

Yusuke Takatsuru

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

952
citations

471477

17
h-index

454934

30
g-index

39
all docs

39
docs citations

39
times ranked

1522
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Frontal medial cortex and angular gyrus functional connectivity is related to sex and age differences in odor sensitivity. <i>Journal of Neuroimaging</i> , 2022, , . | 2.0 | 0 |
| 2 | Adult-onset hypothyroidism causes mechanical hypersensitivity due to peripheral nerve hyperexcitability based on voltage-gated potassium channel downregulation in male mice. <i>Journal of Neuroscience Research</i> , 2022, 100, 506-521. | 2.9 | 0 |
| 3 | Absence of Thyroid Hormone Induced Delayed Dendritic Arborization in Mouse Primary Hippocampal Neurons Through Insufficient Expression of Brain-Derived Neurotrophic Factor. <i>Frontiers in Endocrinology</i> , 2021, 12, 629100. | 3.5 | 7 |
| 4 | Neurotoxic effects of lactational exposure to perfluorooctane sulfonate on learning and memory in adult male mouse. <i>Food and Chemical Toxicology</i> , 2020, 145, 111710. | 3.6 | 17 |
| 5 | PDGFR- β restores blood-brain barrier functions in a mouse model of focal cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1501-1515. | 4.3 | 61 |
| 6 | Effects of Mild Perinatal Hypothyroidism on Cognitive Function of Adult Male Offspring. <i>Endocrinology</i> , 2018, 159, 1910-1921. | 2.8 | 33 |
| 7 | Early-life stress induces motor coordination dysfunction in adult mice. <i>Journal of Physiological Sciences</i> , 2018, 68, 663-669. | 2.1 | 10 |
| 8 | Early-life stress induces cognitive disorder in middle-aged mice. <i>Neurobiology of Aging</i> , 2018, 64, 139-146. | 3.1 | 22 |
| 9 | High prolactin concentration during lactation period induced disorders of maternal behavioral in offspring. <i>Psychoneuroendocrinology</i> , 2018, 88, 129-135. | 2.7 | 4 |
| 10 | Inhibitory neuron-specific Cre-dependent red fluorescent labeling using VGAT BAC-based transgenic mouse lines with identified transgene integration sites. <i>Journal of Comparative Neurology</i> , 2018, 526, 373-396. | 1.6 | 13 |
| 11 | Role of dopamine on functional recovery in the contralateral hemisphere after focal stroke in the somatosensory cortex. <i>Brain Research</i> , 2018, 1678, 146-152. | 2.2 | 18 |
| 12 | The Effect of Perinatal Gadolinium-Based Contrast Agents on Adult Mice Behavior. <i>Investigative Radiology</i> , 2018, 53, 110-118. | 6.2 | 50 |
| 13 | Early-life stress and life. <i>Aging</i> , 2018, 10, 2535-2536. | 3.1 | 0 |
| 14 | In Utero and Postnatal Propylthiouracil-Induced Mild Hypothyroidism Impairs Maternal Behavior in Mice. <i>Frontiers in Endocrinology</i> , 2018, 9, 228. | 3.5 | 6 |
| 15 | Maternal prolactin during late pregnancy is important in generating nurturing behavior in the offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13042-13047. | 7.1 | 26 |
| 16 | Differential neurotoxic effects of α - and β -isomers of polychlorinated biphenyl (OH-PCB 106) on spontaneous locomotor activity and motor coordination in young adult male mice. <i>Journal of Toxicological Sciences</i> , 2017, 42, 407-416. | 1.5 | 12 |
| 17 | Aberrant Cerebellar Development in Mice Lacking Dual Oxidase Maturation Factors. <i>Thyroid</i> , 2016, 26, 741-752. | 4.5 | 25 |
| 18 | Alteration of somatosensory response in adulthood by early life stress. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 15. | 2.9 | 13 |

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|----|--|-----|-----------|
| 19 | Early-life stress increases the motility of microglia in adulthood. <i>Journal of Physiological Sciences</i> , 2015, 65, 187-194. | 2.1 | 45 |
| 20 | Possible involvement of IGF-1 signaling on compensatory growth of the infraspinatus muscle induced by the supraspinatus tendon detachment of rat shoulder. <i>Physiological Reports</i> , 2014, 2, e00197. | 1.7 | 5 |
| 21 | Lactational exposure to hydroxylated polychlorinated biphenyl (OH-PCB 106) causes hyperactivity in male rat pups by aberrant increase in dopamine and its receptor. <i>Environmental Toxicology</i> , 2014, 29, 876-883. | 4.0 | 20 |
| 22 | Altered Cerebellum Development and Dopamine Distribution in a Rat Genetic Model with Congenital Hypothyroidism. <i>Journal of Neuroendocrinology</i> , 2014, 26, 164-175. | 2.6 | 38 |
| 23 | Early-life stress affects the homeostasis of glutamatergic synapses. <i>European Journal of Neuroscience</i> , 2014, 40, 3627-3634. | 2.6 | 23 |
| 24 | Contribution of neuronal and glial circuit in intact hemisphere for functional remodeling after focal ischemia. <i>Neuroscience Research</i> , 2014, 78, 38-44. | 1.9 | 14 |
| 25 | Role of the Intact Hemisphere Contralateral to a Stroke in Functional Compensation. <i>Kitakanto Medical Journal</i> , 2014, 64, 99-100. | 0.0 | 0 |
| 26 | Activity of the layer II/III neurons in the somatosensory cortex (SSC) plays a critical role on functional recovery after focal stroke in the contralateral SSC. <i>Neuroscience Letters</i> , 2013, 543, 168-171. | 2.1 | 4 |
| 27 | External negative electric potential accelerates exocytosis of lamellar bodies in human skin <i>in vivo</i> . <i>Experimental Dermatology</i> , 2013, 22, 421-423. | 2.9 | 9 |
| 28 | Critical Role of the Astrocyte for Functional Remodeling in Contralateral Hemisphere of Somatosensory Cortex after Stroke. <i>Journal of Neuroscience</i> , 2013, 33, 4683-4692. | 3.6 | 54 |
| 29 | Compensatory Contribution of the Contralateral Pyramidal Tract after Experimental Cerebral Ischemia. <i>Frontiers of Neurology and Neuroscience</i> , 2013, 32, 36-44. | 2.8 | 5 |
| 30 | Studies of Brain Strokes Using Laser Techniques - What We Can Do Now, What We Should Do Next -. The Review of Laser Engineering, 2013, 41, 98. | 0.0 | 0 |
| 31 | PDGFR- β as a Positive Regulator of Tissue Repair in a Mouse Model of Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 353-367. | 4.3 | 101 |
| 32 | Unilateral infarction of the visual cortex (VC) induced an increase in dendritic spine turnover in contralateral VC. <i>Neuroscience Letters</i> , 2011, 488, 97-100. | 2.1 | 7 |
| 33 | Neuronal Circuit Remodeling in the Contralateral Cortical Hemisphere during Functional Recovery from Cerebral Infarction. <i>Journal of Neuroscience</i> , 2009, 29, 10081-10086. | 3.6 | 144 |
| 34 | Maternal separation decreases the stability of mushroom spines in adult mice somatosensory cortex. <i>Brain Research</i> , 2009, 1294, 45-51. | 2.2 | 34 |
| 35 | Functions of glutamate transporters in cerebellar Purkinje cell synapses. <i>Acta Physiologica</i> , 2009, 197, 1-12. | 3.8 | 45 |
| 36 | Sustained depolarizing shift of the GABA reversal potential by glutamate receptor activation in hippocampal neurons. <i>Neuroscience Research</i> , 2008, 62, 270-277. | 1.9 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Contribution of glutamate transporter GLT-1 to removal of synaptically released glutamate at climbing fiber-Purkinje cell synapses. <i>Neuroscience Letters</i> , 2007, 420, 85-89. | 2.1 | 20 |
| 38 | Roles of glial glutamate transporters in shaping EPSCs at the climbing fiber-Purkinje cell synapses. <i>Neuroscience Research</i> , 2006, 54, 140-148. | 1.9 | 31 |
| 39 | Predominant expression of GluR2 among the AMPA receptor subunits in neuronal progenitor cells of the rat hippocampus. <i>Developmental Brain Research</i> , 2004, 152, 213-223. | 1.7 | 6 |