

# Akito Nakao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3495076/publications.pdf>

Version: 2024-02-01

16  
papers

299  
citations

1163117

8  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

578  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Decreased Brain pH as a Shared Endophenotype of Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2018, 43, 459-468.  | 5.4 | 94        |
| 2  | Rab3-interacting Molecule $\hat{I}^3$ Isoforms Lacking the Rab3-binding Domain Induce Long Lasting Currents but Block Neurotransmitter Vesicle Anchoring in Voltage-dependent P/Q-type $Ca^{2+}$ Channels. <i>Journal of Biological Chemistry</i> , 2010, 285, 21750-21767. | 3.4 | 45        |
| 3  | Comprehensive behavioral analysis of voltage-gated calcium channel beta-anchoring and -regulatory protein knockout mice. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 141.  | 2.0 | 32        |
| 4  | O <sub>2</sub> -Dependent Protein Internalization Underlies Astrocytic Sensing of Acute Hypoxia by Restricting Multimodal TRPA1 Channel Responses. <i>Current Biology</i> , 2020, 30, 3378-3396.e7.   | 3.9 | 32        |
| 5  | Role of Oxidative Stress and $Ca^{2+}$ Signaling in Psychiatric Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 615569.  | 3.7 | 24        |
| 6  | Immature morphological properties in subcellular-scale structures in the dentate gyrus of Schnurri-2 knockout mice: a model for schizophrenia and intellectual disability. <i>Molecular Brain</i> , 2017, 10, 60.   | 2.6 | 21        |
| 7  | Screening of Transient Receptor Potential Canonical Channel Activators Identifies Novel Neurotrophic Piperazine Compounds. <i>Molecular Pharmacology</i> , 2016, 89, 348-363.   | 2.3 | 18        |
| 8  | Compromised maturation of GABAergic inhibition underlies abnormal network activity in the hippocampus of epileptic $Ca^{2+}$ channel mutant mice, tottering. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 737-752.                                    | 2.8 | 11        |
| 9  | Receptor Signaling Integration by TRP Channelsomes. <i>Advances in Experimental Medicine and Biology</i> , 2011, 704, 373-389.  | 1.6 | 9         |
| 10 | Deficiency of the $R\hat{I}^2$ subunit of protein kinase A causes body tremor and impaired fear conditioning memory in rats. <i>Scientific Reports</i> , 2021, 11, 2039.  | 3.3 | 4         |
| 11 | Activation of Astrocytes in the Persistence of Post-hypoxic Respiratory Augmentation. <i>Frontiers in Physiology</i> , 2021, 12, 757731.  | 2.8 | 4         |
| 12 | Molecular Architecture of $Ca^{2+}$ Channel Complexes Organized by $CaV\hat{I}^2$ Subunits in Presynaptic Active Zones. , 2013, , 79-99.  |     | 2         |
| 13 | Hippocampus-related cognitive disorders develop in the absence of epilepsy and ataxia in the heterozygous <i>Cacna1a</i> mutant mice <i>tottering</i> . <i>Channels</i> , 2022, 16, 113-126.  | 2.8 | 1         |
| 14 | Population coding of multiple types of information in dentate gyrus. <i>IBRO Reports</i> , 2019, 6, S279.   | 0.3 | 0         |
| 15 | BARP regulates the dynamics of voltage-dependent $Ca^{2+}$ channel complexes at dendritic spine. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2021, 94, 1-P1-01.   | 0.0 | 0         |
| 16 | Astrocytes mediate the post-hypoxic persistent respiratory augmentation. <i>FASEB Journal</i> , 2021, 35, .   | 0.5 | 0         |