat{1}\pm$ regulates the coalescence and elimination of homotypic olfactory axons through its cytoplasmic region. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 97. | 2.9 | 32 |
| 18 | Caspase-9 Activation Revealed by Semaphorin 7A Cleavage Is Independent of Apoptosis in the Aged Olfactory Bulb. <i>Journal of Neuroscience</i> , 2009, 29, 11385-11392. | 3.6 | 30 |

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|----|--|-----|-----------|
| 19 | Serotonin 2A receptor-like immunoreactivity is detected in astrocytes but not in oligodendrocytes of rat spinal cord. <i>Brain Research</i> , 2001, 889, 270-273. | 2.2 | 27 |
| 20 | Myelination triggers local loss of axonal CNR/protocadherin $\hat{1}\pm$ family protein expression. <i>European Journal of Neuroscience</i> , 2004, 20, 2843-2847. | 2.6 | 26 |
| 21 | Serotonin2A receptor-like immunoreactivity in rat cerebellar Purkinje cells. <i>Neuroscience Letters</i> , 1998, 252, 72-74. | 2.1 | 25 |
| 22 | Distinct genomic sequence of the CNR/Pcdh $\hat{1}\pm$ genes in chicken. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 437-445. | 2.1 | 22 |
| 23 | Regional Differences of Serotonin-Mediated Synaptic Plasticity in the Chicken Spinal Cord With Development and Aging. <i>Journal of Neural Transplantation & Plasticity</i> , 1997, 6, 41-48. | 0.7 | 21 |
| 24 | Novel function of neuronal PAS domain protein 1 in erythropoietin expression in neuronal cells. <i>Journal of Neuroscience Research</i> , 2005, 79, 451-458. | 2.9 | 20 |
| 25 | Mouse Embryos and Chimera Cloned from Neural Cells in the Postnatal Cerebral Cortex. <i>Cloning and Stem Cells</i> , 2005, 7, 45-61. | 2.6 | 19 |
| 26 | Two Novel CNRs from the CNR Gene Cluster Have Molecular Features Distinct from Those of CNR1 to 8. <i>Genomics</i> , 2001, 72, 321-330. | 2.9 | 17 |
| 27 | Exposure to hexanal odor influences maternal behavior and induces neonatal death in Fyn tyrosine kinase-deficient mice. <i>Neuroscience Research</i> , 2004, 48, 259-267. | 1.9 | 15 |
| 28 | Species differences in the distribution and coexistence ratio of serotonin and substance P in the monkey, cat, rat and chick spinal cord. <i>Neuroscience Letters</i> , 1991, 132, 155-158. | 2.1 | 12 |
| 29 | Developmental Pluripotency of the Nuclei of Neurons in the Cerebral Cortex of Juvenile Mice. <i>Journal of Neuroscience</i> , 2005, 25, 8368-8374. | 3.6 | 12 |
| 30 | Thiamine Deficiency Induces Massive Cell Death in the Olfactory Bulbs of Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 1193-1202. | 1.7 | 12 |
| 31 | Expression and light-dependent translocation of $\hat{1}^2$ -arrestin in the visual system of the terrestrial slug <i>Limax valentianus</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 3301-3314. | 1.7 | 10 |
| 32 | $\hat{1}^2$ -N-methylamino-L-alanine (BMAA) suppresses cell cycle progression of non-neuronal cells. <i>Scientific Reports</i> , 2018, 8, 17995. | 3.3 | 10 |
| 33 | ZSWIM8 is a myogenic protein that partly prevents C2C12 differentiation. <i>Scientific Reports</i> , 2021, 11, 20880. | 3.3 | 9 |
| 34 | Immunohistochemical examination of intraspinal serotonin neurons and fibers in the chicken lumbar spinal cord and coexistence with Leu-enkephalin. <i>Cell and Tissue Research</i> , 1995, 282, 387-397. | 2.9 | 5 |
| 35 | Exposure to hexanal odor induces extraordinary Fos expression in the medial preoptic area and amygdala of Fyn tyrosine kinase-deficient mice. <i>Molecular Brain Research</i> , 2004, 130, 187-190. | 2.3 | 4 |
| 36 | Thrombospondin Type-1 Repeat Domain-Containing Proteins Are Strongly Expressed in the Head Region of Hydra. <i>PLoS ONE</i> , 2016, 11, e0151823. | 2.5 | 3 |

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|----|---|-----|-----------|
| 37 | Diversity of the cadherin-related neuronal receptor family in the nervous system. International Congress Series, 2002, 1246, 127-136. | 0.2 | 2 |
| 38 | The presynaptic active zone protein Bassoon as a marker for synapses between Type III cells and afferent nerve fibers in taste buds. Chemical Senses, 2022, 47, . | 2.0 | 1 |
| 39 | Transgenic rat model of childhood-onset dermatitis by overexpressing telomerase reverse transcriptase (TERT). Transgenic Research, 2016, 25, 413-424. | 2.4 | 0 |