

Regina Rodrigo

List of Publications by Year in descending order

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66
papers

2,696
citations

172386

29
h-index

182361

51
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66
all docs

66
docs citations

66
times ranked

2704
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperammonemia Induces Neuroinflammation That Contributes to Cognitive Impairment in Rats With Hepatic Encephalopathy. <i>Gastroenterology</i> , 2010, 139, 675-684.	0.6	278
2	Inflammation and hepatic encephalopathy: Ibuprofen restores learning ability in rats with portacaval shunts. <i>Hepatology</i> , 2007, 46, 514-519.	3.6	190
3	Oral administration of sildenafil restores learning ability in rats with hyperammonemia and with portacaval shunts. <i>Hepatology</i> , 2005, 41, 299-306.	3.6	154
4	Brain edema and inflammatory activation in bile duct ligated rats with diet-induced hyperammonemia: A model of hepatic encephalopathy in cirrhosis. <i>Hepatology</i> , 2006, 43, 1257-1266.	3.6	147
5	Glutamine synthetase activity and glutamine content in brain: modulation by NMDA receptors and nitric oxide. <i>Neurochemistry International</i> , 2003, 43, 493-499.	1.9	138
6	Glutamatergic and gabaergic neurotransmission and neuronal circuits in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2009, 24, 69-80.	1.4	120
7	Brain cholinergic impairment in liver failure. <i>Brain</i> , 2008, 131, 2946-2956.	3.7	88
8	Region selective alterations of soluble guanylate cyclase content and modulation in brain of cirrhotic patients. <i>Hepatology</i> , 2002, 36, 1155-1162.	3.6	73
9	NMDA receptors in hyperammonemia and hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2007, 22, 321-335.	1.4	70
10	Mechanisms of cognitive alterations in hyperammonemia and hepatic encephalopathy: Therapeutical implications. <i>Neurochemistry International</i> , 2009, 55, 106-112.	1.9	67
11	Neuroinflammation contributes to hypokinesia in rats with hepatic encephalopathy: Ibuprofen restores its motor activity. <i>Journal of Neuroscience Research</i> , 2009, 87, 1369-1374.	1.3	66
12	UV protection from cotton fabrics dyed with different tea extracts. <i>Dyes and Pigments</i> , 2016, 134, 448-452.	2.0	64
13	Altered Antioxidant-Oxidant Status in the Aqueous Humor and Peripheral Blood of Patients with Retinitis Pigmentosa. <i>PLoS ONE</i> , 2013, 8, e74223.	1.1	64
14	p38 MAP kinase is a therapeutic target for hepatic encephalopathy in rats with portacaval shunts. <i>Gut</i> , 2011, 60, 1572-1579.	6.1	63
15	Targeted next generation sequencing for molecular diagnosis of Usher syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 168.	1.2	61
16	Retinal Inflammation, Cell Death and Inherited Retinal Dystrophies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2096.	1.8	57
17	Role of NMDA receptors in acute liver failure and ammonia toxicity: Therapeutical implications. <i>Neurochemistry International</i> , 2009, 55, 113-118.	1.9	56
18	Brain Region-Selective Mechanisms Contribute to the Progression of Cerebral Alterations in Acute Liver Failure in Rats. <i>Gastroenterology</i> , 2011, 140, 638-645.	0.6	55

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19	Adalimumab Reduces Photoreceptor Cell Death in A Mouse Model of Retinal Degeneration. Scientific Reports, 2015, 5, 11764.	1.6	48
20	Mutational screening of the USH2A gene in Spanish USH patients reveals 23 novel pathogenic mutations. Orphanet Journal of Rare Diseases, 2011, 6, 65.	1.2	47
21	Chronic hyperammonemia reduces the activity of neuronal nitric oxide synthase in cerebellum by altering its localization and increasing its phosphorylation by calcium-calmodulin kinase II. Journal of Neurochemistry, 2008, 106, 1440-1449.	2.1	42
22	Phosphate-activated glutaminase activity is enhanced in brain, intestine and kidneys of rats following portacaval anastomosis. World Journal of Gastroenterology, 2006, 12, 2406.	1.4	40
23	Oxidative Stress, a Crossroad Between Rare Diseases and Neurodegeneration. Antioxidants, 2020, 9, 313.	2.2	39
24	Proteome Analysis of Primary Neurons and Astrocytes from Rat Cerebellum. Journal of Proteome Research, 2005, 4, 768-788.	1.8	37
25	Acute liver failure-induced death of rats is delayed or prevented by blocking NMDA receptors in brain. American Journal of Physiology - Renal Physiology, 2008, 295, G503-G511.	1.6	37
26	Cyclic GMP pathways in hepatic encephalopathy. Neurological and therapeutic implications. Metabolic Brain Disease, 2010, 25, 39-48.	1.4	36
27	Glutamate-induced activation of nitric oxide synthase is impaired in cerebral cortex in rats with chronic liver failure. Journal of Neurochemistry, 2007, 102, 51-64.	2.1	35
28	cGMP modulates stem cells differentiation to neurons in brain in vivo. Neuroscience, 2010, 165, 1275-1283.	1.1	33
29	Chronic hyperammonemia induces tonic activation of NMDA receptors in cerebellum. Journal of Neurochemistry, 2010, 112, 1005-1014.	2.1	32
30	Hyperammonemia alters the mechanisms by which metabotropic glutamate receptors in nucleus accumbens modulate motor function. Journal of Neurochemistry, 2007, 103, 070622100229002???	2.1	29
31	Control of brain glutamine synthesis by NMDA receptors. Frontiers in Bioscience - Landmark, 2007, 12, 883.	3.0	28
32	Neurons exposed to ammonia reproduce the differential alteration in nitric oxide modulation of guanylate cyclase in the cerebellum and cortex of patients with liver cirrhosis. Neurobiology of Disease, 2005, 19, 150-161.	2.1	27
33	HIF-1 α stabilization reduces retinal degeneration in a mouse model of retinitis pigmentosa. FASEB Journal, 2018, 32, 2438-2451.	0.2	27
34	Cerebral oedema is not responsible for motor or cognitive deficits in rats with hepatic encephalopathy. Liver International, 2014, 34, 379-387.	1.9	26
35	Animal Models in the Study of Episodic Hepatic Encephalopathy in Cirrhosis. Metabolic Brain Disease, 2005, 20, 399-408.	1.4	24
36	Phosphodiesterase inhibition induces retinal degeneration, oxidative stress and inflammation in cone-enriched cultures of porcine retina. Experimental Eye Research, 2013, 111, 122-133.	1.2	24

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37	Intravitreal administration of adalimumab delays retinal degeneration in <i>rd10</i> mice. <i>FASEB Journal</i> , 2020, 34, 13839-13861.	0.2	24
38	Bile duct ligation plus hyperammonemia in rats reproduces the alterations in the modulation of soluble guanylate cyclase by nitric oxide in brain of cirrhotic patients. <i>Neuroscience</i> , 2005, 130, 435-443.	1.1	22
39	Alterations in soluble guanylate cyclase content and modulation by nitric oxide in liver disease. <i>Neurochemistry International</i> , 2004, 45, 947-953.	1.9	21
40	Brain regional alterations in the modulation of the glutamate-nitric oxide-cGMP pathway in liver cirrhosis. <i>Neurochemistry International</i> , 2006, 48, 472-477.	1.9	21
41	Study of USH1 Splicing Variants through Minigenes and Transcript Analysis from Nasal Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e57506.	1.1	21
42	Infliximab reduces Zaprinas-induced retinal degeneration in cultures of porcine retina. <i>Journal of Neuroinflammation</i> , 2014, 11, 172.	3.1	19
43	Polychlorinated Biphenyls PCB 153 and PCB 126 Impair the Glutamate-Nitric Oxide-cGMP Pathway in Cerebellar Neurons in Culture by Different Mechanisms. <i>Neurotoxicity Research</i> , 2009, 16, 97-105.	1.3	17
44	cGMP-Phosphodiesterase Inhibition Prevents Hypoxia-Induced Cell Death Activation in Porcine Retinal Explants. <i>PLoS ONE</i> , 2016, 11, e0166717.	1.1	16
45	Altered modulation of soluble guanylate cyclase in lymphocytes from patients with liver disease. <i>Journal of Molecular Medicine</i> , 2002, 80, 117-123.	1.7	14
46	Chronic Hyperammonemia in Rats Impairs Activation of Soluble Guanylate Cyclase in Neurons and in Lymphocytes: A Putative Peripheral Marker for Neurological Alterations. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 405-409.	1.0	13
47	Chronic hyperammonemia alters protein phosphorylation and glutamate receptor-associated signal transduction in brain. <i>Neurochemistry International</i> , 2002, 41, 103-108.	1.9	13
48	Nutraceutical Supplementation Ameliorates Visual Function, Retinal Degeneration, and Redox Status in <i>rd10</i> Mice. <i>Antioxidants</i> , 2021, 10, 1033.	2.2	13
49	Haemodynamic effects of long-term administration of sildenafil in normotensive pregnant and non-pregnant rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011, 118, 615-623.	1.1	12
50	Two novel disease-causing mutations in the <i>CLRN1</i> gene in patients with Usher syndrome type 3. <i>Molecular Vision</i> , 2012, 18, 3070-8.	1.1	9
51	Altered Modulation of Motor Activity by Group I Metabotropic Glutamate Receptors in the Nucleus Accumbens in Hyperammonemic Rats. <i>Metabolic Brain Disease</i> , 2005, 20, 347-358.	1.4	8
52	Mass Spectrometrical Analysis of Galectin Proteins in Primary Rat Cerebellar Astrocytes. <i>Neurochemical Research</i> , 2006, 31, 945-955.	1.6	7
53	Pharmacological manipulation of cyclic GMP levels in brain restores learning ability in animal models of hepatic encephalopathy: therapeutic implications. <i>Neuropsychiatric Disease and Treatment</i> , 2006, 2, 53-63.	1.0	6
54	Novel mutations in the <i>USH1C</i> gene in Usher syndrome patients. <i>Molecular Vision</i> , 2010, 16, 2948-54.	1.1	5

#	ARTICLE	IF	CITATIONS
55	Selective regional alterations in the content or distribution of neuronal and glial cytoskeletal proteins in brain of rats chronically exposed to 2,5-hexanedione. <i>Toxicology and Industrial Health</i> , 2002, 18, 333-341.	0.6	3
56	Bioelectrochemical monitoring of soluble guanylate cyclase inhibition by the natural $\hat{1}^2$ -carboline canthin-6-one. <i>Journal of Molecular Structure</i> , 2017, 1134, 661-667.	1.8	3
57	239 BRAIN REGION SELECTIVE MECHANISMS CONTRIBUTE TO THE PROGRESSION OF CEREBRAL ALTERATIONS IN ACUTE LIVER FAILURE IN RATS. <i>Journal of Hepatology</i> , 2012, 56, S100.	1.8	2
58	Redox Status, Dose and Antioxidant Intake in Healthcare Workers Occupationally Exposed to Ionizing Radiation. <i>Antioxidants</i> , 2020, 9, 778.	2.2	2
59	NUTRARET: Effect of 2-Year Nutraceutical Supplementation on Redox Status and Visual Function of Patients With Retinitis Pigmentosa: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Frontiers in Nutrition</i> , 2022, 9, 847910.	1.6	2
60	cGMP modulates stem cells differentiation to neurons in brain in vivo pathological implications. <i>BMC Pharmacology</i> , 2011, 11, .	0.4	1
61	Role of cGMP in learning: alterations in pathological situations and therapeutic implications. <i>BMC Pharmacology</i> , 2005, 5, S4.	0.4	0
62	Mechanisms of developmental neurotoxicity: Molecular and behavioral correlates. <i>Toxicology Letters</i> , 2006, 164, S24-S25.	0.4	0
63	THU0229â€¦Dna hypomethylation and decreased hydroxymethylation is associated with decreased antioxidant response in systemic lupus erythematosus patients. , 2017, , .		0
64	Decreased DNA hydroxymethylation and increased DNA demethylation are associated with high antioxidant response in systemic lupus erythematosus patients. <i>Medicina Clínica</i> , 2021, 157, 575-579.	0.3	0
65	Long-Term Efficacy of a New Medical Device Containing FernblockÂ® and DNA Repair Enzyme Complex in the Treatment and Prevention of Cancerization Field in Patients with Actinic Keratosis. , 2019, 10, .		0
66	Long-term efficacy of a new medical device containing FernblockÂ® and DNA repair enzyme complex in the treatment and prevention of cancerization field in patients with actinic keratosis.. <i>Journal of Current Medical Research and Opinion</i> , 2019, 2, 80-89.	0.3	0