# Hiroki Yamanaka

List of Publications by Year
in descending order

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|---|---|---|---|
| 38<br>papers | 2,500<br>citations | 331670<br>21<br>h-index | 395702<br>33<br>g-index |
| 39<br>all docs | 39<br>docs citations | 39<br>times ranked | 2537<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Distinct expression of TRPM8, TRPA1, and TRPV1 mRNAs in rat primary afferent neurons with aÎ´/câ€fibers and colocalization with trk receptors. Journal of Comparative Neurology, 2005, 493, 596-606. | 1.6 | 674 |
| 2 | TRPA1 induced in sensory neurons contributes to cold hyperalgesia after inflammation and nerve injury. Journal of Clinical Investigation, 2005, 115, 2393-2401. | 8.2 | 542 |
| 3 | Phospholipase C and protein kinase A mediate bradykinin sensitization of TRPA1: a molecular mechanism of inflammatory pain. Brain, 2008, 131, 1241-1251. | 7.6 | 232 |
| 4 | VR1, but not P2X3, increases in the spared L4 DRG in rats with L5 spinal nerve ligation. Pain, 2002, 99, 111-120. | 4.2 | 166 |
| 5 | Activation of p38 MAPK in primary afferent neurons by noxious stimulation and its involvement in the development of thermal hyperalgesia. Pain, 2005, 113, 51-60. | 4.2 | 81 |
| 6 | Macrophage-Colony Stimulating Factor Derived from Injured Primary Afferent Induces Proliferation of Spinal Microglia and Neuropathic Pain in Rats. PLoS ONE, 2016, 11, e0153375. | 2.5 | 79 |
| 7 | Protease M/neurosin mRNA is expressed in mature oligodendrocytes. Molecular Brain Research, 1999, 71, 217-224. | 2.3 | 72 |
| 8 | Negative Regulation of TRPA1 by AMPK in Primary Sensory Neurons as a Potential Mechanism of Painful Diabetic Neuropathy. Diabetes, 2018, 67, 98-109. | 0.6 | 68 |
| 9 | Peripherally Increased Artemin is a Key Regulator of TRPA1/V1 Expression in Primary Afferent Neurons. Molecular Pain, 2015, 11, s12990-015-0004. | 2.1 | 57 |
| 10 | Roles of extracellular signal-regulated protein kinases 5 in spinal microglia and primary sensory neurons for neuropathic pain. Journal of Neurochemistry, 2007, 102, 1569-1584. | 3.9 | 50 |
| 11 | Tissue plasminogen activator in primary afferents induces dorsal horn excitability and pain response after peripheral nerve injury. European Journal of Neuroscience, 2004, 19, 93-102. | 2.6 | 49 |
| 12 | Leukotriene synthases and the receptors induced by peripheral nerve injury in the spinal cord contribute to the generation of neuropathic pain. Glia, 2010, 58, 599-610. | 4.9 | 48 |
| 13 | Noxious cold stimulation induces mitogen-activated protein kinase activation in transient receptor potential (TRP) channels TRPA1- and TRPM8-containing small sensory neurons. Neuroscience, 2006, 140, 1337-1348. | 2.3 | 44 |
| 14 | Microglial TNFÎ± Induces COX2 and PGI2 Synthase Expression in Spinal Endothelial Cells during Neuropathic Pain. ENeuro, 2017, 4, ENEURO.0064-17.2017. | 1.9 | 42 |
| 15 | Tissue type plasminogen activator induced in rat dorsal horn astrocytes contributes to mechanical hypersensitivity following dorsal root injury. Glia, 2007, 55, 595-603. | 4.9 | 37 |
| 16 | Induction of plasminogen activator inhibitor-1 and -2 in dorsal root ganglion neurons after peripheral nerve injury. Neuroscience, 2005, 132, 183-191. | 2.3 | 36 |
| 17 | Expression of Leukotriene Receptors in the Rat Dorsal Root Ganglion and the Effects on Pain Behaviors. Molecular Pain, 2010, 6, 1744-8069-6-57. | 2.1 | 29 |
| 18 | Increase of close homolog of cell adhesion molecule L1 in primary afferent by nerve injury and the contribution to neuropathic pain. Journal of Comparative Neurology, 2011, 519, 1597-1615. | 1.6 | 28 |

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|---|---|---|---|
| 19 | Activation of fibroblast growth factor receptor by axotomy, through downstream p38 in dorsal root ganglion, contributes to neuropathic pain. Neuroscience, 2007, 150, 202-211. | 2.3 | 22 |
| 20 | Alteration of the cell adhesion molecule L1 expression in a specific subset of primary afferent neurons contributes to neuropathic pain. European Journal of Neuroscience, 2007, 25, 1097-1111. | 2.6 | 21 |
| 21 | Activation of extracellular signal-regulated protein kinases 5 in primary afferent neurons contributes to heat and cold hyperalgesia after inflammation. Journal of Neurochemistry, 2007, 102, 1614-1624. | 3.9 | 21 |
| 22 | Upregulation of calcium channel alpha-2-delta-1 subunit in dorsal horn contributes to spinal cord injury-induced tactile allodynia. Spine Journal, 2018, 18, 1062-1069. | 1.3 | 21 |
| 23 | Leukotriene Enhances NMDA-Induced Inward Currents in Dorsal Horn Neurons of the Rat Spinal Cord after Peripheral Nerve Injury. Molecular Pain, 2015, 11, s12990-015-0059. | 2.1 | 16 |
| 24 | Expression of Apc2 during mouse development. Gene Expression Patterns, 2002, 1, 107-114. | 0.8 | 12 |
| 25 | Annexin A2 in primary afferents contributes to neuropathic pain associated with tissue type plasminogen activator. Neuroscience, 2016, 314, 189-199. | 2.3 | 10 |
| 26 | Role of Rho-associated coiled-coil containing protein kinase in the spinal cord injury induced neuropathic pain. Spine Journal, 2021, 21, 343-351. | 1.3 | 8 |
| 27 | Localization of prostaglandin E2 synthases and E-prostanoid receptors in the spinal cord in a rat model of neuropathic pain. Brain Research, 2021, 1750, 147153. | 2.2 | 8 |
| 28 | <scp>R</scp>ecombinant interleukinâ€4 alleviates mechanical allodynia via injuryâ€induced interleukinâ€4 receptor alpha in spinal microglia in a rat model of neuropathic pain. Glia, 2018, 66, 1775-1787. | 4.9 | 7 |
| 29 | Changes in transient receptor potential channels in the rat geniculate ganglion after chorda tympani nerve injury. NeuroReport, 2015, 26, 856-861. | 1.2 | 6 |
| 30 | Analgesic effect of gastrin-releasing peptide in the dorsal horn. Molecular Pain, 2022, 18, 174480692211089. | 2.1 | 6 |
| 31 | Aberrant Axo-Axonic Synaptic Reorganization in the Phosphorylated L1-CAM/Calcium Channel Subunit Î±2Îˆâ”1-Containing Central Terminals of Injured c-Fibers in the Spinal Cord of a Neuropathic Pain Model. ENeuro, 2021, 8, ENEURO.0499-20.2021. | 1.9 | 5 |
| 32 | Differential expression of mGluRs in rat spinal dorsal horns and their modulatory effects on nocifensive behaviors. Molecular Pain, 2019, 15, 174480691987502. | 2.1 | 1 |
| 33 | 3P-192 Induction of P2Y receptors in the spinal cord following peripheral nerve injury.(Neuroscience &) Tj ETQq1 1 0.784314 rgBT /Ov 49, S183. | 0.1 | 0 |
| 34 | Acid increases PGE<sub>2</sub> in the duodenal mucosa in rats. Journal of Clinical Biochemistry and Nutrition, 2022, 70, 28-32. | 1.4 | 0 |
| 35 | Hippocalcin-like 4, a neural calcium sensor, has a limited contribution to pain and itch processing. , 2020, 15, e0226289. | | 0 |
| 36 | Hippocalcin-like 4, a neural calcium sensor, has a limited contribution to pain and itch processing. , 2020, 15, e0226289. | | 0 |

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| 37 | Hippocalcin-like 4, a neural calcium sensor, has a limited contribution to pain and itch processing. , 2020, 15, e0226289. | | 0 |
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