# Keita Tamura

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8472421/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 25 papers | 842 citations | 516710 16 h-index | 642732 23 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 1315 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Reversal of Interlaminar Signal Between Sensory and Memory Processing in Monkey Temporal Cortex. Science, 2011, 331, 1443-1447. | 12.6 | 125 |
| 2 | Causal neural network of metamemory for retrospection in primates. Science, 2017, 355, 188-193. | 12.6 | 86 |
| 3 | Direct Comparison of Spontaneous Functional Connectivity and Effective Connectivity Measured by Intracortical Microstimulation: An fMRI Study in Macaque Monkeys. Cerebral Cortex, 2011, 21, 2348-2356. | 2.9 | 80 |
| 4 | A glass-coated tungsten microelectrode enclosing optical fibers for optogenetic exploration in primate deep brain structures. Journal of Neuroscience Methods, 2012, 211, 49-57. | 2.5 | 67 |
| 5 | Distinct Contributions of Whisker Sensory Cortex and Tongue-Jaw Motor Cortex in a Goal-Directed Sensorimotor Transformation. Neuron, 2019, 103, 1034-1043.e5. | 8.1 | 62 |
| 6 | Microcircuits for Hierarchical Elaboration of Object Coding Across Primate Temporal Areas. Science, 2013, 341, 191-195. | 12.6 | 47 |
| 7 | Rapid suppression and sustained activation of distinct cortical regions for a delayed sensory-triggered motor response. Neuron, 2021, 109, 2183-2201.e9. | 8.1 | 46 |
| 8 | Conversion of object identity to object-general semantic value in the primate temporal cortex. Science, 2017, 357, 687-692. | 12.6 | 45 |
| 9 | Functional Microcircuit Recruited during Retrieval of Object Association Memory in Monkey Perirhinal Cortex. Neuron, 2013, 77, 192-203. | 8.1 | 42 |
| 10 | Method for Enhancing Cell Penetration of Gd3+-based MRI Contrast Agents by Conjugation with Hydrophobic Fluorescent Dyes. Bioconjugate Chemistry, 2011, 22, 2227-2236. | 3.6 | 37 |
| 11 | Optogenetic Manipulation of Cerebellar Purkinje Cell Activity In Vivo. PLoS ONE, 2011, 6, e22400. | 2.5 | 33 |
| 12 | fMRI Activity in the Macaque Cerebellum Evoked by Intracortical Microstimulation of the Primary Somatosensory Cortex: Evidence for Polysynaptic Propagation. PLoS ONE, 2012, 7, e47515. | 2.5 | 26 |
| 13 | Neurodynamics of Cognitive Set Shifting in Monkey Frontal Cortex and Its Causal Impact on Behavioral Flexibility. Journal of Cognitive Neuroscience, 2012, 24, 2171-2185. | 2.3 | 21 |
| 14 | A bicistronic lentiviral vector-based method for differential transsynaptic tracing of neural circuits. Molecular and Cellular Neurosciences, 2011, 46, 136-147. | 2.2 | 19 |
| 15 | Triphasic Dynamics of Stimulus-Dependent Information Flow between Single Neurons in Macaque Inferior Temporal Cortex. Journal of Neuroscience, 2010, 30, 10407-10421. | 3.6 | 18 |
| 16 | Optogenetic inhibition of Purkinje cell activity reveals cerebellar control of blood pressure during postural alterations in anesthetized rats. Neuroscience, 2012, 210, 137-144. | 2.3 | 17 |
| 17 | Distinct Neuronal Interactions in Anterior Inferotemporal Areas of Macaque Monkeys during Retrieval of Object Association Memory. Journal of Neuroscience, 2014, 34, 9377-9388. | 3.6 | 14 |
| 18 | Optogenetics in the cerebellum: Purkinje cell-specific approaches for understanding local cerebellar functions. Behavioural Brain Research, 2013, 255, 26-34. | 2.2 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A design strategy for small molecule-based targeted MRI contrast agents: their application for detection of atherosclerotic plaques. Organic and Biomolecular Chemistry, 2014, 12, 8611-8618. | 2.8 | 13 |
| 20 | Cortical circuits for transforming whisker sensation into goal-directed licking. Current Opinion in Neurobiology, 2020, 65, 38-48. | 4.2 | 13 |
| 21 | Off-Peak 594-nm Light Surpasses On-Peak 532-nm Light in Silencing Distant ArchT-Expressing Neurons InÂVivo. IScience, 2020, 23, 101276. | 4.1 | 7 |
| 22 | Learning-related congruent and incongruent changes of excitation and inhibition in distinct cortical areas. PLoS Biology, 2022, 20, e3001667. | 5.6 | 6 |
| 23 | Cofilin1 Controls Transcolumnar Plasticity in Dendritic Spines in Adult Barrel Cortex. PLoS Biology, 2015, 13, e1002070. | 5.6 | 4 |
| 24 | Development of an optogenetic method for in vivo manipulation of cerebellar Purkinje cell activity. Neuroscience Research, 2011, 71, e311. | 1.9 | 0 |
| 25 | Sensory and mnemonic demands flexibly recruit interlaminar microcircuits in macaque temporal cortex. Neuroscience Research, 2011, 71, e70. | 1.9 | 0 |