

# Rodrigo B Leal

## List of Publications by Year in descending order

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122  
papers

3,546  
citations

109137

35  
h-index

197535

49  
g-index

122  
all docs

122  
docs citations

122  
times ranked

4330  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Diselenide-Probucol-Analogue Protects Against Methylmercury-Induced Toxicity in HT22 Cells by Upregulating Peroxide Detoxification Systems: a Comparison with Diphenyl Diselenide. <i>Neurotoxicity Research</i> , 2022, 40, 127-139.	1.3	3
2	ConBr lectin modulates MAPKs and Akt pathways and triggers autophagic glioma cell death by a mechanism dependent upon caspase-8 activation. <i>Biochimie</i> , 2021, 180, 186-204.	1.3	14
3	Methylglyoxal-Mediated Dopamine Depletion, Working Memory Deficit, and Depression-Like Behavior Are Prevented by a Dopamine/Noradrenaline Reuptake Inhibitor. <i>Molecular Neurobiology</i> , 2021, 58, 735-749.	1.9	19
4	AMPAr GluA1 Phosphorylation at Serine 845 in Limbic System Is Associated with Cardiac Autonomic Tone. <i>Molecular Neurobiology</i> , 2021, 58, 1859-1870.	1.9	2
5	Neuronal activity regulated pentraxin (narp) and GluA4 subunit of AMPA receptor may be targets for fluoxetine modulation. <i>Metabolic Brain Disease</i> , 2021, 36, 711-722.	1.4	6
6	Antidepressant-like effect of guanosine involves activation of AMPA receptor and BDNF/TrkB signaling. <i>Purinergic Signalling</i> , 2021, 17, 285-301.	1.1	14
7	The ERK phosphorylation levels in the amygdala predict anxiety symptoms in humans and MEK/ERK inhibition dissociates innate and learned defensive behaviors in rats. <i>Molecular Psychiatry</i> , 2021, 26, 7257-7269.	4.1	15
8	Behavioral and neurochemical effects of folic acid in a mouse model of depression induced by TNF- $\alpha$ . <i>Behavioural Brain Research</i> , 2021, 414, 113512.	1.2	8
9	Amygdala levels of the GluA1 subunit of glutamate receptors and its phosphorylation state at serine 845 in the anterior hippocampus are biomarkers of ictal fear but not anxiety. <i>Molecular Psychiatry</i> , 2020, 25, 655-665.	4.1	20
10	Agmatine potentiates antidepressant and synaptic actions of ketamine: Effects on dendritic arbors and spines architecture and Akt/S6 kinase signaling. <i>Experimental Neurology</i> , 2020, 333, 113398.	2.0	7
11	Exploring the carbohydrate-binding ability of <i>Canavalia bonariensis</i> lectin in inflammation models. <i>Journal of Molecular Recognition</i> , 2020, 33, e2870.	1.1	3
12	Glutathione in Chlorpyrifos-and Chlorpyrifos-Oxon-Induced Toxicity: a Comparative Study Focused on Non-cholinergic Toxicity in HT22 Cells. <i>Neurotoxicity Research</i> , 2020, 38, 603-610.	1.3	14
13	Heterologous production of $\alpha$ -chain of <i>Dioclea sclerocarpa</i> lectin: Enhancing the biological effects of a wild-type lectin. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1-9.	3.6	0
14	A Diocleinae type II lectin from <i>Dioclea lasiophylla</i> Mart. Ex Benth seeds specific to $\alpha$ -lactose/GalNAc. <i>Process Biochemistry</i> , 2020, 93, 104-114.	1.8	4
15	Pivotal role of NF- $\kappa$ B in cellular senescence of experimental pituitary tumours. <i>Journal of Endocrinology</i> , 2020, 245, 179-191.	1.2	8
16	Protective Effects of Ursolic Acid Against Cytotoxicity Induced by Corticosterone: Role of Protein Kinases. <i>Neurochemical Research</i> , 2019, 44, 2843-2855.	1.6	15
17	One century of ConA and 40 years of ConBr research: A structural review. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 901-911.	3.6	26
18	Lectin from <i>Dioclea violacea</i> induces autophagy in U87 glioma cells. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 660-672.	3.6	17

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19	The antidepressant-like effect of guanosine is dependent on GSK-3 $\beta$ inhibition and activation of MAPK/ERK and Nrf2/heme oxygenase-1 signaling pathways. <i>Purinergic Signalling</i> , 2019, 15, 491-504.	1.1	23
20	Sodium selenite protects from 3-nitropropionic acid-induced oxidative stress in cultured primary cortical neurons. <i>Molecular Biology Reports</i> , 2019, 46, 751-762.	1.0	16
21	Role of Phosphatidylinositol-3 Kinase Pathway in NMDA Preconditioning: Different Mechanisms for Seizures and Hippocampal Neuronal Degeneration Induced by Quinolinic Acid. <i>Neurotoxicity Research</i> , 2018, 34, 452-462.	1.3	12
22	Crystal structure of DlyL, a mannose-specific lectin from <i>Dioclea lasiophylla</i> Mart. Ex Benth seeds that display cytotoxic effects against C6 glioma cells. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 64-76.	3.6	25
23	Canavalia bonariensis lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 369-378.	3.6	20
24	Agmatine potentiates neuroprotective effects of subthreshold concentrations of ketamine via mTOR/S6 kinase signaling pathway. <i>Neurochemistry International</i> , 2018, 118, 275-285.	1.9	18
25	Anti-glioma properties of DVL, a lectin purified from <i>Dioclea violacea</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 120, 566-577.	3.6	23
26	Single administration of agmatine reverses the depressive-like behavior induced by corticosterone in mice: Comparison with ketamine and fluoxetine. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 173, 44-50.	1.3	25
27	Role of <i>Caenorhabditis elegans</i> AKT-1/2 and SGK-1 in Manganese Toxicity. <i>Neurotoxicity Research</i> , 2018, 34, 584-596.	1.3	26
28	Structural studies of a vasorelaxant lectin from <i>Dioclea reflexa</i> Hook seeds: Crystal structure, molecular docking and dynamics. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 12-23.	3.6	27
29	Molecular modeling, docking and dynamics simulations of the <i>Dioclea lasiophylla</i> Mart. Ex Benth seed lectin: An edematogenic and hypernociceptive protein. <i>Biochimie</i> , 2017, 135, 126-136.	1.3	11
30	Partial characterization and immobilization in CNBr-activated Sepharose of a native lectin from <i>Platypodium elegans</i> seeds (PELa) and comparative study of edematogenic effect with the recombinant form. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 323-330.	3.6	14
31	Signaling pathways underlying the antidepressant-like effect of inosine in mice. <i>Purinergic Signalling</i> , 2017, 13, 203-214.	1.1	28
32	Structural analysis of <i>Dioclea lasiocarpa</i> lectin: A C6 cells apoptosis-inducing protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 92, 79-89.	1.2	12
33	Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. <i>Epilepsy Research</i> , 2017, 138, 26-31.	0.8	4
34	Crystal structure of <i>Pisum arvense</i> seed lectin (PAL) and characterization of its interaction with carbohydrates by molecular docking and dynamics. <i>Archives of Biochemistry and Biophysics</i> , 2017, 630, 27-37.	1.4	9
35	Glutamatergic system and mTOR-signaling pathway participate in the antidepressant-like effect of inosine in the tail suspension test. <i>Journal of Neural Transmission</i> , 2017, 124, 1227-1237.	1.4	18
36	ConBr, A Lectin Purified from the Seeds of <i>Canavalia brasiliensis</i> , Protects Against Ischemia in Organotypic Culture of Rat Hippocampus: Potential Implication of Voltage-Gated Calcium Channels. <i>Neurochemical Research</i> , 2017, 42, 347-359.	1.6	3

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37	Structural characterization of a lectin from <i>Canavalia virosa</i> seeds with inflammatory and cytotoxic activities. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 271-282.	3.6	24
38	Behavioral and Neurochemical Consequences of Pentylene-tetrazol-Induced Kindling in Young and Middle-Aged Rats. <i>Pharmaceuticals</i> , 2017, 10, 75.	1.7	20
39	A single high dose of dexamethasone affects the phosphorylation state of glutamate AMPA receptors in the human limbic system. <i>Translational Psychiatry</i> , 2016, 6, e986-e986.	2.4	18
40	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016, 26, 959-971.	0.3	53
41	Tyrosine hydroxylase regulation in adult rat striatum following short-term neonatal exposure to manganese. <i>Metallomics</i> , 2016, 8, 597-604.	1.0	11
42	Atorvastatin Prevents Glutamate Uptake Reduction Induced by Quinolinic Acid Via MAPKs Signaling. <i>Neurochemical Research</i> , 2016, 41, 2017-2028.	1.6	8
43	Subchronic administration of ascorbic acid elicits antidepressant-like effect and modulates cell survival signaling pathways in mice. <i>Journal of Nutritional Biochemistry</i> , 2016, 38, 50-56.	1.9	21
44	Acute agmatine administration, similar to ketamine, reverses depressive-like behavior induced by chronic unpredictable stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 108-114.	1.3	41
45	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , 2016, 55, 92-100.	0.9	43
46	Structural analysis of <i>Centrolobium tomentosum</i> seed lectin with inflammatory activity. <i>Archives of Biochemistry and Biophysics</i> , 2016, 596, 73-83.	1.4	27
47	Modulation of Brain Glutathione Reductase and Peroxiredoxin 2 by $\alpha$ -Tocopheryl Phosphate. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 1015-1022.	1.7	4
48	Differential Activation of Mitogen-Activated Protein Kinases, ERK 1/2, p38MAPK and JNK p54/p46 During Postnatal Development of Rat Hippocampus. <i>Neurochemical Research</i> , 2016, 41, 1160-1169.	1.6	27
49	Mitochondrial Respiration Chain Enzymatic Activities in the Human Brain: Methodological Implications for Tissue Sampling and Storage. <i>Neurochemical Research</i> , 2016, 41, 880-891.	1.6	7
50	Involvement of PI3K/Akt Signaling Pathway and Its Downstream Intracellular Targets in the Antidepressant-Like Effect of Creatine. <i>Molecular Neurobiology</i> , 2016, 53, 2954-2968.	1.9	50
51	Knockdown of Carboxypeptidase A6 in Zebrafish Larvae Reduces Response to Seizure-Inducing Drugs and Causes Changes in the Level of mRNAs Encoding Signaling Molecules. <i>PLoS ONE</i> , 2016, 11, e0152905.	1.1	10
52	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. <i>Neurochemistry International</i> , 2015, 87, 22-33.	1.9	33
53	Riboflavin acetate induces apoptosis in squamous carcinoma cells after photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 445-454.	1.7	12
54	Antidepressant-like effect of zinc is dependent on signaling pathways implicated in BDNF modulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 59-67.	2.5	36

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55	Agmatine enhances antidepressant potency of MK-801 and conventional antidepressants in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 130, 9-14.	1.3	35
56	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. <i>NeuroToxicology</i> , 2015, 50, 28-37.	1.4	43
57	TNF- $\alpha$ -induced depressive-like phenotype and p38MAPK activation are abolished by ascorbic acid treatment. <i>European Neuropsychopharmacology</i> , 2015, 25, 902-912.	0.3	46
58	Enhancement of memory consolidation by the histone deacetylase inhibitor sodium butyrate in aged rats. <i>Neuroscience Letters</i> , 2015, 594, 76-81.	1.0	28
59	Effects of Pentylentetrazole Kindling on Mitogen-Activated Protein Kinases Levels in Neocortex and Hippocampus of Mice. <i>Neurochemical Research</i> , 2014, 39, 2492-2500.	1.6	11
60	Involvement of PKA, PKC, CAMK-II and MEK1/2 in the acute antidepressant-like effect of creatine in mice. <i>Pharmacological Reports</i> , 2014, 66, 653-659.	1.5	24
61	Subchronic Oral Administration of Benzo[a]pyrene Impairs Motor and Cognitive Behavior and Modulates S100B Levels and MAPKs in Rats. <i>Neurochemical Research</i> , 2014, 39, 731-740.	1.6	25
62	Variant vicilins from a resistant <i>Vigna unguiculata</i> lineage (IT81D-1053) accumulate inside <i>Callosobruchus maculatus</i> larval midgut epithelium. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 168, 45-52.	0.7	13
63	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, modulates signaling pathways and increases BDNF expression probably via a glycosylated target. <i>Journal of Molecular Recognition</i> , 2014, 27, 746-754.	1.1	8
64	Sub-chronic agmatine treatment modulates hippocampal neuroplasticity and cell survival signaling pathways in mice. <i>Journal of Psychiatric Research</i> , 2014, 58, 137-146.	1.5	33
65	Antidepressant-like effect of <i>Canavalia brasiliensis</i> (ConBr) lectin in mice: Evidence for the involvement of the glutamatergic system. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 53-60.	1.3	27
66	EGF $\beta$ -FGF2 stimulates the proliferation and improves the neuronal commitment of mouse epidermal neural crest stem cells (EPI-NCSCs). <i>Experimental Cell Research</i> , 2014, 327, 37-47.	1.2	29
67	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. <i>Archives of Toxicology</i> , 2013, 87, 1231-1244.	1.9	76
68	Antidepressant-like action of the bark ethanolic extract from <i>Tabebuia avellanedae</i> in the olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , 2013, 145, 737-745.	2.0	26
69	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013, 243, 46-53.	1.1	35
70	Comparative study on methyl- and ethylmercury-induced toxicity in C6 glioma cells and the potential role of LAT-1 in mediating mercurial-thiol complexes uptake. <i>NeuroToxicology</i> , 2013, 38, 1-8.	1.4	56
71	Lectin from <i>Canavalia brasiliensis</i> (ConBr) protects hippocampal slices against glutamate neurotoxicity in a manner dependent of PI3K/Akt pathway. <i>Neurochemistry International</i> , 2013, 62, 836-842.	1.9	15
72	Time-dependent modulation of AMPA receptor phosphorylation and mRNA expression of NMDA receptors and glial glutamate transporters in the rat hippocampus and cerebral cortex in a pilocarpine model of epilepsy. <i>Experimental Brain Research</i> , 2013, 226, 153-163.	0.7	72

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73	Purification and partial characterization of a new mannose/glucose-specific lectin from <i>Dialium guineense</i> Willd seeds that exhibits toxic effect. <i>Journal of Molecular Recognition</i> , 2013, 26, 351-356.	1.1	7
74	Creb is modulated in the mouse superior colliculus in developmental and experimentally-induced models of plasticity. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 46-52.	0.7	9
75	Fluoxetine modulates hippocampal cell signaling pathways implicated in neuroplasticity in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2013, 237, 176-184.	1.2	56
76	Brain MAPKs Levels are Differentially Associated with Seizures Threshold and Severity Progression in Pentylentetrazole-Kindled Mice. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 726-729.	1.9	2
77	Vatairea macrocarpa Lectin (VML) Induces Depressive-like Behavior and Expression of Neuroinflammatory Markers in Mice. <i>Neurochemical Research</i> , 2013, 38, 2375-2384.	1.6	16
78	In Vitro Manganese Exposure Disrupts MAPK Signaling Pathways in Striatal and Hippocampal Slices from Immature Rats. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	13
79	Involvement of PI3K, GSK-3 $\beta$ and PPAR $\gamma$ 3 in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Journal of Psychopharmacology</i> , 2012, 26, 714-723.	2.0	55
80	The flavonoids hesperidin and rutin promote neural crest cell survival. <i>Cell and Tissue Research</i> , 2012, 350, 305-315.	1.5	34
81	Neuroglial alterations in rats submitted to the okadaic acid-induced model of dementia. <i>Behavioural Brain Research</i> , 2012, 226, 420-427.	1.2	52
82	Time-Dependent Modulation of Mitogen Activated Protein Kinases and AKT in Rat Hippocampus and Cortex in the Pilocarpine Model of Epilepsy. <i>Neurochemical Research</i> , 2012, 37, 1868-1878.	1.6	33
83	In Vivo Manganese Exposure Modulates Erk, Akt and Darpp-32 in the Striatum of Developing Rats, and Impairs Their Motor Function. <i>PLoS ONE</i> , 2012, 7, e33057.	1.1	75
84	Purification and characterization of a mannose/N-acetyl-D-glucosamine-specific lectin from the seeds of <i>Platymiscium floribundum</i> Vogel. <i>Journal of Molecular Recognition</i> , 2012, 25, 443-449.	1.1	15
85	ConBr, a Lectin from <i>Canavalia brasiliensis</i> Seeds, Protects Against Quinolinic Acid-Induced Seizures in Mice. <i>Neurochemical Research</i> , 2012, 37, 288-297.	1.6	22
86	Cadmium Neurotoxicity and Its Role in Brain Disorders. , 2012, , 751-766.		4
87	Epigallocatechin-3-gallate protects rat brain mitochondria against cadmium-induced damage. <i>Food and Chemical Toxicology</i> , 2011, 49, 2618-2623.	1.8	58
88	Effect of the Lectin of <i>Bauhinia variegata</i> and Its Recombinant Isoform on Surgically Induced Skin Wounds in a Murine Model. <i>Molecules</i> , 2011, 16, 9298-9315.	1.7	21
89	Diphenyl diselenide induces apoptotic cell death and modulates ERK1/2 phosphorylation in human neuroblastoma SH-SY5Y cells. <i>Archives of Toxicology</i> , 2011, 85, 645-651.	1.9	31
90	Biochemical alterations in caged Nile tilapia <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 864-872.	2.9	14

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91	High-intensity physical exercise disrupts implicit memory in mice: involvement of the striatal glutathione antioxidant system and intracellular signaling. <i>Neuroscience</i> , 2010, 171, 1216-1227.	1.1	47
92	S100B secretion is stimulated by IL-1 $\beta$ in glial cultures and hippocampal slices of rats: Likely involvement of MAPK pathway. <i>Journal of Neuroimmunology</i> , 2009, 206, 52-57.	1.1	63
93	Antidepressant-like effect of the organoselenium compound ebselen in mice: Evidence for the involvement of the monoaminergic system. <i>European Journal of Pharmacology</i> , 2009, 602, 85-91.	1.7	74
94	Manganese induces sustained Ser40 phosphorylation and activation of tyrosine hydroxylase in PC12 cells. <i>Journal of Neurochemistry</i> , 2009, 110, 848-856.	2.1	36
95	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009, 187, 137-143.	0.4	44
96	Protective Effects of Resveratrol on Hydrogen Peroxide Induced Toxicity in Primary Cortical Astrocyte Cultures. <i>Neurochemical Research</i> , 2008, 33, 8-15.	1.6	68
97	Glutamate-induced Toxicity in Hippocampal Slices Involves Apoptotic Features and p38MAPK Signaling. <i>Neurochemical Research</i> , 2008, 33, 27-36.	1.6	84
98	Developmental changes in content of glial marker proteins in rats exposed to protein malnutrition. <i>Brain Research</i> , 2008, 1187, 33-41.	1.1	23
99	Diphenyl diselenide confers neuroprotection against hydrogen peroxide toxicity in hippocampal slices. <i>Brain Research</i> , 2008, 1199, 138-147.	1.1	38
100	The activation of ERK1/2 and p38 mitogen-activated protein kinases is dynamically regulated in the developing rat visual system. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 355-362.	0.7	45
101	Biochemical alterations in juvenile carp ( <i>Cyprinus carpio</i> ) exposed to zinc: Glutathione reductase as a target. <i>Marine Environmental Research</i> , 2008, 66, 88-89.	1.1	19
102	Mechanism of guanosine-induced neuroprotection in rat hippocampal slices submitted to oxygen-glucose deprivation. <i>Neurochemistry International</i> , 2008, 52, 411-418.	1.9	49
103	Neurotoxicity of cadmium on immature hippocampus and a neuroprotective role for p38MAPK. <i>NeuroToxicology</i> , 2008, 29, 727-734.	1.4	53
104	Resveratrol protects against oxidative injury induced by H <sub>2</sub> O <sub>2</sub> in acute hippocampal slice preparations from Wistar rats. <i>Archives of Biochemistry and Biophysics</i> , 2008, 480, 27-32.	1.4	56
105	Involvement of glutathione, ERK1/2 phosphorylation and BDNF expression in the antidepressant-like effect of zinc in rats. <i>Behavioural Brain Research</i> , 2008, 188, 316-323.	1.2	50
106	Mercurial-Induced Hydrogen Peroxide Generation in Mouse Brain Mitochondria: Protective Effects of Quercetin. <i>Chemical Research in Toxicology</i> , 2007, 20, 1919-1926.	1.7	117
107	Cadmium stimulates MAPKs and Hsp27 phosphorylation in bovine adrenal chromaffin cells. <i>Toxicology</i> , 2007, 234, 34-43.	2.0	28
108	Involvement of p38MAPK on the antinociceptive action of myricitrin in mice. <i>Biochemical Pharmacology</i> , 2007, 74, 924-931.	2.0	38



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109	Exposure of C6 glioma cells to Pb(II) increases the phosphorylation of p38MAPK and JNK1/2 but not of ERK1/2. <i>Archives of Toxicology</i> , 2007, 81, 407-414.	1.9	49
110	Modulation of ERK1/2 and p38MAPK by lead in the cerebellum of Brazilian catfish <i>Rhamdia quelen</i> . <i>Aquatic Toxicology</i> , 2006, 77, 98-104.	1.9	28
111	Antioxidant effect of diphenyl diselenide against sodium nitroprusside (SNP) induced lipid peroxidation in human platelets and erythrocyte membranes: An in vitro evaluation. <i>Chemico-Biological Interactions</i> , 2006, 164, 126-135.	1.7	43
112	Antidepressant-like effect of lectin from <i>Canavalia brasiliensis</i> (ConBr) administered centrally in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 160-169.	1.3	54
113	Congenital hypothyroidism alters the phosphorylation of ERK1/2 and p38MAPK in the hippocampus of neonatal rats. <i>Developmental Brain Research</i> , 2005, 154, 141-145.	2.1	33
114	Lead stimulates ERK1/2 and p38MAPK phosphorylation in the hippocampus of immature rats. <i>Brain Research</i> , 2004, 998, 65-72.	1.1	81
115	S100B-Mediated Inhibition of the Phosphorylation of GFAP Is Prevented by TRTK-12. <i>Neurochemical Research</i> , 2004, 29, 735-740.	1.6	31
116	Involvement of the S100B in cAMP-Induced Cytoskeleton Remodeling in Astrocytes: A Study Using TRTK-12 in Digitonin-Permeabilized Cells. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 833-840.	1.7	8
117	S100B protein stimulates calcineurin activity. <i>NeuroReport</i> , 2004, 15, 317-320.	0.6	15
118	Lead-Stimulated p38MAPK-Dependent Hsp27 Phosphorylation. <i>Toxicology and Applied Pharmacology</i> , 2002, 178, 44-51.	1.3	63
119	Tyrosine hydroxylase dephosphorylation by protein phosphatase 2A in bovine adrenal chromaffin cells. <i>Neurochemical Research</i> , 2002, 27, 207-213.	1.6	32
120	Tyrosine hydroxylase phosphorylation in bovine adrenal chromaffin cells: the role of MAPKs after angiotensin II stimulation. <i>Journal of Neurochemistry</i> , 2001, 78, 490-498.	2.1	35
121	The S100B protein inhibits phosphorylation of GFAP and vimentin in a cytoskeletal fraction from immature rat hippocampus. <i>Neurochemical Research</i> , 1998, 23, 1259-1263.	1.6	46
122	Calcium-dependent phosphorylation of glial fibrillary acidic protein (GFAP) in the rat hippocampus: a comparison of the kinase/phosphatase balance in immature and mature slices using tryptic phosphopeptide mapping. <i>Developmental Brain Research</i> , 1997, 104, 1-10.	2.1	23