Jeremy M Henley

List of Publications by Year
in descending order

223 papers	12,758 citations	25014 57 h-index	27389 106 g-index
237 all docs	237 docs citations	237 times ranked	10523 citing authors

#	Article	IF	Citations
1	Effects of amyloid-Î² on protein SUMOylation and levels of mitochondrial proteins in primary cortical neurons. IBRO Neuroscience Reports, 2022, 12, 142-148.	0.7	2
2	SUMOylation of synaptic and synapseâ€associated proteins: An update. Journal of Neurochemistry, 2021, 156, 145-161.	2.1	23
3	Phosphorylation of Syntaxinâ€1a by casein kinase 2Î± regulates preâ€synaptic vesicle exocytosis from the reserve pool. Journal of Neurochemistry, 2021, 156, 614-623.	2.1	18
4	AMPAr GluA1 Phosphorylation at Serine 845 in Limbic System Is Associated with Cardiac Autonomic Tone. Molecular Neurobiology, 2021, 58, 1859-1870.	1.9	2
5	Interplay between Mitochondrial Protein Import and Respiratory Complexes Assembly in Neuronal Health and Degeneration. Life, 2021, 11, 432.	1.1	14
6	Neurotrophic effects of Botulinum neurotoxin type A in hippocampal neurons involve activation of Rac1 by the non-catalytic heavy chain (HCC/A). IBRO Neuroscience Reports, 2021, 10, 196-207.	0.7	1
7	Sorting nexin-27 regulates AMPA receptor trafficking through the synaptic adhesion protein LRFN2. ELife, 2021, 10, .	2.8	12
8	Kainate receptors and synaptic plasticity. Neuropharmacology, 2021, 196, 108540.	2.0	22
9	Kainate and AMPA receptors in epilepsy: Cell biology, signalling pathways and possible crosstalk. Neuropharmacology, 2021, 195, 108569.	2.0	16
10	Sustained postsynaptic kainate receptor activation downregulates AMPA receptor surface expression and induces hippocampal LTD. IScience, 2021, 24, 103029.	1.9	6
11	SENP3 Promotes an Mff-Primed Bcl-xL-Drp1 Interaction Involved in Cell Death Following Ischemia. Frontiers in Cell and Developmental Biology, 2021, 9, 752260.	1.8	4
12	Surface biotinylation of primary neurons to monitor changes in AMPA receptor surface expression in response to kainate receptor stimulation. STAR Protocols, 2021, 2, 100992.	0.5	5
13	Neuroprotective effects of mGluR5 activation through the PI3K/Akt pathway and the molecular switch of AMPA receptors. Neuropharmacology, 2020, 162, 107810.	2.0	13
14	Guanosine modulates SUMO2/3-ylation in neurons and astrocytes via adenosine receptors. Purinergic Signalling, 2020, 16, 439-450.	1.1	13
15	Protein Interactors and Trafficking Pathways That Regulate the Cannabinoid Type 1 Receptor (CB1R). Frontiers in Molecular Neuroscience, 2020, 13, 108.	1.4	22
16	Hexokinase II dissociation alone cannot account for changes in heart mitochondrial function, morphology and sensitivity to permeability transition pore opening following ischemia. PLoS ONE, 2020, 15, e0234653.	1.1	6
17	Phosphorylation on Ser-359 of the Î±2 subunit in GABA type A receptors down-regulates their density at inhibitory synapses. Journal of Biological Chemistry, 2020, 295, 12330-12342.	1.6	5
18	Endocytosis, trafficking and exocytosis of intact full-length botulinum neurotoxin type a in cultured rat neurons. NeuroToxicology, 2020, 78, 80-87.	1.4	9

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19	Mechanisms and roles of mitochondrial localisation and dynamics in neuronal function. Neuronal Signaling, 2020, 4, NS20200008.	1.7	61
20	Title is missing!. , 2020, 15, e0234653.		0
21	Title is missing!. , 2020, 15, e0234653.		0
22	Title is missing!. , 2020, 15, e0234653.		0
23	Title is missing!. , 2020, 15, e0234653.		0
24	Title is missing!. , 2020, 15, e0234653.		0
25	Title is missing!. , 2020, 15, e0234653.		0
26	Title is missing!. , 2020, 15, e0234653.		0
27	Title is missing!. , 2020, 15, e0234653.		0
28	Changes in excitatory and inhibitory receptor expression and network activity during induction and establishment of epilepsy in the rat Reduced Intensity Status Epilepticus (RISE) model. Neuropharmacology, 2019, 158, 107728.	2.0	14
29	Ginkgolic acid promotes autophagy-dependent clearance of intracellular alpha-synuclein aggregates. Molecular and Cellular Neurosciences, 2019, 101, 103416.	1.0	30
30	Parkin-mediated ubiquitination contributes to the constitutive turnover of mitochondrial fission factor (Mff). PLoS ONE, 2019, 14, e0213116.	1.1	11
31	Protective role of the deSUMOylating enzyme SENP3 in myocardial ischemia-reperfusion injury. PLoS ONE, 2019, 14, e0213331.	1.1	15
32	Developmental profiles of SUMOylation pathway proteins in rat cerebrum and cerebellum. PLoS ONE, 2019, 14, e0212857.	1.1	5
33	Sorting nexin 27 rescues neuroligin 2 from lysosomal degradation to control inhibitory synapse number. Biochemical Journal, 2019, 476, 293-306.	1.7	21
34	Exciting Times: New Advances Towards Understanding the Regulation and Roles of Kainate Receptors. Neurochemical Research, 2019, 44, 572-584.	1.6	36
35	The C-terminal helix 9 motif in rat cannabinoid receptor type 1 regulates axonal trafficking and surface expression. ELife, 2019, 8, .	2.8	22
36	MEF2A regulates mGluR-dependent AMPA receptor trafficking independently of Arc/Arg3.1. Scientific Reports, 2018, 8, 5263.	1.6	9

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37	Extranuclear SUMOylation in Neurons. Trends in Neurosciences, 2018, 41, 198-210.	4.2	60
38	Erythropoietin Induces Homeostatic Plasticity at Hippocampal Synapses. Cerebral Cortex, 2018, 28, 2795-2809.	1.6	11
39	Transcriptional and post-translational regulation of Arc in synaptic plasticity. Seminars in Cell and Developmental Biology, 2018, 77, 3-9.	2.3	35
40	ADAR2-mediated Q/R editing of GluK2 regulates kainate receptor upscaling in response to suppression of synaptic activity. Journal of Cell Science, 2018, 131, .	1.2	14
41	The transcription factor MEF2A plays a key role in the differentiation/maturation of rat neural stem cells into neurons. Biochemical and Biophysical Research Communications, 2018, 500, 645-649.	1.0	20
42	The F238L Point Mutation in the Cannabinoid Type 1 Receptor Enhances Basal Endocytosis via Lipid Rafts. Frontiers in Molecular Neuroscience, 2018, 11, 230.	1.4	15
43	Sumoylation: Implications for Neurodegenerative Diseases. Advances in Experimental Medicine and Biology, 2017, 963, 261-281.	0.8	44
44	SENP3-mediated deSUMOylation of Drp1 facilitates interaction with Mff to promote cell death. Scientific Reports, 2017, 7, 43811.	1.6	54
45	Metabotropic action of postsynaptic kainate receptors triggers hippocampal long-term potentiation. Nature Neuroscience, 2017, 20, 529-539.	7.1	48
46	Assembly, Secretory Pathway Trafficking, and Surface Delivery of Kainate Receptors Is Regulated by Neuronal Activity. Cell Reports, 2017, 19, 2613-2626.	2.9	43
47	SUMOylation of FOXP1 regulates transcriptional repression via CtBP1 to drive dendritic morphogenesis. Scientific Reports, 2017, 7, 877.	1.6	46
48	Commentary: Analysis of SUMO1-conjugation at synapses. Frontiers in Cellular Neuroscience, 2017, 11, 345.	1.8	19
49	Increased SUMO-2/3-ylation mediated by SENP3 degradation is protective against cadmium-induced caspase 3â€“dependent cytotoxicity. Journal of Toxicological Sciences, 2017, 42, 529-538.	0.7	12
50	Editorial: Ionotropic Glutamate Receptors Trafficking in Health and Disease. Frontiers in Cellular Neuroscience, 2016, 10, 242.	1.8	1
51	SUMOylation of Syntaxin1A regulates presynaptic endocytosis. Scientific Reports, 2016, 5, 17669.	1.6	55
52	Synaptic AMPA receptor composition in development, plasticity and disease. Nature Reviews Neuroscience, 2016, 17, 337-350.	4.9	403
53	Ubiquitin C-terminal hydrolase L1 (UCH-L1): structure, distribution and roles in brain function and dysfunction. Biochemical Journal, 2016, 473, 2453-2462.	1.7	193
54	SUMOylation of Argonaute-2 regulates RNA interference activity. Biochemical and Biophysical Research Communications, 2015, 464, 1066-1071.	1.0	14

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55	Clathrin-Independent Trafficking of AMPA Receptors. Journal of Neuroscience, 2015, 35, 4830-4836.	1.7	56
56	SUMOylation of synapsin Ia maintains synaptic vesicle availability and is reduced in an autism mutation. Nature Communications, 2015, 6, 7728.	5.8	39
57	Fighting polyglutamine disease by wrestling with SUMO. Journal of Clinical Investigation, 2015, 125, 498-500.	3.9	4
58	Small GTPase Rab17 Regulates the Surface Expression of Kainate Receptors but Not Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptors in Hippocampal Neurons via Dendritic Trafficking of Syntaxin-4 Protein. Journal of Biological Chemistry, 2014, 289, 20773-20787.	1.6	12
59	The Ubiquitin C-Terminal Hydrolase L1 (UCH-L1) C Terminus Plays a Key Role in Protein Stability, but Its Farnesylation Is Not Required for Membrane Association in Primary Neurons. Journal of Biological Chemistry, 2014, 289, 36140-36149.	1.6	33
60	Differential Regulation of GABAB Receptor Trafficking by Different Modes of N-methyl-d-aspartate (NMDA) Receptor Signaling. Journal of Biological Chemistry, 2014, 289, 6681-6694.	1.6	24
61	Validity of pHluorin-tagged GluA2 as a reporter for AMPA receptor surface expression and endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E304-E304.	3.3	9
62	Wrestling with stress: Roles of protein SUMOylation and deSUMOylation in cell stress response. IUBMB Life, 2014, 66, 71-77.	1.5	97
63	Neuronal SUMOylation: Mechanisms, Physiology, and Roles in Neuronal Dysfunction. Physiological Reviews, 2014, 94, 1249-1285.	13.1	157
64	Receptor Trafficking and the Regulation of Synaptic Plasticity by SUMO. NeuroMolecular Medicine, 2013, 15, 692-706.	1.8	33
65	RIM1Î± SUMOylation Is Required for Fast Synaptic Vesicle Exocytosis. Cell Reports, 2013, 5, 1294-1301.	2.9	56
66	SENP3-mediated deSUMOylation of dynamin-related protein 1 promotes cell death following ischaemia. EMBO Journal, 2013, 32, 1514-1528.	3.5	177
67	Adenosine: setting the stage for plasticity. Trends in Neurosciences, 2013, 36, 248-257.	4.2	112
68	<i>InÂvivo</i> characterization of the properties of SUMO1-specific monobodies. Biochemical Journal, 2013, 456, 385-395.	1.7	5
69	Postsynaptic Kainate Receptor Recycling and Surface Expression Are Regulated by Metabotropic Autoreceptor Signalling. Traffic, 2013, 14, 810-822.	1.3	21
70	Homeostatic synaptic scaling is regulated by protein SUMOylation.. Journal of Biological Chemistry, 2013, 288, 4208.	1.6	0
71	SUMOylation Is Required for Glycine-Induced Increases in AMPA Receptor Surface Expression (ChemLTP) in Hippocampal Neurons. PLoS ONE, 2013, 8, e52345.	1.1	67
72	AMPA receptor trafficking and the mechanisms underlying synaptic plasticity and cognitive aging. Dialogues in Clinical Neuroscience, 2013, 15, 11-27.	1.8	180

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73	SUMOylation, Arc and the regulation homeostatic synaptic scaling. Communicative and Integrative Biology, 2012, 5, 634-636.	0.6	11
74	Modification and movement. Communicative and Integrative Biology, 2012, 5, 223-226.	0.6	15
75	Enhanced SUMOylation and SENP-1 Protein Levels following Oxygen and Glucose Deprivation in Neurones. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 17-22.	2.4	66
76	PICK1 Mediates Transient Synaptic Expression of GluA2-Lacking AMPA Receptors during Glycine-Induced AMPA Receptor Trafficking. Journal of Neuroscience, 2012, 32, 11618-11630.	1.7	60
77	Homeostatic Synaptic Scaling Is Regulated by Protein SUMOylation. Journal of Biological Chemistry, 2012, 287, 22781-22788.	1.6	72
78	Lateral Diffusion and Exocytosis of Membrane Proteins in Cultured Neurons Assessed using Fluorescence Recovery and Fluorescence-loss Photobleaching. Journal of Visualized Experiments, 2012, , .	0.2	12
79	SUMOylation and phosphorylation of GluK2 regulate kainate receptor trafficking and synaptic plasticity. Nature Neuroscience, 2012, 15, 845-852.	7.1	93
80	Protein SUMOylation in spine structure and function. Current Opinion in Neurobiology, 2012, 22, 480-487.	2.0	29
81	Measuring Membrane Protein Dynamics in Neurons Using Fluorescence Recovery after Photobleach. Methods in Enzymology, 2012, 504, 127-146.	0.4	21
82	Regulation of Neuronal Protein Trafficking and Translocation by SUMOylation. Biomolecules, 2012, 2, 256-268.	1.8	8
83	Kainate receptor trafficking. Environmental Sciences Europe, 2012, 1, 31-44.	2.6	13
84	Regulation of Calcium Sensing Receptor Trafficking by RAMPs. Advances in Experimental Medicine and Biology, 2012, 744, 39-48.	0.8	11
85	Activity-dependent SUMOylation of the brain-specific scaffolding protein GISP. Biochemical and Biophysical Research Communications, 2011, 409, 657-662.	1.0	18
86	Analysis of metabotropic glutamate receptor 7 as a potential substrate for SUMOylation. Neuroscience Letters, 2011, 491, 181-186.	1.0	17
87	Profiles of SUMO and ubiquitin conjugation in an Alzheimer's disease model. Neuroscience Letters, 2011, 502, 201-208.	1.0	47
88	Routes, destinations and delays: recent advances in AMPA receptor trafficking. Trends in Neurosciences, 2011, 34, 258-268.	4.2	147
89	Shaping the synaptic signal: molecular mobility inside and outside the cleft. Trends in Neurosciences, 2011, 34, 359-369.	4.2	71
90	The Role of Protein SUMOylation in Neuronal Function. , 2011, , 177-199.		0

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91	Ubiquitin regulation of neuronal excitability. Nature Neuroscience, 2011, 14, 126-128.	7.1	9
92	PICK1 inhibition of the Arp2/3 complex controls dendritic spine size and synaptic plasticity. EMBO Journal, 2011, 30, 719-730.	3.5	89
93	Agonist-induced PKC phosphorylation regulates GluK2 SUMOylation and kainate receptor endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19772-19777.	3.3	69
94	Oxygen/Glucose Deprivation Induces a Reduction in Synaptic AMPA Receptors on Hippocampal CA3 Neurons Mediated by mGluR1 and Adenosine A₃Receptors. Journal of Neuroscience, 2011, 31, 11941-11952.	1.7	49
95	Targets and consequences of protein SUMOylation in neurons. Brain Research Reviews, 2010, 64, 195-212.	9.1	113
96	Mechanisms, regulation and consequences of protein SUMOylation. Biochemical Journal, 2010, 428, 133-145.	1.7	549
97	Differential roles of GRIP1a and GRIP1b in AMPA receptor trafficking. Neuroscience Letters, 2010, 485, 167-172.	1.0	20
98	Dynamin-dependent Membrane Drift Recruits AMPA Receptors to Dendritic Spines. Journal of Biological Chemistry, 2009, 284, 12491-12503.	1.6	56
99	Protein SUMOylation modulates calcium influx and glutamate release from presynaptic terminals. European Journal of Neuroscience, 2009, 29, 1348-1356.	1.2	60
100	Ischaemia differentially regulates GABAB receptor subunits in organotypic hippocampal slice cultures. Neuropharmacology, 2009, 56, 1088-1096.	2.0	35
101	Synaptic receptor trafficking: The lateral point of view. Neuroscience, 2009, 158, 19-24.	1.1	39
102	GISP increases neurotransmitter receptor stability by down-regulating ESCRT-mediated lysosomal degradation. Neuroscience Letters, 2009, 452, 106-110.	1.0	16
103	Activity-dependent recruitment of AMPA receptors to the postsynaptic compartment by facilitated diffusion in the plasma membrane. Communicative and Integrative Biology, 2009, 2, 474-476.	0.6	1
104	Protein SUMOylation in neuropathological conditions. Drug News and Perspectives, 2009, 22, 255.	1.9	36
105	Corticosterone Alters AMPAR Mobility and Facilitates Bidirectional Synaptic Plasticity. PLoS ONE, 2009, 4, e4714.	1.1	113
106	The Role of Sumoylation in Neurodegenerative Diseases. , 2009, , 233-251.		1
107	GISP binding to TSG101 increases GABA_B receptor stability by downâ€regulating ESCRTâ€mediated lysosomal degradation. Journal of Neurochemistry, 2008, 107, 86-95.	2.1	31
108	Analysis of SUMO-1 modification of neuronal proteins containing consensus SUMOylation motifs. Neuroscience Letters, 2008, 436, 239-244.	1.0	40

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109	Metabotropic Glutamate Receptor-Mediated LTD Involves Two Interacting Ca2+ Sensors, NCS-1 and PICK1. Neuron, 2008, 60, 1095-1111.	3.8	100
110	Increased protein SUMOylation following focal cerebral ischemia. Neuropharmacology, 2008, 54, 280-289.	2.0	90
111	Presynaptic mGlu1 and mGlu5 autoreceptors facilitate glutamate exocytosis from mouse cortical nerve endings. Neuropharmacology, 2008, 55, 474-482.	2.0	49
112	Regulation of calcium-sensing-receptor trafficking and cell-surface expression by GPCRs and RAMPs. Trends in Pharmacological Sciences, 2008, 29, 633-639.	4.0	31
113	Bidirectional Regulation of Kainate Receptor Surface Expression in Hippocampal Neurons. Journal of Biological Chemistry, 2008, 283, 36435-36440.	1.6	37
114	Investigating the Mechanisms Underlying Neuronal Death in Ischemia Using In Vitro Oxygen-Glucose Deprivation: Potential Involvement of Protein SUMOylation. Neuroscientist, 2008, 14, 626-636.	2.6	44
115	The calcium-sensing receptor changes cell shape via a Î²-arrestin-1â€"ARNOâ€"ARF6â€"ELMO protein network. Journal of Cell Science, 2007, 120, 2489-2497.	1.2	41
116	Wrestling with epilepsy; potential roles for kainate receptor SUMOylation in regulating neuronal excitability. Future Neurology, 2007, 2, 591-595.	0.9	2
117	Retaining Synaptic AMPARs. Neuron, 2007, 55, 825-827.	3.8	7
118	Differential redistribution of native AMPA receptor complexes following LTD induction in acute hippocampal slices. Neuropharmacology, 2007, 52, 92-99.	2.0	25
119	PICK1 interacts with Î±7 neuronal nicotinic acetylcholine receptors and controls their clustering. Molecular and Cellular Neurosciences, 2007, 35, 339-355.	1.0	32
120	Emerging extranuclear roles of protein SUMOylation in neuronal function and dysfunction. Nature Reviews Neuroscience, 2007, 8, 948-959.	4.9	185
121	SUMOylation regulates kainate-receptor-mediated synaptic transmission. Nature, 2007, 447, 321-325.	13.7	255
122	GISP: a novel brain-specific protein that promotes surface expression and function of GABABreceptors. Journal of Neurochemistry, 2007, 100, 1003-1017.	2.1	30
123	A novel method for monitoring the cell surface expression of heteromeric protein complexes in dispersed neurons and acute hippocampal slices. Journal of Neuroscience Methods, 2007, 160, 302-308.	1.3	27
124	Picking out the Details of Cerebellar LTD. Neuron, 2006, 49, 778-780.	3.8	4
125	The schizophrenic faces of PICK1. Trends in Pharmacological Sciences, 2006, 27, 574-579.	4.0	44
126	Ultrastructural localisation and differential agonist-induced regulation of AMPA and kainate receptors present at the presynaptic active zone and postsynaptic density. Journal of Neurochemistry, 2006, 99, 549-560.	2.1	43

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127	Novel putative targets ofN-ethylmaleimide sensitive fusion protein (NSF) and Î±/Î² soluble NSF attachment proteins (SNAPs) include the Pak-binding nucleotide exchange factor Î²PIX. Journal of Cellular Biochemistry, 2006, 99, 1203-1215.	1.2	16
128	Lateral Diffusion Drives Constitutive Exchange of AMPA Receptors at Dendritic Spines and Is Regulated by Spine Morphology. Journal of Neuroscience, 2006, 26, 7046-7055.	1.7	272
129	Visualization of AMPAR Trafficking and Surface Expression. Frontiers in Neuroscience, 2006, , 119-141.	0.0	1
130	PICK1 is a calcium-sensor for NMDA-induced AMPA receptor trafficking. EMBO Journal, 2005, 24, 3266-3278.	3.5	142
131	(35) Acetylcholinesterase effects on glutamate receptors. Chemico-Biological Interactions, 2005, 157-158, 410-411.	1.7	1
132	Receptor-activity-modifying proteins are required for forward trafficking of the calcium-sensing receptor to the plasma membrane. Journal of Cell Science, 2005, 118, 4709-4720.	1.2	150
133	The Molecular Pharmacology and Cell Biology of Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptors. Pharmacological Reviews, 2005, 57, 253-277.	7.1	206
134	Profile of changes in gene expression in cultured hippocampal neurones evoked by the GABAB receptor agonist baclofen. Physiological Genomics, 2005, 22, 93-98.	1.0	27
135	Syntenin is involved in the developmental regulation of neuronal membrane architecture. Molecular and Cellular Neurosciences, 2005, 28, 737-746.	1.0	45
136	Calcium as an extracellular signalling molecule: perspectives on the Calcium Sensing Receptor in the brain. Comptes Rendus - Biologies, 2005, 328, 691-700.	0.1	43
137	Hippocalcin Functions as a Calcium Sensor in Hippocampal LTD. Neuron, 2005, 47, 487-494.	3.8	120
138	Removal of AMPA Receptors (AMPARs) from Synapses Is Preceded by Transient Endocytosis of Extrasynaptic AMPARs. Journal of Neuroscience, 2004, 24, 5172-5176.	1.7	219
139	Regulation of Synaptic Strength and AMPA Receptor Subunit Composition by PICK1. Journal of Neuroscience, 2004, 24, 5381-5390.	1.7	160
140	The PDZ Domain of PICK1 Differentially Accepts Protein Kinase C-Î± and GluR2 as Interacting Ligands. Journal of Biological Chemistry, 2004, 279, 41393-41397.	1.6	34
141	Activity-dependent endocytic sorting of kainate receptors to recycling or degradation pathways. EMBO Journal, 2004, 23, 4749-4759.	3.5	106
142	It's green outside: tracking cell surface proteins with pH-sensitive GFP. Trends in Neurosciences, 2004, 27, 257-261.	4.2	112
143	Development of GABAB subunits and functional GABAB receptors in rat cultured hippocampal neurons. Neuropharmacology, 2004, 47, 475-484.	2.0	22
144	Proteins interactions implicated in AMPA receptor trafficking: a clear destination and an improving route map. Neuroscience Research, 2003, 45, 243-254.	1.0	50

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145	AMPA receptor potentiation by acetylcholinesterase is ageâ€dependently upregulated at synaptogenesis sites of the rat brain. International Journal of Developmental Neuroscience, 2003, 21, 49-61.	0.7	8
146	Acetylcholinesterase promotes neurite elongation, synapse formation, and surface expression of AMPA receptors in hippocampal neurones. Molecular and Cellular Neurosciences, 2003, 23, 96-106.	1.0	42
147	Rapid and Differential Regulation of AMPA and Kainate Receptors at Hippocampal Mossy Fibre Synapses by PICK1 and GRIP. Neuron, 2003, 37, 625-638.	3.8	196
148	Characterization of the Intracellular Transport of GluR1 and GluR2 Î±-Amino-3-hydroxy-5-methyl-4-isoxazole Propionic Acid Receptor Subunits in Hippocampal Neurons. Journal of Biological Chemistry, 2003, 278, 43525-43532.	1.6	42
149	Regulation of kainate receptors by protein kinase C and metabotropic glutamate receptors. Journal of Physiology, 2003, 548, 723-730.	1.3	47
150	The PDZ Proteins PICK1, GRIP, and Syntenin Bind Multiple Glutamate Receptor Subtypes. Journal of Biological Chemistry, 2002, 277, 15221-15224.	1.6	128
151	Proteins Involved in the Trafficking and Functional Synaptic Expression of AMPA and KA Receptors. Scientific World Journal, The, 2002, 2, 461-482.	0.8	10
152	Phospholipase A2 Down-Regulates the Affinity of [3H]AMPA Binding to Rat Cortical Membranes. Journal of Neurochemistry, 2002, 65, 184-191.	2.1	12
153	GABAB Receptors Couple Directly to the Transcription Factor ATF4. Molecular and Cellular Neurosciences, 2001, 17, 637-645.	1.0	82
154	Characterization of a Metabotropic Glutamate Receptor Type 5-Green Fluorescent Protein Chimera (mGluR5â€"GFP): Pharmacology, Surface Expression, and Differential Effects of Homer-1a and Homer-1c. Molecular and Cellular Neurosciences, 2001, 18, 296-306.	1.0	31
155	Regulation of mglu7 receptors by proteins that interact with the intracellular C-terminus. Trends in Pharmacological Sciences, 2001, 22, 355-361.	4.0	58
156	CAKÎ²/Pyk2 Activates Src. Neuron, 2001, 29, 312-314.	3.8	8
157	Transient synaptic activation of NMDA receptors leads to the insertion of native AMPA receptors at hippocampal neuronal plasma membranes. Neuropharmacology, 2001, 41, 700-713.	2.0	101
158	Regional localization and developmental profile of acetylcholinesterase-evoked increases in [3 H]-5-fluorowillardiine binding to AMPA receptors in rat brain. British Journal of Pharmacology, 2001, 133, 1055-1062.	2.7	5
159	Glutamate receptor trafficking. Pharmaceutical Science Series, 2001, , 56-68.	0.0	1
160	Targeting of tetracycline-regulatable transgene expression specifically to neuronal and glial cell populations using adenoviral vectors. NeuroReport, 2000, 11, 2051-2055.	0.6	44
161	Developmental Changes in Synaptic AMPA and NMDA Receptor Distribution and AMPA Receptor Subunit Composition in Living Hippocampal Neurons. Journal of Neuroscience, 2000, 20, 7922-7931.	1.7	205
162	PICK1 Interacts with and Regulates PKC Phosphorylation of mGLUR7. Journal of Neuroscience, 2000, 20, 7252-7257.	1.7	144

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163	PDZ Proteins Interacting with C-Terminal GluR2/3 Are Involved in a PKC-Dependent Regulation of AMPA Receptors at Hippocampal Synapses. Neuron, 2000, 28, 873-886.	3.8	297
164	Interactions between AMPA receptors and intracellular proteins. Neuropharmacology, 2000, 39, 919-930.	2.0	80
165	The N-Terminal Domain of Î³-Aminobutyric Acid_BReceptors Is Sufficient to Specify Agonist and Antagonist Binding. Molecular Pharmacology, 1999, 56, 448-454.	1.0	109
166	Experience-dependent development of NMDA receptor transmission. Nature Neuroscience, 1999, 2, 297-299.	7.1	61
167	Surface Expression of AMPA Receptors in Hippocampal Neurons Is Regulated by an NSF-Dependent Mechanism. Neuron, 1999, 23, 365-376.	3.8	311
168	Hippocampal LTD Expression Involves a Pool of AMPARs Regulated by the NSFâ€"GluR2 Interaction. Neuron, 1999, 24, 389-399.	3.8	298
169	Differential changes in the subcellular distribution of Î±-amino-3-hydroxy-5-methyl-4-isoxazole propionate and N-methyl-d-aspartate receptors in neonate and adult rat cortex. Neuroscience Letters, 1999, 270, 49-52.	1.0	11
170	Kainate receptors: subunits, synaptic localization and function. Trends in Pharmacological Sciences, 1999, 20, 26-35.	4.0	250
171	Characterisation and partial purification of the GABAB receptor from the rat cerebellum using the novel antagonist [ ]CGP 62349. Molecular Brain Research, 1999, 71, 279-289.	2.5	16
172	The protein kinase CÎ± binding protein PICK1 interacts with short but not long form alternative splice variants of AMPA receptor subunits. Neuropharmacology, 1999, 38, 635-644.	2.0	201
173	Rapid internalization and surface expression of a functional, fluorescently tagged G-protein-coupled glutamate receptor. Biochemical Journal, 1999, 341, 415-422.	1.7	40
174	Construction and Expression of Human Metabotropic Glutamate Receptor 5a-GFP Fusion Protein (hmGluR5-GFP). Biochemical Society Transactions, 1999, 27, A119-A119.	1.6	0
175	Rapid internalization and surface expression of a functional, fluorescently tagged G-protein-coupled glutamate receptor. Biochemical Journal, 1999, 341, 415.	1.7	17
176	The regulation of AMPA receptor-binding sites. Molecular Neurobiology, 1998, 17, 33-58.	1.9	20
177	Different effects of phospholipase A2 on agonist binding to hippocampal, cortical and recombinant homomeric Î±-amino-3-hydroxy-5-methyl-4-isoxazolepropionate receptors. Neuroscience Letters, 1998, 246, 25-28.	1.0	4
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