

Rodrigo B Leal

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8395562/rodrigo-b-leal-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

2,916
citations

33
h-index

45
g-index

122
ext. papers

3,236
ext. citations

4.6
avg, IF

4.64
L-index

#	Paper	IF	Citations
122	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	4.3	
121	Antidepressant-like effect of guanosine involves activation of AMPA receptor and BDNF/TrkB signaling. <i>Purinergic Signalling</i> , 2021 , 17, 285-301	3.8	4
120	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	4.6	6
119	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	6.2	5
118	AMPA α 1 Phosphorylation at Serine 845 in Limbic System Is Associated with Cardiac Autonomic Tone. <i>Molecular Neurobiology</i> , 2021 , 58, 1859-1870	6.2	1
117	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	3.9	1
116	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 ,	15.1	6
115	Behavioral and neurochemical effects of folic acid in a mouse model of depression induced by TNF- α <i>Behavioural Brain Research</i> , 2021 , 414, 113512	3.4	2
114	Exploring the carbohydrate-binding ability of <i>Canavalia bonariensis</i> lectin in inflammation models. <i>Journal of Molecular Recognition</i> , 2020 , 33, e2870	2.6	1
113	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	4.3	5
112	Heterologous production of Echain 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	7.9	
111	A Diocleinae type II lectin from <i>Dioclea lasiophylla</i> Mart. Ex Benth seeds specific to β -D-glucose/GalNAc. <i>Process Biochemistry</i> , 2020 , 93, 104-114	4.8	2
110	Pivotal role of NF- κ B in cellular senescence of experimental pituitary tumours. <i>Journal of Endocrinology</i> , 2020 , 245, 179-191	4.7	3
109	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	5.7	4
108	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	15.1	14
107	One century of ConA and 40 years of ConBr research: A structural review. <i>International Journal of Biological Macromolecules</i> , 2019 , 134, 901-911	7.9	15
106	Lectin from <i>Dioclea violacea</i> induces autophagy in U87 glioma cells. <i>International Journal of Biological Macromolecules</i> , 2019 , 134, 660-672	7.9	11

105	Protective Effects of Ursolic Acid Against Cytotoxicity Induced by Corticosterone: Role of Protein Kinases. <i>Neurochemical Research</i> , 2019 , 44, 2843	4.6	7
104	The antidepressant-like effect of guanosine is dependent on GSK-3 β inhibition and activation of MAPK/ERK and Nrf2/heme oxygenase-1 signaling pathways. <i>Purinergic Signalling</i> , 2019 , 15, 491-504	3.8	12
103	Sodium selenite protects from 3-nitropropionic acid-induced oxidative stress in cultured primary cortical neurons. <i>Molecular Biology Reports</i> , 2019 , 46, 751-762	2.8	8
102	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	4.3	9
101	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	7.9	16
100	Agmatine potentiates neuroprotective effects of subthreshold concentrations of ketamine via mTOR/S6 kinase signaling pathway. <i>Neurochemistry International</i> , 2018 , 118, 275-285	4.4	11
99	Anti-glioma properties of DVL, a lectin purified from <i>Dioclea violacea</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 566-577	7.9	15
98	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	3.9	17
97	Role of <i>Caenorhabditis elegans</i> AKT-1/2 and SGK-1 in Manganese Toxicity. <i>Neurotoxicity Research</i> , 2018 , 34, 584-596	4.3	17
96	<i>Canavalia bonariensis</i> lectin: Molecular bases of glycoconjugates interaction and anti-glioma potential. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 369-378	7.9	15
95	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	7.9	22
94	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	4.6	10
93	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	7.9	12
92	Signaling pathways underlying the antidepressant-like effect of inosine in mice. <i>Purinergic Signalling</i> , 2017 , 13, 203-214	3.8	20
91	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	5.6	9
90	Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. <i>Epilepsy Research</i> , 2017 , 138, 26-31	3	4
89	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	4.1	7
88	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	4.3	10

87	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	4.6	2
86	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	7.9	18
85	Behavioral and Neurochemical Consequences of Pentylentetrazol-Induced Kindling in Young and Middle-Aged Rats. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	11
84	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	6.2	40
83	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	6.3	16
82	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	3.9	33
81	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , 2016 , 55, 92-100	3.2	34
80	Structural analysis of <i>Centrolobium tomentosum</i> seed lectin with inflammatory activity. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 596, 73-83	4.1	24
79	Modulation of Brain Glutathione Reductase and Peroxiredoxin 2 by Flucocopheryl Phosphate. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 1015-1022	4.6	3
78	Differential Activation of Mitogen-Activated Protein Kinases, ERK 1/2, p38(MAPK) and JNK p54/p46 During Postnatal Development of Rat Hippocampus. <i>Neurochemical Research</i> , 2016 , 41, 1160-9	4.6	20
77	Mitochondrial Respiration Chain Enzymatic Activities in the Human Brain: Methodological Implications for Tissue Sampling and Storage. <i>Neurochemical Research</i> , 2016 , 41, 880-91	4.6	6
76	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	3.7	5
75	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	8.6	13
74	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016 , 26, 959-71	1.2	40
73	Tyrosine hydroxylase regulation in adult rat striatum following short-term neonatal exposure to manganese. <i>Metallomics</i> , 2016 , 8, 597-604	4.5	9
72	Atorvastatin Prevents Glutamate Uptake Reduction Induced by Quinolinic Acid Via MAPKs Signaling. <i>Neurochemical Research</i> , 2016 , 41, 2017-28	4.6	6
71	Agmatine enhances antidepressant potency of MK-801 and conventional antidepressants in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 130, 9-14	3.9	30
70	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. <i>NeuroToxicology</i> , 2015 , 50, 28-37	4.4	32

69	TNF- β -induced depressive-like phenotype and p38(MAPK) activation are abolished by ascorbic acid treatment. <i>European Neuropsychopharmacology</i> , 2015 , 25, 902-12	1.2	38
68	Enhancement of memory consolidation by the histone deacetylase inhibitor sodium butyrate in aged rats. <i>Neuroscience Letters</i> , 2015 , 594, 76-81	3.3	19
67	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. <i>Neurochemistry International</i> , 2015 , 87, 22-33	4.4	27
66	Riboflavin acetate induces apoptosis in squamous carcinoma cells after photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 153, 445-54	6.7	5
65	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	5.5	30
64	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, 731-40	4.6	16
63	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	2.3	9
62	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, 746-54	2.6	8
61	Sub-chronic agmatine treatment modulates hippocampal neuroplasticity and cell survival signaling pathways in mice. <i>Journal of Psychiatric Research</i> , 2014 , 58, 137-46	5.2	28
60	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	3.9	23
59	EGF-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	4.2	24
58	Effects of pentylentetrazole kindling on mitogen-activated protein kinases levels in neocortex and hippocampus of mice. <i>Neurochemical Research</i> , 2014 , 39, 2492-500	4.6	11
57	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, 653-9	3.9	22
56	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. <i>Archives of Toxicology</i> , 2013 , 87, 1231-44	5.8	62
55	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, 737-45	5	22
54	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013 , 243, 46-53	3.9	30
53	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	4.4	47
52	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, 836-42	4.4	14

51	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, 153-63	2.3	63
50	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, 351-6	2.6	6
49	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	2.7	8
48	Fluoxetine modulates hippocampal cell signaling pathways implicated in neuroplasticity in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2013 , 237, 176-84	3.4	52
47	Brain MAPKs levels are differentially associated with seizures threshold and severity progression in pentylenetetrazole-kindled mice. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 726-9	6.8	1
46	Vatairea macrocarpa lectin (VML) induces depressive-like behavior and expression of neuroinflammatory markers in mice. <i>Neurochemical Research</i> , 2013 , 38, 2375-84	4.6	14
45	In vitro manganese exposure disrupts MAPK signaling pathways in striatal and hippocampal slices from immature rats. <i>BioMed Research International</i> , 2013 , 2013, 769295	3	12
44	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, protects against quinolinic acid-induced seizures in mice. <i>Neurochemical Research</i> , 2012 , 37, 288-97	4.6	19
43	The flavonoids hesperidin and rutin promote neural crest cell survival. <i>Cell and Tissue Research</i> , 2012 , 350, 305-15	4.2	26
42	Neuroglial alterations in rats submitted to the okadaic acid-induced model of dementia. <i>Behavioural Brain Research</i> , 2012 , 226, 420-7	3.4	38
41	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, 1868-78	4.6	32
40	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	3.7	68
39	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, 443-9	2.6	15
38	Involvement of PI3K, GSK-3 β and PPAR γ in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Journal of Psychopharmacology</i> , 2012 , 26, 714-23	4.6	46
37	Cadmium Neurotoxicity and Its Role in Brain Disorders 2012 , 751-766		3
36	Epigallocatechin-3-gallate protects rat brain mitochondria against cadmium-induced damage. <i>Food and Chemical Toxicology</i> , 2011 , 49, 2618-23	4.7	46
35	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, 9298-315	4.8	15
34	Diphenyl diselenide induces apoptotic cell death and modulates ERK1/2 phosphorylation in human neuroblastoma SH-SY5Y cells. <i>Archives of Toxicology</i> , 2011 , 85, 645-51	5.8	27

33	Biochemical alterations in caged Nile tilapia <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 864-72	7	13
32	High-intensity physical exercise disrupts implicit memory in mice: involvement of the striatal glutathione antioxidant system and intracellular signaling. <i>Neuroscience</i> , 2010 , 171, 1216-27	3.9	40
31	S100B secretion is stimulated by IL-1beta in glial cultures and hippocampal slices of rats: Likely involvement of MAPK pathway. <i>Journal of Neuroimmunology</i> , 2009 , 206, 52-7	3.5	54
30	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	5.3	64
29	Manganese induces sustained Ser40 phosphorylation and activation of tyrosine hydroxylase in PC12 cells. <i>Journal of Neurochemistry</i> , 2009 , 110, 848-56	6	35
28	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009 , 187, 137-43	4.4	39
27	Developmental changes in content of glial marker proteins in rats exposed to protein malnutrition. <i>Brain Research</i> , 2008 , 1187, 33-41	3.7	22
26	Diphenyl diselenide confers neuroprotection against hydrogen peroxide toxicity in hippocampal slices. <i>Brain Research</i> , 2008 , 1199, 138-47	3.7	37
25	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, 355-62	2.7	40
24	Biochemical alterations in juvenile carp (<i>Cyprinus carpio</i>) exposed to zinc: glutathione reductase as a target. <i>Marine Environmental Research</i> , 2008 , 66, 88-9	3.3	16
23	Mechanism of guanosine-induced neuroprotection in rat hippocampal slices submitted to oxygen-glucose deprivation. <i>Neurochemistry International</i> , 2008 , 52, 411-8	4.4	40
22	Neurotoxicity of cadmium on immature hippocampus and a neuroprotective role for p38 MAPK. <i>NeuroToxicology</i> , 2008 , 29, 727-34	4.4	47
21	Resveratrol protects against oxidative injury induced by H2O2 in acute hippocampal slice preparations from Wistar rats. <i>Archives of Biochemistry and Biophysics</i> , 2008 , 480, 27-32	4.1	52
20	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, 316-23	3.4	45
19	Protective effects of resveratrol on hydrogen peroxide induced toxicity in primary cortical astrocyte cultures. <i>Neurochemical Research</i> , 2008 , 33, 8-15	4.6	58
18	Glutamate-induced toxicity in hippocampal slices involves apoptotic features and p38 MAPK signaling. <i>Neurochemical Research</i> , 2008 , 33, 27-36	4.6	80
17	Mercurial-induced hydrogen peroxide generation in mouse brain mitochondria: protective effects of quercetin. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1919-26	4	102
16	Cadmium stimulates MAPKs and Hsp27 phosphorylation in bovine adrenal chromaffin cells. <i>Toxicology</i> , 2007 , 234, 34-43	4.4	27

15	Involvement of p38MAPK on the antinociceptive action of myricitrin in mice. <i>Biochemical Pharmacology</i> , 2007 , 74, 924-31	6	36
14	Exposure of C6 glioma cells to Pb(II) increases the phosphorylation of p38(MAPK) and JNK1/2 but not of ERK1/2. <i>Archives of Toxicology</i> , 2007 , 81, 407-14	5.8	46
13	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, 126-35	5	40
12	Antidepressant-like effect of lectin from <i>Canavalia brasiliensis</i> (ConBr) administered centrally in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 85, 160-9	3.9	49
11	Modulation of ERK1/2 and p38(MAPK) by lead in the cerebellum of Brazilian catfish <i>Rhamdia quelen</i> . <i>Aquatic Toxicology</i> , 2006 , 77, 98-104	5.1	26
10	Congenital hypothyroidism alters the phosphorylation of ERK1/2 and p38MAPK in the hippocampus of neonatal rats. <i>Developmental Brain Research</i> , 2005 , 154, 141-5		29
9	Lead stimulates ERK1/2 and p38MAPK phosphorylation in the hippocampus of immature rats. <i>Brain Research</i> , 2004 , 998, 65-72	3.7	81
8	S100B-mediated inhibition of the phosphorylation of GFAP is prevented by TRTK-12. <i>Neurochemical Research</i> , 2004 , 29, 735-40	4.6	28
7	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, 833-40	4.6	7
6	S100B protein stimulates calcineurin activity. <i>NeuroReport</i> , 2004 , 15, 317-20	1.7	13
5	Lead-stimulated p38MAPK-dependent Hsp27 phosphorylation. <i>Toxicology and Applied Pharmacology</i> , 2002 , 178, 44-51	4.6	61
4	Tyrosine hydroxylase dephosphorylation by protein phosphatase 2A in bovine adrenal chromaffin cells. <i>Neurochemical Research</i> , 2002 , 27, 207-13	4.6	28
3	Tyrosine hydroxylase phosphorylation in bovine adrenal chromaffin cells: the role of MAPKs after angiotensin II stimulation. <i>Journal of Neurochemistry</i> , 2001 , 78, 490-8	6	30
2	The S100B protein inhibits phosphorylation of GFAP and vimentin in a cytoskeletal fraction from immature rat hippocampus. <i>Neurochemical Research</i> , 1998 , 23, 1259-63	4.6	40
1	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		22