# Paul F Worley

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 156 papers | 26,276 citations | 9775 73 h-index | 6465 157 g-index |
| 164 all docs | 164 docs citations | 164 times ranked | 19508 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | CYFIP1 Dosages Exhibit Divergent Behavioral Impact via Diametric Regulation of NMDA Receptor Complex Translation in Mouse Models of Psychiatric Disorders. Biological Psychiatry, 2022, 92, 815-826. | 0.7 | 8 |
| 2 | GATOR2 complexâ€“mediated amino acid signaling regulates brain myelination. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 5 |
| 3 | A farnesyltransferase inhibitor restores cognitive deficits in Tsc2+/- mice through inhibition of Rheb1. Journal of Neuroscience, 2022, , JN-RM-0449-21. | 1.7 | 3 |
| 4 | Reciprocal Homer1a and Homer2 Isoform Expression Is a Key Mechanism for Muscle Soleus Atrophy in Spaceflown Mice. International Journal of Molecular Sciences, 2022, 23, 75. | 1.8 | 3 |
| 5 | Neuronal pentraxin 2 is required for facilitating excitatory synaptic inputs onto spinal neurons involved in pruriceptive transmission in a model of chronic itch. Nature Communications, 2022, 13, 2367. | 5.8 | 7 |
| 6 | Deficiency of SHANK3 isoforms impairs thermal hyperalgesia and dysregulates the expression of postsynaptic proteins in the spinal cord. Neuroscience Research, 2021, 163, 26-33. | 1.0 | 2 |
| 7 | Persistently Elevated mTOR Complex 1-S6 Kinase 1 Disrupts DARPP-32â€“Dependent D1 Dopamine Receptor Signaling and Behaviors. Biological Psychiatry, 2021, 89, 1058-1072. | 0.7 | 8 |
| 8 | Homer2 and Homer3 Act as Novel Biomarkers in Diagnosis of hepatitis B virus-induced Hepatocellular Carcinoma. Journal of Cancer, 2021, 12, 3439-3447. | 1.2 | 3 |
| 9 | ERK-Directed Phosphorylation of mGlu5 Gates Methamphetamine Reward and Reinforcement in Mouse. International Journal of Molecular Sciences, 2021, 22, 1473. | 1.8 | 2 |
| 10 | Rheb mediates neuronal-activity-induced mitochondrial energetics through mTORC1-independent PDH activation. Developmental Cell, 2021, 56, 811-825.e6. | 3.1 | 23 |
| 11 | The function of the calcium channel Orai1 in osteoclast development. FASEB Journal, 2021, 35, e21653. | 0.2 | 4 |
| 12 | VAMP-2 is a surrogate cerebrospinal fluid marker of Alzheimer-related cognitive impairment in adults with Down syndrome. Alzheimer's Research and Therapy, 2021, 13, 119. | 3.0 | 6 |
| 13 | Preliminary Observations on Skeletal Muscle Adaptation and Plasticity in Homer 2-/- Mice. Metabolites, 2021, 11, 642. | 1.3 | 2 |
| 14 | All-or-none disconnection of pyramidal inputs onto parvalbumin-positive interneurons gates ocular dominance plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 9 |
| 15 | Pathologically Decreased CSF Levels of Synaptic Marker NPTX2 in DLB Are Correlated with Levels of Alpha-Synuclein and VGF. Cells, 2021, 10, 38. | 1.8 | 16 |
| 16 | Resolving macrophage polarization through distinct Ca2+ entry channel that maintains intracellular signaling and mitochondrial bioenergetics. IScience, 2021, 24, 103339. | 1.9 | 15 |
| 17 | Homer1a regulates Shank3 expression and underlies behavioral vulnerability to stress in a model of Phelan-McDermid syndrome. Cell Reports, 2021, 37, 110014. | 2.9 | 8 |
| 18 | A biomarker-authenticated model of schizophrenia implicating NPTX2 loss of function. Science Advances, 2021, 7, eabf6935. | 4.7 | 17 |

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|---|---|---|---|
| 19 | LanCL1 promotes motor neuron survival and extends the lifespan of amyotrophic lateral sclerosis mice. Cell Death and Differentiation, 2020, 27, 1369-1382. | 5.0 | 32 |
| 20 | Persistent Activity of Metabotropic Glutamate Receptor 5 in the Periaqueductal Gray Constrains Emergence of Chronic Neuropathic Pain. Current Biology, 2020, 30, 4631-4642.e6. | 1.8 | 8 |
| 21 | Persistent Rheb-induced mTORC1 activation in spinal cord neurons induces hypersensitivity in neuropathic pain. Cell Death and Disease, 2020, 11, 747. | 2.7 | 14 |
| 22 | Cerebrospinal fluid profile of NPTX2 supports role of Alzheimerâ€™s disease-related inhibitory circuit dysfunction in adults with Down syndrome. Molecular Neurodegeneration, 2020, 15, 46. | 4.4 | 21 |
| 23 | Cardiomyocyte-Specific Deletion of Orai1 Reveals Its Protective Role in Angiotensin-II-Induced Pathological Cardiac Remodeling. Cells, 2020, 9, 1092. | 1.8 | 13 |
| 24 | Identification of novel cerebrospinal fluid biomarker candidates for dementia with Lewy bodies: a proteomic approach. Molecular Neurodegeneration, 2020, 15, 36. | 4.4 | 46 |
| 25 | Disabling phosphorylation at the homer ligand of the metabotropic glutamate receptor 5 alleviates complete Freund's adjuvant-induced inflammatory pain. Neuropharmacology, 2020, 170, 108046. | 2.0 | 4 |
| 26 | Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 612-621. | 0.9 | 55 |
| 27 | Direct translation of climbing fiber burst-mediated sensory coding into post-synaptic Purkinje cell dendritic calcium. ELife, 2020, 9, . | 2.8 | 11 |
| 28 | Input-Specific Metaplasticity in the Visual Cortex Requires Homer1a-Mediated mGluR5 Signaling. Neuron, 2019, 104, 736-748.e6. | 3.8 | 25 |
| 29 | Arc Oligomerization Is Regulated by CaMKII Phosphorylation of the GAG Domain: An Essential Mechanism for Plasticity and Memory Formation. Molecular Cell, 2019, 75, 13-25.e5. | 4.5 | 31 |
| 30 | Vitamin D increases glucocorticoid efficacy via inhibition of mTORC1 in experimental models of multiple sclerosis. Acta Neuropathologica, 2019, 138, 443-456. | 3.9 | 41 |
| 31 | Homer1a Is Required for Establishment of Contralateral Bias and Maintenance of Ocular Dominance in Mouse Visual Cortex. Journal of Neuroscience, 2019, 39, 3897-3905. | 1.7 | 9 |
| 32 | Leasing a medical curriculum: Whatâ€™s it worth?. Medical Teacher, 2019, 41, 697-702. | 1.0 | 1 |
| 33 | Increased Alcohol-Drinking Induced by Manipulations of mGlu5 Phosphorylation within the Bed Nucleus of the Stria Terminalis. Journal of Neuroscience, 2019, 39, 2745-2761. | 1.7 | 25 |
| 34 | Synaptic biomarkers in CSF aid in diagnosis, correlate with cognition and predict progression in MCI and Alzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 871-882. | 1.8 | 79 |
| 35 | Resting-State Functional Connectivity Is Associated With Cerebrospinal Fluid Levels of the Synaptic Protein NPTX2 in Non-demented Older Adults. Frontiers in Aging Neuroscience, 2019, 11, 132. | 1.7 | 22 |
| 36 | FRMPD4 mutations cause X-linked intellectual disability and disrupt dendritic spine morphogenesis. Human Molecular Genetics, 2018, 27, 589-600. | 1.4 | 20 |

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| 37 | Narp Mediates Antidepressant-Like Effects of Electroconvulsive Seizures. Neuropsychopharmacology, 2018, 43, 1088-1098. | 2.8 | 16 |
| 38 | Distinct roles of Rheb and Raptor in activating mTOR complex 1 for the self-renewal of hematopoietic stem cells. Biochemical and Biophysical Research Communications, 2018, 495, 1129-1135. | 1.0 | 17 |
| 39 | Clinical and Diagnostic Significance of Homer1 in hepatitis B virus-induced Hepatocellular Carcinoma. Journal of Cancer, 2018, 9, 683-689. | 1.2 | 8 |
| 40 | Opiates increase the number of hypocretin-producing cells in human and mouse brain and reverse cataplexy in a mouse model of narcolepsy. Science Translational Medicine, 2018, 10, . | 5.8 | 90 |
| 41 | Homer1a drives homeostatic scaling-down of excitatory synapses during sleep. Science, 2017, 355, 511-515. | 6.0 | 398 |
| 42 | Orai1-Mediated Antimicrobial Secretion from Pancreatic Acini Shapes the Gut Microbiome and Regulates Gut Innate Immunity. Cell Metabolism, 2017, 25, 635-646. | 7.2 | 127 |
| 43 | Dynamic Regulation of Homer Binding to Group I Metabotropic Glutamate Receptors by Preso1 and Converging Kinase Cascades. Journal of Pharmacology and Experimental Therapeutics, 2017, 361, 122-129. | 1.3 | 3 |
| 44 | TRIAD3/RNF216 mutations associated with Gordon Holmes syndrome lead to synaptic and cognitive impairments via Arc misregulation. Aging Cell, 2017, 16, 281-292. | 3.0 | 48 |
| 45 | Exposure to complex environments results in more sparse representations of space in the hippocampus. Hippocampus, 2017, 27, 1178-1191. | 0.9 | 14 |
| 46 | STIM1 Regulates Somatic Ca‹sup›2+‹/sup›Signals and Intrinsic Firing Properties of Cerebellar Purkinje Neurons. Journal of Neuroscience, 2017, 37, 8876-8894. | 1.7 | 68 |
| 47 | Sensitivity to isoflurane anesthesia increases in autism spectrum disorder Shank3 +/âˆ†c mutant mouse model. Neurotoxicology and Teratology, 2017, 60, 69-74. | 1.2 | 18 |
| 48 | Reduced superoxide dismutase-1 (SOD1) in cerebrospinal fluid of patients with early psychosis in association with clinical features. Schizophrenia Research, 2017, 183, 64-69. | 1.1 | 31 |
| 49 | Behavioral and Neurochemical Phenotyping of Mice Incapable of Homer1a Induction. Frontiers in Behavioral Neuroscience, 2017, 11, 208. | 1.0 | 15 |
| 50 | Increased Sparsity of Hippocampal CA1 Neuronal Ensembles in a Mouse Model of Down Syndrome Assayed by Arc Expression. Frontiers in Neural Circuits, 2017, 11, 6. | 1.4 | 7 |
| 51 | NPTX2 and cognitive dysfunction in Alzheimerâ€™s Disease. ELife, 2017, 6, . | 2.8 | 146 |
| 52 | Delayed Degradation and Impaired Dendritic Delivery of Intron-Lacking EGFP-Arc/Arg3.1 mRNA in EGFP-Arc Transgenic Mice. Frontiers in Molecular Neuroscience, 2017, 10, 435. | 1.4 | 16 |
| 53 | mTORC1 loss impairs epidermal adhesion via TGF-Î²/Rho kinase activation. Journal of Clinical Investigation, 2017, 127, 4001-4017. | 3.9 | 30 |
| 54 | Real-Time Imaging Reveals Properties of Glutamate-Induced Arc/Arg 3.1 Translation in Neuronal Dendrites. Neuron, 2016, 91, 561-573. | 3.8 | 57 |

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|---|---|---|---|
| 55 | Altered <scp>NMDA</scp> receptor function in primary cultures of hippocampal neurons from mice lacking the <scp>H</scp>omer2 gene. Synapse, 2016, 70, 33-39. | 0.6 | 15 |
| 56 | A typology of longitudinal integrated clerkships. Medical Education, 2016, 50, 922-932. | 1.1 | 129 |
| 57 | Selective Disruption of Metabotropic Glutamate Receptor 5-Homer Interactions Mimics Phenotypes of Fragile X Syndrome in Mice. Journal of Neuroscience, 2016, 36, 2131-2147. | 1.7 | 54 |
| 58 | Metabotropic Glutamate Receptors Induce a Form of LTP Controlled by Translation and Arc Signaling in the Hippocampus. Journal of Neuroscience, 2016, 36, 1723-1729. | 1.7 | 62 |
| 59 | Protein Kinase C Epsilon Activity in the Nucleus Accumbens and Central Nucleus of the Amygdala Mediates Binge Alcohol Consumption. Biological Psychiatry, 2016, 79, 443-451. | 0.7 | 33 |
| 60 | Definition of a Bidirectional Activity-Dependent Pathway Involving BDNF and Narp. Cell Reports, 2015, 13, 1747-1756. | 2.9 | 30 |
| 61 | Crossing the Bridge from the Education Campus Island to the Community: Will we Walk or do we Learn to Swim?. Medical Science Educator, 2015, 25, 15-19. | 0.7 | 1 |
| 62 | Cerebellar associative sensory learning defects in five mouse autism models. ELife, 2015, 4, e06085. | 2.8 | 120 |
| 63 | Pentraxins Coordinate Excitatory Synapse Maturation and Circuit Integration of Parvalbumin Interneurons. Neuron, 2015, 85, 1257-1272. | 3.8 | 154 |
| 64 | Gene Expression Analyses Identify Narp Contribution in the Development of l-DOPA-Induced Dyskinesia. Journal of Neuroscience, 2015, 35, 96-111. | 1.7 | 39 |
| 65 | Rheb1 mediates DISC1-dependent regulation of new neuron development in the adult hippocampus. Neurogenesis (Austin, Tex ), 2015, 2, e1081715. | 1.5 | 9 |
| 66 | Rheb Inhibits Protein Synthesis by Activating the PERK-eIF2Î± Signaling Cascade. Cell Reports, 2015, 10, 684-693. | 2.9 | 43 |
| 67 | Homer 1a and mGluR5 phosphorylation in reward-sensitive metaplasticity: A hypothesis of neuronal selection and bidirectional synaptic plasticity. Brain Research, 2015, 1628, 17-28. | 1.1 | 27 |
| 68 | Structural Basis of Arc Binding to Synaptic Proteins: Implications for Cognitive Disease. Neuron, 2015, 86, 490-500. | 3.8 | 144 |
| 69 | Oligodendrocyte Precursor Cell-Intrinsic Effect of Rheb1 Controls Differentiation and Mediates mTORC1-Dependent Myelination in Brain. Journal of Neuroscience, 2014, 34, 15764-15778. | 1.7 | 61 |
| 70 | Binge Alcohol Drinking by Mice Requires Intact Group1 Metabotropic Glutamate Receptor Signaling Within the Central Nucleus of the Amygdale. Neuropsychopharmacology, 2014, 39, 435-444. | 2.8 | 67 |
| 71 | Developmental and Activity-Dependent Expression of LanCL1 Confers Antioxidant Activity Required for Neuronal Survival. Developmental Cell, 2014, 30, 479-487. | 3.1 | 53 |
| 72 | A Prolyl-Isomerase Mediates Dopamine-Dependent Plasticity and Cocaine Motor Sensitization. Cell, 2013, 154, 637-650. | 13.5 | 61 |

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| 73 | Obligatory Role for the Immediate Early Gene NARP in Critical Period Plasticity. Neuron, 2013, 79, 335-346. | 3.8 | 107 |
| 74 | Nerve injury-induced changes in Homer/glutamate receptor signaling contribute to the development and maintenance of neuropathic pain. Pain, 2013, 154, 1932-1945. | 2.0 | 30 |
| 75 | Preso1 dynamically regulates group I metabotropic glutamate receptors. Nature Neuroscience, 2012, 15, 836-844. | 7.1 | 79 |
| 76 | Disrupted Homer scaffolds mediate abnormal mGluR5 function in a mouse model of fragile X syndrome. Nature Neuroscience, 2012, 15, 431-440. | 7.1 | 225 |
| 77 | Inverse Synaptic Tagging of Inactive Synapses via Dynamic Interaction of Arc/Arg3.1 with CaMKIIÎ². Cell, 2012, 149, 886-898. | 13.5 | 269 |
| 78 | Arc/Arg3.1 Regulates an Endosomal Pathway Essential for Activity-Dependent Î²-Amyloid Generation. Cell, 2011, 147, 615-628. | 13.5 | 183 |
| 79 | Rheb1 Is Required for mTORC1 and Myelination in Postnatal Brain Development. Developmental Cell, 2011, 20, 97-108. | 3.1 | 119 |
| 80 | The kinase mTOR regulates the differentiation of helper T cells through the selective activation of signaling by mTORC1 and mTORC2. Nature Immunology, 2011, 12, 295-303. | 7.0 | 970 |
| 81 | Arc-dependent synapse-specific homeostatic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 816-821. | 3.3 | 165 |
| 82 | An endoplasmic reticulum/plasma membrane junction: STIM1/Orai1/TRPCs. FEBS Letters, 2010, 584, 2022-2027. | 1.3 | 125 |
| 83 | SRF binding to SRE 6.9 in the Arc promoter is essential for LTD in cultured Purkinje cells. Nature Neuroscience, 2010, 13, 1082-1089. | 7.1 | 72 |
| 84 | Narp regulates homeostatic scaling of excitatory synapses on parvalbumin-expressing interneurons. Nature Neuroscience, 2010, 13, 1090-1097. | 7.1 | 243 |
| 85 | STIM1-dependent and STIM1-independent Function of Transient Receptor Potential Canonical (TRPC) Channels Tunes Their Store-operated Mode. Journal of Biological Chemistry, 2010, 285, 38666-38673. | 1.6 | 75 |
| 86 | The Angelman Syndrome Protein Ube3A Regulates Synapse Development by Ubiquitinating Arc. Cell, 2010, 140, 704-716. | 13.5 | 554 |
| 87 | Homeostatic Scaling Requires Group I mGluR Activation Mediated by Homer1a. Neuron, 2010, 68, 1128-1142. | 3.8 | 227 |
| 88 | Rural clinicians as research collaborators: keeping the "care" in our career. Canadian Journal of Nursing Research, 2010, 42, 13-8. | 0.6 | 0 |
| 89 | Native Store-operated Ca2+ Influx Requires the Channel Function of Orai1 and TRPC1. Journal of Biological Chemistry, 2009, 284, 9733-9741. | 1.6 | 139 |
| 90 | Molecular determinants of fast Ca <sup>2+</sup> -dependent inactivation and gating of the Orai channels. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14687-14692. | 3.3 | 129 |

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| 91 | TRPC channels as STIM1-regulated SOCs. Channels, 2009, 3, 221-225. | 1.5 | 118 |
| 92 | The mTOR Kinase Differentially Regulates Effector and Regulatory T Cell Lineage Commitment. Immunity, 2009, 30, 832-844. | 6.6 | 1,079 |
| 93 | SOAR and the polybasic STIM1 domains gate and regulate Orai channels. Nature Cell Biology, 2009, 11, 337-343. | 4.6 | 594 |
| 94 | STIM1 Gates TRPC Channels, but Not Orai1, by Electrostatic Interaction. Molecular Cell, 2008, 32, 439-448. | 4.5 | 287 |
| 95 | mGluR1/5-Dependent Long-Term Depression Requires the Regulated Ectodomain Cleavage of Neuronal Pentraxin NPR by TACE. Neuron, 2008, 57, 858-871. | 3.8 | 106 |
| 96 | Elongation Factor 2 and Fragile X Mental Retardation Protein Control the Dynamic Translation of Arc/Arg3.1 Essential for mGluR-LTD. Neuron, 2008, 59, 70-83. | 3.8 | 471 |
| 97 | Differences between Dorsal and Ventral Striatum in Drd1a Dopamine Receptor Coupling of Dopamine- and cAMP-Regulated Phosphoprotein-32 to Activation of Extracellular Signal-Regulated Kinase. Journal of Neuroscience, 2008, 28, 7113-7120. | 1.7 | 67 |
| 98 | Transient Upregulation of Postsynaptic IP<sub>3</sub>-Gated Ca Release Underlies Short-Term Potentiation of Metabotropic Glutamate Receptor 1 Signaling in Cerebellar Purkinje Cells. Journal of Neuroscience, 2008, 28, 4350-4355. | 1.7 | 17 |
| 99 | Vocational career paths of graduate entry medical students at Flinders University: a comparison of rural, remote and tertiary tracks. Medical Journal of Australia, 2008, 188, 177-178. | 0.8 | 87 |
| 100 | Ca2+ Signaling in Microdomains. Journal of Biological Chemistry, 2007, 282, 14283-14290. | 1.6 | 45 |
| 101 | Interaction of the N-Terminal Domain of the AMPA Receptor GluR4 Subunit with the Neuronal Pentraxin NP1 Mediates GluR4 Synaptic Recruitment. Neuron, 2007, 55, 87-102. | 3.8 | 159 |
| 102 | STIM1 heteromultimerizes TRPC channels to determine their function as store-operated channels. Nature Cell Biology, 2007, 9, 636-645. | 4.6 | 453 |
| 103 | Symbiosis: a new model for clinical education. Clinical Teacher, 2007, 4, 209-212. | 0.4 | 51 |
| 104 | TRPC channels as STIM1-regulated store-operated channels. Cell Calcium, 2007, 42, 205-211. | 1.1 | 207 |
| 105 | Homer proteins in Ca2+ signaling by excitable and non-excitable cells. Cell Calcium, 2007, 42, 363-371. | 1.1 | 121 |
| 106 | Arc/Arg3.1 Interacts with the Endocytic Machinery to Regulate AMPA Receptor Trafficking. Neuron, 2006, 52, 445-459. | 3.8 | 691 |
| 107 | Arc/Arg3.1 Mediates Homeostatic Synaptic Scaling of AMPA Receptors. Neuron, 2006, 52, 475-484. | 3.8 | 684 |
| 108 | STIM1 carboxyl-terminus activates native SOC, Icrac and TRPC1 channels. Nature Cell Biology, 2006, 8, 1003-1010. | 4.6 | 583 |

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| 109 | Homer proteins: implications for neuropsychiatric disorders. Current Opinion in Neurobiology, 2006, 16, 251-257. | 2.0 | 159 |
| 110 | Recent behavioral history modifies coupling between cell activity and Arc gene transcription in hippocampal CA1 neurons. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1077-1082. | 3.3 | 155 |
| 111 | Homer 1 Mediates Store- and Inositol 1,4,5-Trisphosphate Receptor-dependent Translocation and Retrieval of TRPC3 to the Plasma Membrane. Journal of Biological Chemistry, 2006, 281, 32540-32549. | 1.6 | 108 |
| 112 | Homer2 Is Necessary for EtOH-Induced Neuroplasticity. Journal of Neuroscience, 2005, 25, 7054-7061. | 1.7 | 148 |
| 113 | Spatial Exploration-Induced Arc mRNA and Protein Expression: Evidence for Selective, Network-Specific Reactivation. Journal of Neuroscience, 2005, 25, 1761-1768. | 1.7 | 327 |
| 114 | Homer2 gene deletion in mice produces a phenotype similar to chronic cocaine treated rats. Neurotoxicity Research, 2004, 6, 385-387. | 1.3 | 19 |
| 115 | Homer Proteins Regulate Sensitivity to Cocaine. Neuron, 2004, 43, 401-413. | 3.8 | 226 |
| 116 | Evidence for a Relationship between Group 1 mGluR Hypofunction and Increased Cocaine and Ethanol Sensitivity in Homer2 Null Mutant Mice. Annals of the New York Academy of Sciences, 2003, 1003, 468-471. | 1.8 | 23 |
| 117 | Homer Binds TRPC Family Channels and Is Required for Gating of TRPC1 by IP3 Receptors. Cell, 2003, 114, 777-789. | 13.5 | 473 |
| 118 | Narp and NP1 Form Heterocomplexes that Function in Developmental and Activity-Dependent Synaptic Plasticity. Neuron, 2003, 39, 513-528. | 3.8 | 217 |
| 119 | Homer 2 tunes G proteinâ€“coupled receptors stimulus intensity by regulating RGS proteins and PLCÎ² GAP activities. Journal of Cell Biology, 2003, 162, 293-303. | 2.3 | 84 |
| 120 | Inhibition of Dendritic Spine Morphogenesis and Synaptic Transmission by Activity-Inducible Protein Homer1a. Journal of Neuroscience, 2003, 23, 6327-6337. | 1.7 | 232 |
| 121 | Homer Regulates Gain of Ryanodine Receptor Type 1 Channel Complex. Journal of Biological Chemistry, 2002, 277, 44722-44730. | 1.6 | 131 |
| 122 | Homer as Both a Scaffold and Transduction Molecule. Science Signaling, 2002, 2002, re8-re8. | 1.6 | 115 |
| 123 | Synaptically Targeted Narp Plays an Essential Role in the Aggregation of AMPA Receptors at Excitatory Synapses in Cultured Spinal Neurons. Journal of Neuroscience, 2002, 22, 4487-4498. | 1.7 | 140 |
| 124 | Homer-Dependent Cell Surface Expression of Metabotropic Glutamate Receptor Type 5 in Neurons. Molecular and Cellular Neurosciences, 2002, 20, 323-329. | 1.0 | 137 |
| 125 | Experience-Dependent Coincident Expression of the Effector Immediate-Early GenesArcandHomer 1ain Hippocampal and Neocortical Neuronal Networks. Journal of Neuroscience, 2002, 22, 10067-10071. | 1.7 | 272 |
| 126 | Synaptic Activity-Induced Conversion of Intronic to Exonic Sequence in Homer 1 Immediate Early Gene Expression. Journal of Neuroscience, 2002, 22, 167-175. | 1.7 | 177 |

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| 127 | Cellular Compartment Analysis of Temporal Activity by Fluorescence In Situ Hybridization (catFISH). Current Protocols in Neuroscience, 2001, 15, 1.8.1-1.8.16. | 2.6 | 61 |
| 128 | Repeated Cocaine Administration Attenuates Group I Metabotropic Glutamate Receptor-Mediated Glutamate Release and Behavioral Activation: A Potential Role for Homer. Journal of Neuroscience, 2001, 21, 9043-9052. | 1.7 | 229 |
| 129 | Regulation of SSAT expression by synaptic activity. European Journal of Neuroscience, 2001, 13, 1459-1463. | 1.2 | 19 |
| 130 | Glutamate receptor targeting in the postsynaptic spine involves mechanisms that are independent of myosin Va. European Journal of Neuroscience, 2001, 13, 1722-1732. | 1.2 | 58 |
| 131 | The scaffold protein, Homer1b/c, regulates axon pathfinding in the central nervous system in vivo. Nature Neuroscience, 2001, 4, 499-506. | 7.1 | 64 |
| 132 | Homer: a link between neural activity and glutamate receptor function. Current Opinion in Neurobiology, 2000, 10, 370-374. | 2.0 | 391 |
| 133 | Dendritic and Axonal Targeting of Type 5 Metabotropic Glutamate Receptor Is Regulated by Homer1 Proteins and Neuronal Excitation. Journal of Neuroscience, 2000, 20, 8710-8716. | 1.7 | 215 |
| 134 | Homer Proteins Regulate Coupling of Group I Metabotropic Glutamate Receptors to N-Type Calcium and M-Type Potassium Channels. Journal of Neuroscience, 2000, 20, 7238-7245. | 1.7 | 183 |
| 135 | Structure of the Homer EVH1 Domain-Peptide Complex Reveals a New Twist in Polyproline Recognition. Neuron, 2000, 26, 143-154. | 3.8 | 162 |
| 136 | Homer 1b Regulates the Trafficking of Group I Metabotropic Glutamate Receptors. Journal of Biological Chemistry, 1999, 274, 25953-25957. | 1.6 | 196 |
| 137 | Environment-specific expression of the immediate-early gene Arc in hippocampal neuronal ensembles. Nature Neuroscience, 1999, 2, 1120-1124. | 7.1 | 920 |
| 138 | Synphilin-1 associates with Î±-synuclein and promotes the formation of cytosolic inclusions. Nature Genetics, 1999, 22, 110-114. | 9.4 | 473 |
| 139 | Neural activity and immediate early gene expression in the cerebral cortex. Mental Retardation and Developmental Disabilities Research Reviews, 1999, 5, 41-50. | 3.5 | 8 |
| 140 | Synaptic Clustering of AMPA Receptors by the Extracellular Immediate-Early Gene Product Narp. Neuron, 1999, 23, 309-323. | 3.8 | 419 |
| 141 | Coupling of mGluR/Homer and PSD-95 Complexes by the Shank Family of Postsynaptic Density Proteins. Neuron, 1999, 23, 583-592. | 3.8 | 992 |
| 142 | Homer Regulates the Association of Group 1 Metabotropic Glutamate Receptors with Multivalent Complexes of Homer-Related, Synaptic Proteins. Neuron, 1998, 21, 707-716. | 3.8 | 599 |
| 143 | Homer Binds a Novel Proline-Rich Motif and Links Group 1 Metabotropic Glutamate Receptors with IP3 Receptors. Neuron, 1998, 21, 717-726. | 3.8 | 801 |
| 144 | Synaptic Activation Causes the mRNA for the IEG Arc to Localize Selectively near Activated Postsynaptic Sites on Dendrites. Neuron, 1998, 21, 741-751. | 3.8 | 751 |

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| 145 | Identification of aTorpedohomolog of Sam68 that interacts with the synapse organizing protein rapsyn. FEBS Letters, 1998, 437, 29-33. | 1.3 | 5 |
| 146 | Selective Alteration of Long-Term Potentiation-Induced Transcriptional Response in Hippocampus of Aged, Memory-Impaired Rats. Journal of Neuroscience, 1997, 17, 2876-2885. | 1.7 | 82 |
| 147 | GRIP: a synaptic PDZ domain-containing protein that interacts with AMPA receptors. Nature, 1997, 386, 279-284. | 13.7 | 812 |
| 148 | A huntingtin-associated protein enriched in brain with implications for pathology. Nature, 1995, 378, 398-402. | 13.7 | 578 |
| 149 | Arc, a growth factor and activity-regulated gene, encodes a novel cytoskeleton-associated protein that is enriched in neuronal dendrites. Neuron, 1995, 14, 433-445. | 3.8 | 1,114 |
| 150 | D1Dopamine Receptor Activation of Multiple Transcription Factor Genes in Rat Striatum. Journal of Neurochemistry, 1992, 58, 1420-1426. | 2.1 | 193 |
| 151 | Electroconvulsive Treatment Induces a Rapid and Transient Increase in Tyrosine Phosphorylatin of a 40-Kilodalton Protein Associated with Microtubule-Associated Protein 2 Kinase Activity. Journal of Neurochemistry, 1991, 56, 147-152. | 2.1 | 65 |
| 152 | Rapid Rise in Transcription Factor mRNAs in Rat Brain After Electroshock-Induced Seizures. Journal of Neurochemistry, 1990, 55, 1920-1927. | 2.1 | 190 |
| 153 | Rapid increase of an immediate early gene messenger RNA in hippocampal neurons by synaptic NMDA receptor activation. Nature, 1989, 340, 474-476. | 13.7 | 1,019 |
| 154 | Norepinephrine stimulation of adenylate cyclase potentiates protein kinase C action: Electrophysiological studies in the dentate gyrus. Synapse, 1988, 2, 614-618. | 0.6 | 9 |
| 155 | Neuronal muscarinic responses: role of protein kinase C. FASEB Journal, 1988, 2, 2575-2583. | 0.2 | 51 |
| 156 | Beyond receptors: Multiple second-messenger systems in brain. Annals of Neurology, 1987, 21, 217-229. | 2.8 | 109 |