

Rodrigo B Leal

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122
papers

2,916
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33
h-index

45
g-index

122
ext. papers

3,236
ext. citations

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avg, IF

4.64
L-index

#	Paper	IF	Citations
122	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
121	Lead stimulates ERK1/2 and p38MAPK phosphorylation in the hippocampus of immature rats. <i>Brain Research</i> , 2004 , 998, 65-72	3.7	81
120	Glutamate-induced toxicity in hippocampal slices involves apoptotic features and p38 MAPK signaling. <i>Neurochemical Research</i> , 2008 , 33, 27-36	4.6	80
119	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
118	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
117	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
116	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
115	Lead-stimulated p38MAPK-dependent Hsp27 phosphorylation. <i>Toxicology and Applied Pharmacology</i> , 2002 , 178, 44-51	4.6	61
114	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
113	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
112	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
111	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
110	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
109	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
108	Neurotoxicity of cadmium on immature hippocampus and a neuroprotective role for p38 MAPK. <i>NeuroToxicology</i> , 2008 , 29, 727-34	4.4	47
107	Epigallocatechin-3-gallate protects rat brain mitochondria against cadmium-induced damage. <i>Food and Chemical Toxicology</i> , 2011 , 49, 2618-23	4.7	46
106	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

105	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
104	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
103	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
102	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
101	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
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, 355-62	2.7	40
99	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
98	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
97	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016 , 26, 959-71	1.2	40
96	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009 , 187, 137-43	4.1	39
95	TNF- α 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
94	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
93	Diphenyl diselenide confers neuroprotection against hydrogen peroxide toxicity in hippocampal slices. <i>Brain Research</i> , 2008 , 1199, 138-47	3.7	37
92	Involvement of p38MAPK on the antinociceptive action of myricitrin in mice. <i>Biochemical Pharmacology</i> , 2007 , 74, 924-31	6	36
91	Manganese induces sustained Ser40 phosphorylation and activation of tyrosine hydroxylase in PC12 cells. <i>Journal of Neurochemistry</i> , 2009 , 110, 848-56	6	35
90	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , 2016 , 55, 92-100	3.2	34
89	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
88	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. <i>NeuroToxicology</i> , 2015 , 50, 28-37	4.4	32

87	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
86	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
85	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013 , 243, 46-53	3.9	30
84	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
83	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
82	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
81	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
80	S100B-mediated inhibition of the phosphorylation of GFAP is prevented by TRTK-12. <i>Neurochemical Research</i> , 2004 , 29, 735-40	4.6	28
79	Tyrosine hydroxylase dephosphorylation by protein phosphatase 2A in bovine adrenal chromaffin cells. <i>Neurochemical Research</i> , 2002 , 27, 207-13	4.6	28
78	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
77	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
76	Cadmium stimulates MAPKs and Hsp27 phosphorylation in bovine adrenal chromaffin cells. <i>Toxicology</i> , 2007 , 234, 34-43	4.4	27
75	The flavonoids hesperidin and rutin promote neural crest cell survival. <i>Cell and Tissue Research</i> , 2012 , 350, 305-15	4.2	26
74	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
73	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
72	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
71	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
70	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

69	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
68	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
67	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
66	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
65	Signaling pathways underlying the antidepressant-like effect of inosine in mice. <i>Purinergic Signalling</i> , 2017 , 13, 203-214	3.8	20
64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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

51	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
50	<i>Canavalia bonariensis</i> lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 369-378	7.9	15
49	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, 836-424	4.4	14
48	<i>Vatairea macrocarpa</i> lectin (VML) induces depressive-like behavior and expression of neuroinflammatory markers in mice. <i>Neurochemical Research</i> , 2013 , 38, 2375-84	4.6	14
47	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
46	Biochemical alterations in caged Nile tilapia <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 864-72	7	13
45	S100B protein stimulates calcineurin activity. <i>NeuroReport</i> , 2004 , 15, 317-20	1.7	13
44	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
43	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
42	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
41	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
40	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
39	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
38	Behavioral and Neurochemical Consequences of Pentylentetrazol-Induced Kindling in Young and Middle-Aged Rats. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	11
37	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
36	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
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	4.3	10
34	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

33	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
32	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
31	Tyrosine hydroxylase regulation in adult rat striatum following short-term neonatal exposure to manganese. <i>Metallomics</i> , 2016 , 8, 597-604	4.5	9
30	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
29	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
28	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
27	Protective Effects of Ursolic Acid Against Cytotoxicity Induced by Corticosterone: Role of Protein Kinases. <i>Neurochemical Research</i> , 2019 , 44, 2843	4.6	7
26	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
25	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
24	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
23	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
22	Atorvastatin Prevents Glutamate Uptake Reduction Induced by Quinolinic Acid Via MAPKs Signaling. <i>Neurochemical Research</i> , 2016 , 41, 2017-28	4.6	6
21	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
20	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
19	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
18	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
17	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
16	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

15	Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. <i>Epilepsy Research</i> , 2017 , 138, 26-31	3	4
14	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
13	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
12	Modulation of Brain Glutathione Reductase and Peroxiredoxin 2 by Tocopherol Phosphate. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 1015-1022	4.6	3
11	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
10	Cadmium Neurotoxicity and Its Role in Brain Disorders 2012 , 751-766		3
9	A Diocleinae type II lectin from Dioclea lasiophylla Mart. Ex Benth seeds specific to Lactose/GalNAc. <i>Process Biochemistry</i> , 2020 , 93, 104-114	4.8	2
8	ConBr, A Lectin Purified from the Seeds of Canavalia brasiliensis, 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
7	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
6	Exploring the carbohydrate-binding ability of Canavalia bonariensis lectin in inflammation models. <i>Journal of Molecular Recognition</i> , 2020 , 33, e2870	2.6	1
5	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
4	AMPA α 1 GluA1 Phosphorylation at Serine 845 in Limbic System Is Associated with Cardiac Autonomic Tone. <i>Molecular Neurobiology</i> , 2021 , 58, 1859-1870	6.2	1
3	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
2	Heterologous production of Chain of Dioclea sclerocarpa lectin: Enhancing the biological effects of a wild-type lectin. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 1-9	7.9	
1	A Novel Diselenide-Probuticol-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	