Carlos B Duarte

List of Publications by Year
in descending order

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146 papers	6,401 citations	81900 39 h-index	79698 73 g-index
146 all docs	146 docs citations	146 times ranked	8495 citing authors

#	Article	IF	Citations
1	<scp>Brainâ€derived neurotrophic factor</scp>â€induced regulation of <scp>RNA</scp> metabolism in neuronal development and synaptic plasticity. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1713.	6.4	6
2	Posttranslational modifications of proteins are key features in the identification of CSF biomarkers of multiple sclerosis. Journal of Neuroinflammation, 2022, 19, 44.	7.2	4
3	Molecular Mechanisms of Epilepsy: The Role of the Chloride Transporter KCC2. Journal of Molecular Neuroscience, 2022, 72, 1500-1515.	2.3	3
4	Transient incubation of cultured hippocampal neurons in the absence of magnesium induces rhythmic and synchronized epileptiform-like activity. Scientific Reports, 2021, 11, 11374.	3.3	11
5	GRASP1 ubiquitination regulates AMPA receptor surface expression and synaptic activity in cultured hippocampal neurons. FASEB Journal, 2021, 35, e21763.	0.5	1
6	Response of the cerebral vasculature to systemic carbon monoxide administrationâ€”Regional differences and sexual dimorphism. European Journal of Neuroscience, 2020, 52, 2771-2780.	2.6	2
7	P2X7 Receptors Mediate CO-Induced Alterations in Gene Expression in Cultured Cortical Astrocytesâ€”Transcriptomic Study. Molecular Neurobiology, 2019, 56, 3159-3174.	4.0	11
8	BDNF increases synaptic NMDA receptor abundance by enhancing the local translation of Pyk2 in cultured hippocampal neurons. Science Signaling, 2019, 12, .	3.6	24
9	Polyamide 6.6 thin films with distinct ratios of the main chemical groups: Influence in the primary neuronal cell culture. Applied Surface Science, 2019, 490, 30-37.	6.1	6
10	Alterations in GABAA-Receptor Trafficking and Synaptic Dysfunction in Brain Disorders. Frontiers in Cellular Neuroscience, 2019, 13, 77.	3.7	59
11	BDNF-Live-Exon-Visualization (BLEV) Allows Differential Detection of BDNF Transcripts in vitro and in vivo. Frontiers in Molecular Neuroscience, 2018, 11, 325.	2.9	12
12	Downregulation of GABAA Receptor Recycling Mediated by HAP1 Contributes to Neuronal Death in In Vitro Brain Ischemia. Molecular Neurobiology, 2017, 54, 45-57.	4.0	27
13	BDNF and Hippocampal Synaptic Plasticity. Vitamins and Hormones, 2017, 104, 153-195.	1.7	287
14	BDNF-Induced Intracellular Signaling. Neuromethods, 2017, , 161-183.	0.3	0
15	The RNA-Binding Protein hnRNP K Mediates the Effect of BDNF on Dendritic mRNA Metabolism and Regulates Synaptic NMDA Receptors in Hippocampal Neurons. ENeuro, 2017, 4, ENEURO.0268-17.2017.	1.9	57
16	Preparation of Primary Cultures of Embryonic Rat Hippocampal and Cerebrocortical Neurons. Bio-protocol, 2017, 7, e2551.	0.4	15
17	Erratum to â€œCalpains and neuronal damage in the ischemic brain: The swiss knife in synaptic injuryâ€• [Progress in Neurobiology 143 (2016) 1â€“35]. Progress in Neurobiology, 2016, 147, 20.	5.7	3
18	Role of <scp>GABA_AR</scp> trafficking in the plasticity of inhibitory synapses. Journal of Neurochemistry, 2016, 139, 997-1018.	3.9	56

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19	7th<scp>ISN</scp> special neurochemistry conference â€˜Synaptic function and dysfunction in brain diseasesâ€™. Journal of Neurochemistry, 2016, 139, 918-920.	3.9	1
20	Calpains and neuronal damage in the ischemic brain: The swiss knife in synaptic injury. Progress in Neurobiology, 2016, 143, 1-35.	5.7	76
21	Adaptive preconditioning in neurological diseases â€“ therapeutic insights from proteostatic perturbations. Brain Research, 2016, 1648, 603-616.	2.2	41
22	Multiple domains in the C-terminus of NMDA receptor GluN2B subunit contribute to neuronal death following in vitro ischemia. Neurobiology of Disease, 2016, 89, 223-234.	4.4	34
23	The Role of Proteases in Hippocampal Synaptic Plasticity: Putting Together Small Pieces of a Complex Puzzle. Neurochemical Research, 2016, 41, 156-182.	3.3	20
24	Gephyrin Cleavage in In Vitro Brain Ischemia Decreases GABAA Receptor Clustering and Contributes to Neuronal Death. Molecular Neurobiology, 2016, 53, 3513-3527.	4.0	41
25	Differential Role of the Proteasome in the Early and Late Phases of BDNF-Induced Facilitation of LTP. Journal of Neuroscience, 2015, 35, 3319-3329.	3.6	40
26	Effect of carbon monoxide on gene expression in cerebrocortical astrocytes: Validation of reference genes for quantitative real-time PCR. Nitric Oxide - Biology and Chemistry, 2015, 49, 80-89.	2.7	9
27	Brain ischemia downregulates the neuroprotective GDNF-Ret signaling by a calpain-dependent mechanism in cultured hippocampal neurons. Cell Death and Disease, 2015, 6, e1645-e1645.	6.3	22
28	Regulation of hippocampal synaptic plasticity by BDNF. Brain Research, 2015, 1621, 82-101.	2.2	325
29	Ischemic insults induce necroptotic cell death in hippocampal neurons through the up-regulation of endogenous RIP3. Neurobiology of Disease, 2014, 68, 26-36.	4.4	107
30	Role of the ubiquitinâ€“proteasome system in brain ischemia: Friend or foe?. Progress in Neurobiology, 2014, 112, 50-69.	5.7	108
31	p75NTR Processing and Signaling: Functional Role. , 2014, , 1899-1923.		6
32	GABAA receptor dephosphorylation followed by internalization is coupled to neuronal death in in vitro ischemia. Neurobiology of Disease, 2014, 65, 220-232.	4.4	36
33	Calpain inhibition reduces ataxin-3 cleavage alleviating neuropathology and motor impairments in mouse models of Machadoâ€“Joseph disease. Human Molecular Genetics, 2014, 23, 4932-4944.	2.9	46
34	BDNF-induced local protein synthesis and synaptic plasticity. Neuropharmacology, 2014, 76, 639-656.	4.1	492
35	In Vitro Ischemia Triggers a Transcriptional Response to Down-Regulate Synaptic Proteins in Hippocampal Neurons. PLoS ONE, 2014, 9, e99958.	2.5	20
36	Neuronal Activity Induces Synaptic Delivery of hnRNP A2/B1 by a BDNF-Dependent Mechanism in Cultured Hippocampal Neurons. PLoS ONE, 2014, 9, e108175.	2.5	22

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37	Spatiotemporal resolution of BDNF neuroprotection against glutamate excitotoxicity in cultured hippocampal neurons. Neuroscience, 2013, 237, 66-86.	2.3	30
38	Excitotoxic stimulation downregulates the ubiquitinâ€“proteasome system through activation of NMDA receptors in cultured hippocampal neurons. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 263-274.	3.8	37
39	BDNF Regulates the Expression and Distribution of Vesicular Glutamate Transporters in Cultured Hippocampal Neurons. PLoS ONE, 2013, 8, e53793.	2.5	56
40	Contactin-associated Protein 1 (Caspr1) Regulates the Traffic and Synaptic Content of Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA)-type Glutamate Receptors. Journal of Biological Chemistry, 2012, 287, 6868-6877.	3.4	28
41	Calpastatin-mediated inhibition of calpains in the mouse brain prevents mutant ataxin 3 proteolysis, nuclear localization and aggregation, relieving Machado-Joseph disease. Brain, 2012, 135, 2428-2439.	7.6	98
42	Neuroprotection by GDNF in the ischemic brain. Growth Factors, 2012, 30, 242-257.	1.7	79
43	Excitotoxicity Downregulates TrkB.FL Signaling and Upregulates the Neuroprotective Truncated TrkB Receptors in Cultured Hippocampal and Striatal Neurons. Journal of Neuroscience, 2012, 32, 4610-4622.	3.6	84
44	Role of the ubiquitinâ€“proteasome system in nervous system function and disease: using C. elegans as a dissecting tool. Cellular and Molecular Life Sciences, 2012, 69, 2691-2715.	5.4	22
45	Signal transduction profile of chemical sensitisers in dendritic cells: An endpoint to be included in a cell-based in vitro alternative approach to hazard identification?. Toxicology and Applied Pharmacology, 2011, 250, 87-95.	2.8	21
46	Cleavage of the vesicular glutamate transporters under excitotoxic conditions. Neurobiology of Disease, 2011, 44, 292-303.	4.4	31
47	Proteomics-Based Technologies in the Discovery of Biomarkers for Multiple Sclerosis in the Cerebrospinal Fluid. Current Molecular Medicine, 2011, 11, 326-349.	1.3	14
48	Cleavage of the Vesicular GABA Transporter under Excitotoxic Conditions Is Followed by Accumulation of the Truncated Transporter in Nonsynaptic Sites. Journal of Neuroscience, 2011, 31, 4622-4635.	3.6	42
49	Proteomic Analysis of an Interactome for Long-Form AMPA Receptor Subunits. Journal of Proteome Research, 2010, 9, 1670-1682.	3.7	20
50	Effect of lipopolysaccharide, skin sensitizers and irritants on thioredoxin-1 expression in dendritic cells: relevance of different signalling pathways. Archives of Dermatological Research, 2010, 302, 271-282.	1.9	2
51	Excitotoxicity through Ca2+-permeable AMPA receptors requires Ca2+-dependent JNK activation. Neurobiology of Disease, 2010, 40, 645-655.	4.4	23
52	Juice of Bryophyllum pinnatum (Lam.) inhibits oxytocin-induced increase of the intracellular calcium concentration in human myometrial cells. Phytomedicine, 2010, 17, 980-986.	5.3	29
53	Regulation of local translation at the synapse by BDNF. Progress in Neurobiology, 2010, 92, 505-516.	5.7	109
54	Role of the Proteasome in Excitotoxicity-Induced Cleavage of Glutamic Acid Decarboxylase in Cultured Hippocampal Neurons. PLoS ONE, 2010, 5, e10139.	2.5	21

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55	BDNF-Induced Changes in the Expression of the Translation Machinery in Hippocampal Neurons: Protein Levels and Dendritic mRNA. Journal of Proteome Research, 2009, 8, 4536-4552.	3.7	54
56	Regulation of AMPA receptors and synaptic plasticity. Neuroscience, 2009, 158, 105-125.	2.3	121
57	Differential roles of PI3-Kinase, MAPKs and NF-Î°B on the manipulation of dendritic cell Th1/Th2 cytokine/chemokine polarizing profile. Molecular Immunology, 2009, 46, 2481-2492.	2.2	49
58	Validation of internal control genes for expression studies: Effects of the neurotrophin BDNF on hippocampal neurons. Journal of Neuroscience Research, 2008, 86, 3684-3692.	2.9	63
59	Role of the brainâ€derived neurotrophic factor at glutamatergic synapses. British Journal of Pharmacology, 2008, 153, S310-24.	5.4	248
60	Differential modulation of CXCR4 and CD40 protein levels by skin sensitizers and irritants in the FSDC cell line. Toxicology Letters, 2008, 177, 74-82.	0.8	30
61	Characterization of alternatively spliced isoforms of AMPA receptor subunits encoding truncated receptors. Molecular and Cellular Neurosciences, 2008, 37, 323-334.	2.2	9
62	In Vitro Behavior and Surface Morphology of Modified 316L Stainless Steel Stents. Microscopy and Microanalysis, 2008, 14, 35-36.	0.4	2
63	Validation of internal control genes for expression studies: Effects of the neurotrophin BDNF on hippocampal neurons. Journal of Neuroscience Research, 2008, 86, 3684-3692.	2.9	48
64	Brain-derived Neurotrophic Factor Regulates the Expression and Synaptic Delivery ofÎ±-Amino-3-hydroxy-5-methyl-4-isoxazole Propionic Acid Receptor Subunits in Hippocampal Neurons. Journal of Biological Chemistry, 2007, 282, 12619-12628.	3.4	212
65	Effect of Skin Sensitizers on Inducible Nitric Oxide Synthase Expression and Nitric Oxide Production in Skin Dendritic Cells: Role of Different Immunosuppressive Drugs. Immunopharmacology and Immunotoxicology, 2007, 29, 225-241.	2.4	9
66	Neurotrophin Signaling and Cell Survival. , 2007, , 137-172.		11
67	BDNF regulates the expression and traffic of NMDA receptors in cultured hippocampal neurons. Molecular and Cellular Neurosciences, 2007, 35, 208-219.	2.2	210
68	Effects of mood stabilizers on the inhibition of adenylate cyclase via dopamine D2-like receptors. Bipolar Disorders, 2007, 9, 290-297.	1.9	44
69	PKC Anchoring to GluR4 AMPA Receptor Subunit Modulates PKC-Driven Receptor Phosphorylation and Surface Expression. Traffic, 2007, 8, 259-269.	2.7	24
70	Nitric Oxide Modulates Tumor Cell Death Induced by Photodynamic Therapy Through a cGMP-dependent MechanismÂ¶. Photochemistry and Photobiology, 2007, 76, 423-430.	2.5	0
71	Brain-derived neurotrophic factor regulates the expression and synaptic delivery of Î±-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunits in hippocampal neurons. VOLUME 282 (2007) PAGES 12619-12628. Journal of Biological Chemistry, 2007, 282, 27556.	3.4	0
72	The interaction between dopamine D2-like and beta-adrenergic receptors in the prefrontal cortex is altered by mood-stabilizing agents. Journal of Neurochemistry, 2006, 96, 1336-1348.	3.9	30

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73	Excitotoxicity mediated by Ca2+-permeable GluR4-containing AMPA receptors involves the AP-1 transcription factor. Cell Death and Differentiation, 2006, 13, 652-660.	11.2	17
74	Sample sonication after trichloroacetic acid precipitation increases protein recovery from cultured hippocampal neurons, and improves resolution and reproducibility in two-dimensional gel electrophoresis. Electrophoresis, 2006, 27, 1825-1831.	2.4	35
75	Trkb receptors modulation of glutamate release is limited to a subset of nerve terminals in the adult rat hippocampus. Journal of Neuroscience Research, 2006, 83, 832-844.	2.9	27
76	Role of oxidative stress in ERK and p38 MAPK activation induced by the chemical sensitizer DNFB in a fetal skin dendritic cell line. Immunology and Cell Biology, 2005, 83, 607-614.	2.3	54
77	Neuroprotection by BDNF against glutamate-induced apoptotic cell death is mediated by ERK and PI3-kinase pathways. Cell Death and Differentiation, 2005, 12, 1329-1343.	11.2	501
78	Contact sensitizers downregulate the expression of the chemokine receptors CCR6 and CXCR4 in a skin dendritic cell line. Archives of Dermatological Research, 2005, 297, 43-47.	1.9	12
79	Release of IL-1Î²via IL-1Î²-Converting Enzyme in a Skin Dendritic Cell Line Exposed to 2,4-Dinitrofluorobenzene. Mediators of Inflammation, 2005, 2005, 131-138.	3.0	10
80	DNFB activates MAPKs and upregulates CD40 in skin-derived dendritic cells. Journal of Dermatological Science, 2005, 39, 113-123.	1.9	30
81	Metabotropic glutamate and dopamine receptors co-regulate AMPA receptor activity through PKA in cultured chick retinal neurones: effect on GluR4 phosphorylation and surface expression. Journal of Neurochemistry, 2004, 90, 673-682.	3.9	27
82	Intracellular lithium and cyclic AMP levels are mutually regulated in neuronal cells. Journal of Neurochemistry, 2004, 90, 920-930.	3.9	16
83	Contact sensitizer nickel sulfate activates the transcription factors NF-kB and AP-1 and increases the expression of nitric oxide synthase in a skin dendritic cell line. Experimental Dermatology, 2004, 13, 18-26.	2.9	38
84	Intracellular signaling mechanisms in photodynamic therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2004, 1704, 59-86.	7.4	184
85	The Sensitizers Nickel Sulfate and 2,4-dinitrofluorobenzene Increase CD40 and IL-12 Receptor Expression in a Fetal Skin Dendritic Cell Line. Bioscience Reports, 2004, 24, 191-202.	2.4	10
86	Calpains are activated by photodynamic therapy but do not contribute to apoptotic tumor cell death. Cancer Letters, 2004, 216, 183-189.	7.2	6
87	Regulation of AMPA receptor activity, synaptic targeting and recycling: role in synaptic plasticity. Neurochemical Research, 2003, 28, 1459-1473.	3.3	42
88	Analysis of the presynaptic signaling mechanisms underlying the inhibition of LTP in rat dentate gyrus by the tyrosine kinase inhibitor, genistein. Hippocampus, 2003, 13, 978-979.	1.9	1
89	Genistein inhibits Ca2+ influx and glutamate release from hippocampal synaptosomes: putative non-specific effects. Neurochemistry International, 2003, 42, 179-188.	3.8	13
90	The Sensitizer 2,4-Dinitrofluorobenzene Activates Caspase-3 and Induces Cell Death in a Skin Dendritic Cell Line. International Journal of Toxicology, 2003, 22, 43-48.	1.2	8

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91	Protein Kinase CÎ³ Associates Directly with the GluR4 Î±-Amino-3-hydroxy-5-methyl-4-isoxazole Propionate Receptor Subunit. Journal of Biological Chemistry, 2003, 278, 6307-6313.	3.4	47
92	Dexamethasone-induced and estradiol-induced CREB activation and annexin 1 expression in CCRF-CEM lymphoblastic cells: evidence for the involvement of cAMP and p38 MAPK. Mediators of Inflammation, 2003, 12, 329-337.	3.0	20
93	Dexamethasone prevents interleukin-1Î²-induced nuclear factor-ÎºB activation by upregulating IÎºB-Î± synthesis, in lymphoblastic cells. Mediators of Inflammation, 2003, 12, 37-46.	3.0	26
94	Dexamethasone prevents granulocyte-macrophage colony-stimulating factor-induced nuclear factor-ÎºB activation, inducible nitric oxide synthase expression and nitric oxide production in a skin dendritic cell line. Mediators of Inflammation, 2003, 12, 71-78.	3.0	28
95	Nitric Oxide Modulates Tumor Cell Death Induced by Photodynamic Therapy Through a cGMP-dependent MechanismÂ¶. Photochemistry and Photobiology, 2002, 76, 423.	2.5	44
96	Non-specific effects of the MEK inhibitors PD098,059 and U0126 on glutamate release from hippocampal synaptosomes. Neuropharmacology, 2002, 42, 9-19.	4.1	50
97	Differential activation of nuclear factor kappa B subunits in a skin dendritic cell line in response to the strong sensitizer 2,4-dinitrofluorobenzene. Archives of Dermatological Research, 2002, 294, 419-425.	1.9	12
98	Phosphorylation of GluR4 AMPA-type glutamate receptor subunit by protein kinase C in cultured retina amacrine neurons. European Journal of Neuroscience, 2002, 15, 465-474.	2.6	15
99	Activity of Ionotropic Glutamate Receptors in Retinal Cells: Effect of Ascorbate/Fe2+-Induced Oxidative Stress. Journal of Neurochemistry, 2002, 67, 1153-1163.	3.9	27
100	Dexamethasone induces the secretion of annexin I in immature lymphoblastic cells by a calcium-dependent mechanism. Molecular and Cellular Biochemistry, 2002, 237, 31-38.	3.1	14
101	LPS Induction of IÎºB-Î± Degradation and iNOS Expression in a Skin Dendritic Cell Line Is Prevented by the Janus Kinase 2 Inhibitor, Tyrphostin B42. Nitric Oxide - Biology and Chemistry, 2001, 5, 53-61.	2.7	47
102	Granulocyteâ€“macrophage colonyâ€stimulating factor activates the transcription of nuclear factor kappa B and induces the expression of nitric oxide synthase in a skin dendritic cell line. Immunology and Cell Biology, 2001, 79, 590-596.	2.3	41
103	17Î²-Estradiol promotes the synthesis and the secretion of annexin I in the CCRF-CEM human cell line. Mediators of Inflammation, 2001, 10, 245-251.	3.0	17
104	Adenosine A1 receptors inhibit Ca2+ channels coupled to the release of ACh, but not of GABA, in cultured retina cells. Brain Research, 2000, 852, 10-15.	2.2	20
105	Regulation of AMPA receptors by phosphorylation. Neurochemical Research, 2000, 25, 1245-1255.	3.3	71
106	Photosensitization of lymphoblastoid cells with phthalocyanines at different saturating incubation times. Cell Biology and Toxicology, 1999, 15, 249-260.	5.3	16
107	Characterization of ATP release from cultures enriched in cholinergic amacrine-like neurons. , 1999, 41, 340-348.		72
108	Corelease of two functionally opposite neurotransmitters by retinal amacrine cells: Experimental evidence and functional significance. , 1999, 58, 475-479.		18

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109	Metabotropic glutamate receptors modulate [3H]acetylcholine release from cultured amacrine-like neurons. , 1999, 58, 505-514.		18
110	Glutamate in Life and Death of Retinal Amacrine Cells*. General Pharmacology, 1998, 30, 289-295.	0.7	36
111	Differential acetylcholine and GABA release from cultured chick retina cells. European Journal of Neuroscience, 1998, 10, 2723-2730.	2.6	28
112	Nitric oxide differentially affects the exocytotic and the carrier-mediated release of [3H]Î³-aminobutyric acid in rat hippocampal synaptosomes. Molecular Brain Research, 1998, 55, 337-340.	2.3	17
113	Culture medium components modulate retina cell damage induced by glutamate, kainate or â€œchemical ischemiaâ€. Neurochemistry International, 1998, 32, 387-396.	3.8	10
114	[3H]Acetylcholine release from rat amacrine-like neurons is inhibited by adenosine A1 receptor activation. NeuroReport, 1998, 9, 3692-3698.	1.2	6
115	Kainate-induced retina amacrine-like cell damage is mediated by AMPA receptors. NeuroReport, 1998, 9, 3471-3475.	1.2	29
116	Calcium Influx Through AMPA Receptors and Through Calcium Channels Is Regulated by Protein Kinase C in Cultured Retina Amacrineâ€Like Cells. Journal of Neurochemistry, 1998, 70, 2112-2119.	3.9	30
117	Modulation of [³H]Acetylcholine Release from Cultured Amacrineâ€Like Neurons by Adenosine A₁ Receptors. Journal of Neurochemistry, 1998, 71, 1086-1094.	3.9	17
118	Oxidative stress affects the selective ion permeability of voltage-sensitive Ca2+ channels in cultured retinal cells. Neuroscience Research, 1997, 27, 323-334.	1.9	31
119	Impairment of excitatory amino acid transporter activity by oxidative stress conditions in retinal cells: effect of antioxidants. FASEB Journal, 1997, 11, 154-163.	0.5	63
120	`Chemical ischemia' in cultured retina cells: the role of excitatory amino acid receptors and of energy levels on cell death. Brain Research, 1997, 768, 157-166.	2.2	12
121	Intracellular free Na+ concentration increases in cultured retinal cells under oxidative stress conditions. Neuroscience Research, 1996, 25, 343-351.	1.9	9
122	[Ca2+]i regulation by glutamate receptor agonists in cultured chick retina cells. Vision Research, 1996, 36, 1091-1102.	1.4	32
123	On-line Detection of Glutamate Release from Culture Chick Retinospheroids. Vision Research, 1996, 36, 1867-1872.	1.4	5
124	Voltage-sensitive Ca2+ channels in rat striatal synaptosomes : Role on the [Ca2+]i responses to membrane depolarization. Neurochemistry International, 1996, 28, 67-75.	3.8	10
125	Ca2+ influx through glutamate receptor-associated channels in retina cells correlates with neuronal cell death. European Journal of Pharmacology, 1996, 302, 153-162.	3.5	68
126	Glutamate receptor agonists evoked Ca2+-dependent and Ca2+-independent release of [3H]d-Aspartate from cultured chick retina cells. Neurochemical Research, 1996, 21, 361-368.	3.3	17

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127	Intracellular free Na+ concentration increases in cultured retinal cells under oxidative stress conditions. Neuroscience Research, 1996, 25, 343-351.	1.9	0
128	Influence of oxidative stress on membrane potential and on K+ channels in neuronal cells. Bioelectrochemistry, 1995, 38, 297-305.	1.0	3
129	Relation of [Ca2+]i to dopamine release in striatal synaptosomes: role of Ca2+ channels. Brain Research, 1995, 669, 234-244.	2.2	35
130	Involvement of class A calcium channels in the KCl induced Ca2+ influx in hippocampal synaptosomes. Brain Research, 1995, 696, 242-245.	2.2	14
131	Modulation of N-methyl-d-aspartate receptor activity by oxidative stress conditions in chick retinal cells. Neuroscience Letters, 1995, 198, 193-196.	2.1	5
132	Glutamate Receptor Modulation of [3H]GABA Release and Intracellular Calcium in Chick Retina Cellsa. Annals of the New York Academy of Sciences, 1995, 757, 439-456.	3.8	14
133	Characterization of Voltage-Sensitive Ca2+ Channels Activated by Presynaptic Glutamate Receptor Stimulation in Hippocampusa. Annals of the New York Academy of Sciences, 1995, 757, 457-459.	3.8	3
134	Modulation of the Ampa/Kainate Receptors by Protein Kinase C. , 1995, , 115-124.		2
135	Release of [3H]GABA evoked by glutamate receptor agonists in cultured chick retina cells: effect of Ca2+. Brain Research, 1994, 664, 252-256.	2.2	30
136	Effect of oxidative stress on the release of [3H]GABA in cultured chick retina cells. Brain Research, 1994, 655, 213-221.	2.2	44
137	Domoic acid induced release of [3H]GABA in cultured chick retina cells. Neurochemistry International, 1994, 24, 267-274.	3.8	11
138	Reactive Oxygen Species on GABA Release^a. Annals of the New York Academy of Sciences, 1994, 738, 130-140.	3.8	6
139	Relation of exocytotic release of ?-aminobutyric acid to Ca2+ entry through Ca2+ channels or by reversal of the Na+/Ca2+ exchanger in synaptosomes. Pflugers Archiv European Journal of Physiology, 1993, 423, 314-323.	2.8	15
140	A Toxin Fraction (FTX) from the Funnel-Web Spider Poison Inhibits Dihydropyridine-Insensitive Ca2+Channels Coupled to Catecholamine Release in Bovine Adrenal Chromaffin Cells. Journal of Neurochemistry, 1993, 60, 908-913.	3.9	29
141	Neomycin blocks dihydropyridine-insensitive Ca2+ influx in bovine adrenal chromaffin cells. European Journal of Pharmacology, 1993, 244, 259-267.	2.6	28
142	Glutamate increases the [Ca2+]i but stimulates Ca2+-independent release of [3H]GABA in cultured chick retina cells. Brain Research, 1993, 611, 130-138.	2.2	38
143	Ca2+-dependent release of [3H]GABA in cultured chick retina cells. Brain Research, 1992, 591, 27-32.	2.2	47
144	Synaptosomal [Ca2+]i as influenced by Na+Ca2+ exchange and K+ depolarization. Cell Calcium, 1991, 12, 623-633.	2.4	29

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145	Regulation of carrier-mediated and exocytotic release of [3H]GABA in rat brain synaptosomes. Neurochemical Research, 1991, 16, 763-772.	3.3	27
146	Influence of isolation media on synaptosomal properties: Intracellular pH, pCa, and Ca2+ uptake. Neurochemical Research, 1990, 15, 313-320.	3.3	27