Frances Stephenson

List of Publications by Year
in descending order

48 papers	3,898 citations	270111 25 h-index	286692 43 g-index
49 all docs	49 docs citations	49 times ranked	2921 citing authors

#	Article	IF	Citations
1	Eric A. Barnard. 2 July 1927â€"23 May 2018. Biographical Memoirs of Fellows of the Royal Society, 2020, 69, 37-61.	0.1	3
2	A half century of Î³-aminobutyric acid. Brain and Neuroscience Advances, 2019, 3, 239821281985824.	1.8	42
3	Identification of C-Terminal Binding Protein 1 as a Novel NMDA Receptor Interactor. Neurochemical Research, 2019, 44, 1437-1445.	1.6	2
4	Developmental changes in trak-mediated mitochondrial transport in neurons. Molecular and Cellular Neurosciences, 2017, 80, 134-147.	1.0	20
5	Localization of the kinesin adaptor proteins trafficking kinesin proteins 1 and 2 in primary cultures of hippocampal pyramidal and cortical neurons. Journal of Neuroscience Research, 2015, 93, 1056-1066.	1.3	20
6	<scp>APLP</scp>1 and <scp>APLP</scp>2, members of the <scp>APP</scp> family of proteins, behave similarly to <scp>APP</scp> in that they associate with <scp>NMDA</scp> receptors and enhance <scp>NMDA</scp> receptor surface expression. Journal of Neurochemistry, 2015, 133, 879-885.	2.1	26
7	Marie T. Filbin. Journal of Neurochemistry, 2014, 130, 605-607.	2.1	1
8	Revisiting the TRAK Family of Proteins as Mediators of GABAA Receptor Trafficking. Neurochemical Research, 2014, 39, 992-996.	1.6	11
9	Inhibitory Synapse Formation in a Co-culture Model Incorporating GABAergic Medium Spiny Neurons and HEK293 Cells Stably Expressing GABA_A Receptors. Journal of Visualized Experiments, 2014, , e52115.	0.2	9
10	Delineation of the TRAK binding regions of the kinesinâ€1 motor proteins. FEBS Letters, 2013, 587, 3763-3769.	1.3	25
11	Neto1 associates with the <scp>NMDA</scp> receptor/amyloid precursor protein complex. Journal of Neurochemistry, 2013, 126, 554-564.	2.1	27
12	Identification of N-Methyl-d-aspartic Acid (NMDA) Receptor Subtype-specific Binding Sites That Mediate Direct Interactions with Scaffold Protein PSD-95. Journal of Biological Chemistry, 2012, 287, 13465-13476.	1.6	33
13	NMDA receptor/amyloid precursor protein interactions: A comparison between wild-type and amyloid precursor protein mutations associated with familial Alzheimer's disease. Neuroscience Letters, 2012, 515, 131-136.	1.0	16
14	N-acetylglucosamine transferase is an integral component of a kinesin-directed mitochondrial trafficking complex. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 269-281.	1.9	29
15	Trafficking Kinesin Protein (TRAK)-mediated Transport of Mitochondria in Axons of Hippocampal Neurons. Journal of Biological Chemistry, 2011, 286, 18079-18092.	1.6	152
16	Mechanisms of Neuronal Mitochondrial Transport. , 2011, , 105-119.		2
17	Activity-dependent immobilization of mitochondria: the role of Miro. Frontiers in Molecular Neuroscience, 2010, 3, 9.	1.4	2
18	Dynamic and specific interaction between synaptic NR2-NMDA receptor and PDZ proteins. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19561-19566.	3.3	86

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19	The Integrity of the Glycine Co-agonist Binding Site of N-Methyl-d-aspartate Receptors Is a Functional Quality Control Checkpoint for Cell Surface Delivery. Journal of Biological Chemistry, 2009, 284, 324-333.	1.6	39
20	Amyloid precursor protein 695 associates with assembled NR2Aâ€•and NR2Bâ€containing NMDA receptors to result in the enhancement of their cell surface delivery. Journal of Neurochemistry, 2009, 111, 1501-1513.	2.1	61
21	GTPase dependent recruitment of Grif-1 by Miro1 regulates mitochondrial trafficking in hippocampal neurons. Molecular and Cellular Neurosciences, 2009, 40, 301-312.	1.0	152
22	Coexpression of Postsynaptic Density-95 Protein with NMDA Receptors Results in Enhanced Receptor Expression Together with a Decreased Sensitivity to L-Glutamate. Journal of Neurochemistry, 2008, 75, 2501-2510.	2.1	38
23	Differential interaction of NMDA receptor subtypes with the postâ€synaptic densityâ€95 family of membrane associated guanylate kinase proteins. Journal of Neurochemistry, 2008, 104, 903-913.	2.1	53
24	Assembly and forward trafficking of NMDA receptors (Review). Molecular Membrane Biology, 2008, 25, 311-320.	2.0	71
25	Foreword: trafficking, assembly and regulation of neurotransmitter receptors and ion channels. Molecular Membrane Biology, 2008, 25, 267-269.	2.0	0
26	Mapping the GRIF-1 Binding Domain of the Kinesin, KIF5C, Substantiates a Role for GRIF-1 as an Adaptor Protein in the Anterograde Trafficking of Cargoes. Journal of Biological Chemistry, 2006, 281, 27216-27228.	1.6	75
27	NMDA receptor surface mobility depends on NR2A-2B subunits. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18769-18774.	3.3	306
28	GRIF-1 and OIP106, Members of a Novel Gene Family of Coiled-Coil Domain Proteins. Journal of Biological Chemistry, 2005, 280, 14723-14732.	1.6	153
29	Appropriate NR1-NR1 Disulfide-linked Homodimer Formation Is Requisite for Efficient Expression of Functional, Cell Surface N-Methyl-D-aspartate NR1/NR2 Receptors. Journal of Biological Chemistry, 2004, 279, 14703-14712.	1.6	60
30	Identification, Molecular Cloning, and Characterization of a Novel GABAA Receptor-associated Protein, GRIF-1. Journal of Biological Chemistry, 2002, 277, 30079-30090.	1.6	103
31	Further characterization of the molecular interaction between PSD-95 and NMDA receptors: the effect of the NR1 splice variant and evidence for modulation of channel gating. Journal of Neurochemistry, 2002, 81, 1298-1307.	2.1	19
32	Bidirectional Regulation of GABAA Receptor Î±1 and Î±6 Subunit Expression by a Cyclic AMP-Mediated Signalling Mechanism in Cerebellar Granule Cells in Primary Culture. Journal of Neurochemistry, 2002, 67, 434-437.	2.1	21
33	Synaptic localization of GABAA receptor subunits in the striatum of the rat. Journal of Comparative Neurology, 2000, 416, 158-172.	0.9	79
34	Characterization of the binding of two novel glycine site antagonists to cloned NMDA receptors: evidence for two pharmacological classes of antagonists. British Journal of Pharmacology, 2000, 130, 65-72.	2.7	7
35	Biochemical Evidence for the Co-association of Three N-Methyl-d-aspartate (NMDA) R2 Subunits in Recombinant NMDA Receptors. Journal of Biological Chemistry, 1999, 274, 27211-27218.	1.6	99
36	Labelling and characterisation of Î³-aminobutyric acidA receptor subunit-specific antibodies with monomaleimido Nanogold. Biochemical Society Transactions, 1997, 25, 546S-546S.	1.6	2

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37	Characterisation of novel Î²2 and Î²3 Î³-aminobutyric acidA receptor antibodies. Biochemical Society Transactions, 1997, 25, 547S-547S.	1.6	4
38	Biochemical Evidence for the Existence of a Pool of Unassembled C2 Exonâ€Containing NR1 Subunits of the Mammalian Forebrain NMDA Receptor. Journal of Neurochemistry, 1997, 68, 507-516.	2.1	67
39	Molecular Dissection of Native Mammalian Forebrain NMDA Receptors Containing the NR1 C2 Exon: Direct Demonstration of NMDA Receptors Comprising NR1, NR2A, and NR2B Subunits Within the Same Complex. Journal of Neurochemistry, 1997, 69, 2138-2144.	2.1	119
40	An investigation into the role ofN-glycosylation in the functional expression of a recombinant heteromeric NMDA receptor. Molecular Membrane Biology, 1995, 12, 331-337.	2.0	41
41	Characterisation of a cation binding site of a cloned heteromeric NMDA receptor: Comparison with native receptors. Biochemical Society Transactions, 1994, 22, 153S-153S.	1.6	0
42	GABA_A Receptor Subtypes Expressed in Cerebellar Granule Cells: A Developmental Study. Journal of Neurochemistry, 1994, 62, 2037-2044.	2.1	61
43	Identification of the GABA_A Receptor Î±3 Subunit in the IMRâ€32 Neuroblastoma Cell Line. Journal of Neurochemistry, 1993, 61, 752-755.	2.1	10
44	Immunological Detection of the NMDAR1 Glutamate Receptor Subunit Expressed in Human Embryonic Kidney 293 Cells and in Rat Brain. Journal of Neurochemistry, 1992, 59, 1176-1178.	2.1	74
45	Quantitative Immunoprecipitation Studies with Anti-?-Aminobutyric AcidAReceptor ?2 1?15 Cys Antibodies. Journal of Neurochemistry, 1992, 58, 72-77.	2.1	42
46	Sequence and functional expression of the GABAA receptor shows a ligand-gated receptor super-family. Nature, 1987, 328, 221-227.	13.7	1,636
47	Quantitative Imaging of Receptor Trafficking. , 0, , 69-83.		0
48	Receptors for Neurotransmitters. , 0, , 61-93.		0