

Junhai Han

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

884
citations

471509

17
h-index

501196

28
g-index

42
all docs

42
docs citations

42
times ranked

1366
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A genome-wide association study identifies six novel risk loci for primary biliary cholangitis. <i>Nature Communications</i> , 2017, 8, 14828. | 12.8 | 102 |
| 2 | Neuroigin 2 Is Required for Synapse Development and Function at the <i>Drosophila</i> Neuromuscular Junction. <i>Journal of Neuroscience</i> , 2011, 31, 687-699. | 3.6 | 88 |
| 3 | The Fly CAMTA Transcription Factor Potentiates Deactivation of Rhodopsin, a G Protein-Coupled Light Receptor. <i>Cell</i> , 2006, 127, 847-858. | 28.9 | 68 |
| 4 | <i>Drosophila</i> Neuroigin 4 Regulates Sleep through Modulating GABA Transmission. <i>Journal of Neuroscience</i> , 2013, 33, 15545-15554. | 3.6 | 59 |
| 5 | Ih Channels Control Feedback Regulation from Amacrine Cells to Photoreceptors. <i>PLoS Biology</i> , 2015, 13, e1002115. | 5.6 | 49 |
| 6 | <i>Drosophila</i> Neuroigin3 Regulates Neuromuscular Junction Development and Synaptic Differentiation. <i>Journal of Biological Chemistry</i> , 2014, 289, 31867-31877. | 3.4 | 41 |
| 7 | Neurexinâ€“Neuroigin 1 regulates synaptic morphology and functions via the WAVE regulatory complex in <i>Drosophila</i> neuromuscular junction. <i>ELife</i> , 2018, 7, . | 6.0 | 36 |
| 8 | Fbxl4 Serves as a Clock Output Molecule that Regulates Sleep through Promotion of Rhythmic Degradation of the GABAA Receptor. <i>Current Biology</i> , 2017, 27, 3616-3625.e5. | 3.9 | 33 |
| 9 | Neurexin Regulates Visual Function via Mediating Retinoid Transport to Promote Rhodopsin Maturation. <i>Neuron</i> , 2013, 77, 311-322. | 8.1 | 31 |
| 10 | A subset of DN1p neurons integrates thermosensory inputs to promote wakefulness via CNMa signaling. <i>Current Biology</i> , 2021, 31, 2075-2087.e6. | 3.9 | 31 |
| 11 | The neuronal protein Neurexin directly interacts with the Scribbleâ€“Pix complex to stimulate F-actin assembly for synaptic vesicle clustering. <i>Journal of Biological Chemistry</i> , 2017, 292, 14334-14348. | 3.4 | 29 |
| 12 | Prolonged Gq activity triggers fly rhodopsin endocytosis and degradation, and reduces photoreceptor sensitivity. <i>EMBO Journal</i> , 2007, 26, 4966-4973. | 7.8 | 27 |
| 13 | A <i>Drosophila</i> metallophosphoesterase mediates deglycosylation of rhodopsin. <i>EMBO Journal</i> , 2011, 30, 3701-3713. | 7.8 | 25 |
| 14 | <i>Drosophila</i> Studies on Autism Spectrum Disorders. <i>Neuroscience Bulletin</i> , 2017, 33, 737-746. | 2.9 | 23 |
| 15 | Gutâ€“neuron interaction via Hh signaling regulates intestinal progenitor cell differentiation in <i>Drosophila</i> . <i>Cell Discovery</i> , 2015, 1, 15006. | 6.7 | 22 |
| 16 | Neurexin regulates nighttime sleep by modulating synaptic transmission. <i>Scientific Reports</i> , 2016, 6, 38246. | 3.3 | 20 |
| 17 | Group 1 Metabotropic Glutamate Receptors in Neurological and Psychiatric Diseases: Mechanisms and Prospective. <i>Neuroscientist</i> , 2022, 28, 453-468. | 3.5 | 19 |
| 18 | X chromosome-linked intellectual disability protein PQBP1 associates with and regulates the translation of specific mRNAs. <i>Human Molecular Genetics</i> , 2015, 24, 4599-4614. | 2.9 | 18 |

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|----|---|------|-----------|
| 19 | Phototransduction in <i>Drosophila</i> . <i>Science China Life Sciences</i> , 2012, 55, 27-34. | 4.9 | 17 |
| 20 | Neurexin Restricts Axonal Branching in Columns by Promoting Ephrin Clustering. <i>Developmental Cell</i> , 2017, 41, 94-106.e4. | 7.0 | 16 |
| 21 | The Neurexin/N-Ethylmaleimide-sensitive Factor (NSF) Interaction Regulates Short Term Synaptic Depression. <i>Journal of Biological Chemistry</i> , 2015, 290, 17656-17667. | 3.4 | 15 |
| 22 | Mutations of <i>PQBP1</i> in Renpenning syndrome promote ubiquitin-mediated degradation of FMRP and cause synaptic dysfunction. <i>Human Molecular Genetics</i> , 2017, 26, ddx010. | 2.9 | 13 |
| 23 | Bidirectional regulation of fragile X mental retardation protein phosphorylation controls rhodopsin homeostasis. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 104-116. | 3.3 | 13 |
| 24 | PQBP1 promotes translational elongation and regulates hippocampal mGluR-LTD by suppressing eEF2 phosphorylation. <i>Molecular Cell</i> , 2021, 81, 1425-1438.e10. | 9.7 | 13 |
| 25 | Protein Gq Modulates Termination of Phototransduction and Prevents Retinal Degeneration. <i>Journal of Biological Chemistry</i> , 2012, 287, 13911-13918. | 3.4 | 12 |
| 26 | Nociception and hypersensitivity involve distinct neurons and molecular transducers in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113645119. | 7.1 | 10 |
| 27 | Proteolytic cleavage is required for functional neuroligin 2 maturation and trafficking in <i>Drosophila</i> . <i>Journal of Molecular Cell Biology</i> , 2017, 9, 231-242. | 3.3 | 9 |
| 28 | The First National Prevalence of Autism Spectrum Disorder in China. <i>Neuroscience Bulletin</i> , 2020, 36, 959-960. | 2.9 | 9 |
| 29 | FOXP1 sequentially orchestrates subtype specification of postmitotic cortical projection neurons. <i>Science Advances</i> , 2022, 8, . | 10.3 | 9 |
| 30 | The Renpenning syndrome-associated protein PQBP1 facilitates the nuclear import of splicing factor TXNL4A through the karyopherin β 2 receptor. <i>Journal of Biological Chemistry</i> , 2020, 295, 4093-4100. | 3.4 | 6 |
| 31 | Proteolytic maturation of <i>Drosophila</i> Neuroligin 3 by tumor necrosis factor α -converting enzyme in the nervous system. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 440-450. | 2.4 | 4 |
| 32 | Metallophosphoesterase regulates light-induced rhodopsin endocytosis by promoting an association between arrestin and the adaptor protein AP2. <i>Journal of Biological Chemistry</i> , 2019, 294, 12892-12900. | 3.4 | 3 |
| 33 | $G\alpha_q$ splice variants mediate phototransduction, rhodopsin synthesis, and retinal integrity in <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 5554-5563. | 3.4 | 3 |
| 34 | Protocol for visualizing newly synthesized proteins in primary mouse hepatocytes. <i>STAR Protocols</i> , 2021, 2, 100616. | 1.2 | 3 |
| 35 | A mild clinical and neuropsychological phenotype of Renpenning syndrome: A new case report with a maternally inherited PQBP1 missense mutation. <i>Applied Neuropsychology: Child</i> , 2021, , 1-7. | 1.4 | 3 |
| 36 | Parallel Synaptic Acetylcholine Signals Facilitate Large Monopolar Cell Repolarization and Modulate Visual Behavior in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2021, 41, 2164-2176. | 3.6 | 2 |

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|----|--|-----|-----------|
| 37 | Novel regulation of the eEF2K/eEF2 pathway: <i>prospects of P/QBP1 promotes translational elongation and regulates hippocampal mGluR-LTD by suppressing eEF2 phosphorylation</i> . Journal of Molecular Cell Biology, 2021, 13, 392-394. | 3.3 | 1 |
| 38 | Protocol for Drosophila sleep deprivation using single-chip board. STAR Protocols, 2021, 2, 100827. | 1.2 | 1 |
| 39 | Protocol for electroretinogram recording of the Drosophila compound eye. STAR Protocols, 2022, 3, 101286. | 1.2 | 1 |
| 40 | Protocol for interfering peptide injection into adult mouse hippocampus and spatial memory testing. STAR Protocols, 2021, 2, 100679. | 1.2 | 0 |
| 41 | Protocol for electron microscopy of Drosophila photoreceptor cells. STAR Protocols, 2022, 3, 101496. | 1.2 | 0 |