

Vicente Felipo

List of Publications by Year in descending order

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322
papers

13,120
citations

20817

60
h-index

38395

95
g-index

330
all docs

330
docs citations

330
times ranked

8285
citing authors

#	ARTICLE	IF	CITATIONS
1	The S1PR2-CCl2-BDNF-TrkB pathway mediates neuroinflammation and motor incoordination in hyperammonaemia. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	15
2	Metabolic syndrome is associated with poor response to rifaximin in minimal hepatic encephalopathy. <i>Scientific Reports</i> , 2022, 12, 2463.	3.3	7
3	Hyperammonemia Enhances GABAergic Neurotransmission in Hippocampus: Underlying Mechanisms and Modulation by Extracellular cGMP. <i>Molecular Neurobiology</i> , 2022, 59, 3431-3448.	4.0	3
4	Hyperammonemia Alters the Function of AMPA and NMDA Receptors in Hippocampus: Extracellular cGMP Reverses Some of These Alterations. <i>Neurochemical Research</i> , 2022, , 1.	3.3	2
5	A Nextflow pipeline for T-cell receptor repertoire reconstruction and analysis from RNA sequencing data. <i>Immunoinformatics</i> , 2022, 6, 100012.	2.2	4
6	Intracellular and extracellular cyclic GMP in the brain and the hippocampus. <i>Vitamins and Hormones</i> , 2022, 118, 247-288.	1.7	1
7	Rifaximin Improves Spatial Learning and Memory Impairment in Rats with Liver Damage-Associated Neuroinflammation. <i>Biomedicines</i> , 2022, 10, 1263.	3.2	11
8	A multi-omic study for uncovering molecular mechanisms associated with hyperammonemia-induced cerebellar function impairment in rats. <i>Cell Biology and Toxicology</i> , 2021, 37, 129-149.	5.3	2
9	Multi-omic analysis unveils biological pathways in peripheral immune system associated to minimal hepatic encephalopathy appearance in cirrhotic patients. <i>Scientific Reports</i> , 2021, 11, 1907.	3.3	9
10	Patients with Minimal Hepatic Encephalopathy Show Altered Thermal Sensitivity and Autonomic Function. <i>Journal of Clinical Medicine</i> , 2021, 10, 239.	2.4	6
11	A New Score Unveils a High Prevalence of Mild Cognitive Impairment in Patients with Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 2806.	2.4	11
12	The Dual Role of the GABAA Receptor in Peripheral Inflammation and Neuroinflammation: A Study in Hyperammonemic Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6772.	4.1	15
13	<i>Bacteroides uniformis</i> CECT 7771 Modulates the Brain Reward Response to Reduce Binge Eating and Anxiety-Like Behavior in Rat. <i>Molecular Neurobiology</i> , 2021, 58, 4959-4979.	4.0	20
14	Rifaximin Prevents T-Lymphocytes and Macrophages Infiltration in Cerebellum and Restores Motor Incoordination in Rats with Mild Liver Damage. <i>Biomedicines</i> , 2021, 9, 1002.	3.2	15
15	Chronic hyperammonemia induces peripheral inflammation that leads to cognitive impairment in rats: Reversed by anti-TNF- α treatment. <i>Journal of Hepatology</i> , 2020, 73, 582-592.	3.7	77
16	Hyperammonemia alters the mismatch negativity in the auditory evoked potential by altering functional connectivity and neurotransmission. <i>Journal of Neurochemistry</i> , 2020, 154, 56-70.	3.9	1
17	Motor and Cognitive Performance in Patients with Liver Cirrhosis with Minimal Hepatic Encephalopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 2154.	2.4	13
18	Blocking glycine receptors reduces neuroinflammation and restores neurotransmission in cerebellum through ADAM17-TNFR1-NF- κ B pathway. <i>Journal of Neuroinflammation</i> , 2020, 17, 269.	7.2	19

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19	Blockade of nitric oxide signalling promotes resilience to the effects of social defeat stress on the conditioned rewarding properties of MDMA in mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 98, 29-32.	2.7	8
20	Extracellular Vesicles from Hyperammonemic Rats Induce Neuroinflammation and Motor Incoordination in Control Rats. <i>Cells</i> , 2020, 9, 572.	4.1	21
21	Sustained hyperammonemia induces TNF- α IN Purkinje neurons by activating the TNFR1-NF- κ B pathway. <i>Journal of Neuroinflammation</i> , 2020, 17, 70.	7.2	27
22	Selective improvement by rifaximin of changes in the immunophenotype in patients who improve minimal hepatic encephalopathy. <i>Journal of Translational Medicine</i> , 2019, 17, 293.	4.4	16
23	A Multiomics Study To Unravel the Effects of Developmental Exposure to Endosulfan in Rats: Molecular Explanation for Sex-Dependent Effects. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4264-4279.	3.5	5
24	The influence of HE history, HE status and neuropsychological test type on learning ability in patients with cirrhosis. <i>Liver International</i> , 2019, 39, 861-870.	3.9	3
25	FRI-118- Decreased cognitive performance is associated with reduced resting state connectivity and gray matter atrophy in patients with minimal hepatic encephalopathy. <i>Journal of Hepatology</i> , 2019, 70, e439.	3.7	0
26	SAT-085- Selective improvement by rifaximin of changes in the immunophenotype in patients who improve minimal hepatic encephalopathy. <i>Journal of Hepatology</i> , 2019, 70, e665.	3.7	0
27	Differential role of interleukin-1 β in neuroinflammation-induced impairment of spatial and nonspatial memory in hyperammonemic rats. <i>FASEB Journal</i> , 2019, 33, 9913-9928.	0.5	17
28	Peripheral inflammation induces neuroinflammation that alters neurotransmission and cognitive and motor function in hepatic encephalopathy: Underlying mechanisms and therapeutic implications. <i>Acta Physiologica</i> , 2019, 226, e13270.	3.8	66
29	Bicuculline Reduces Neuroinflammation in Hippocampus and Improves Spatial Learning and Anxiety in Hyperammonemic Rats. Role of Glutamate Receptors. <i>Frontiers in Pharmacology</i> , 2019, 10, 132.	3.5	26
30	P: 55- Decreased Cognitive Performance Is Associated With Reduced Resting State Connectivity and Gray Matter Atrophy in Patients With Minimal Hepatic Encephalopathy. <i>American Journal of Gastroenterology</i> , 2019, 114, S27-S28.	0.4	0
31	Tadalafil Treatment Improves Inflammation, Cognitive Function, And Mismatch Negativity Of Patients With Low Urinary Tract Symptoms And Erectile Dysfunction. <i>Scientific Reports</i> , 2019, 9, 17119.	3.3	16
32	P: 56- Evaluation of Cognitive Dysfunction in Animal Models and Relatability to Human Disease. <i>American Journal of Gastroenterology</i> , 2019, 114, S28-S29.	0.4	0
33	Chronic hyperammonemia alters extracellular glutamate, glutamine and GABA and membrane expression of their transporters in rat cerebellum. Modulation by extracellular cGMP. <i>Neuropharmacology</i> , 2019, 161, 107496.	4.1	23
34	Extracellular cGMP Reverses Altered Membrane Expression of AMPA Receptors in Hippocampus of Hyperammonemic Rats: Underlying Mechanisms. <i>Molecular Neurobiology</i> , 2019, 56, 4428-4439.	4.0	5
35	Role of NMDA and AMPA glutamatergic receptors in the effects of social defeat on the rewarding properties of MDMA in mice. <i>European Journal of Neuroscience</i> , 2019, 50, 2623-2634.	2.6	18
36	The Cerebellum of Patients with Steatohepatitis Shows Lymphocyte Infiltration, Microglial Activation and Loss of Purkinje and Granular Neurons. <i>Scientific Reports</i> , 2018, 8, 3004.	3.3	40

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37	Increasing extracellular cGMP in cerebellum in vivo reduces neuroinflammation, GABAergic tone and motor in-coordination in hyperammonemic rats. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 386-398.	4.1	35
38	Cirrhotic patients with minimal hepatic encephalopathy have increased capacity to eliminate superoxide and peroxynitrite in lymphocytes, associated with cognitive impairment. <i>Free Radical Research</i> , 2018, 52, 118-133.	3.3	4
39	Hyperammonemia alters membrane expression of GluA1 and GluA2 subunits of AMPA receptors in hippocampus by enhancing activation of the IL-1 receptor: underlying mechanisms. <i>Journal of Neuroinflammation</i> , 2018, 15, 36.	7.2	24
40	Inhibition of β -Secretase Leads to an Increase in Presenilin-1. <i>Molecular Neurobiology</i> , 2018, 55, 5047-5058.	4.0	19
41	Endosulfan and Cypermethrin Pesticide Mixture Induces Synergistic or Antagonistic Effects on Developmental Exposed Rats Depending on the Analyzed Behavioral or Neurochemical End Points. <i>ACS Chemical Neuroscience</i> , 2018, 9, 369-380.	3.5	17
42	Chronic hyperammonemia alters in opposite ways membrane expression of GluA1 and GluA2 AMPA receptor subunits in cerebellum. Molecular mechanisms involved. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 286-295.	3.8	9
43	Learning and Memory Impairments in Patients with Minimal Hepatic Encephalopathy are Associated with Structural and Functional Connectivity Alterations in Hippocampus. <i>Scientific Reports</i> , 2018, 8, 9664.	3.3	28
44	Urea cycle dysregulation in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2018, 69, 905-915.	3.7	123
45	Histological Features of Cerebellar Neuropathology in Patients With Alcoholic and Nonalcoholic Steatohepatitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 837-845.	1.7	23
46	Developmental Exposure to Pesticides Alters Motor Activity and Coordination in Rats: Sex Differences and Underlying Mechanisms. <i>Neurotoxicity Research</i> , 2018, 33, 247-258.	2.7	37
47	Real-time cytometric assay of nitric oxide and superoxide interaction in peripheral blood monocytes: A no-wash, no-lyse kinetic method. <i>Cytometry Part B - Clinical Cytometry</i> , 2017, 92, 211-217.	1.5	13
48	Sildenafil reduces neuroinflammation in cerebellum, restores GABAergic tone, and improves motor in-coordination in rats with hepatic encephalopathy. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 386-394.	3.9	43
49	Sex-dependent effects of developmental exposure to different pesticides on spatial learning. The role of induced neuroinflammation in the hippocampus. <i>Food and Chemical Toxicology</i> , 2017, 99, 135-148.	3.6	31
50	Altered postural control and stability in cirrhotic patients with minimal hepatic encephalopathy correlate with cognitive deficits. <i>Liver International</i> , 2017, 37, 1013-1022.	3.9	29
51	Minimal hepatic encephalopathy is associated with expansion and activation of CD4+CD28 ^{hi} , Th22 and Tfh and B lymphocytes. <i>Scientific Reports</i> , 2017, 7, 6683.	3.3	30
52	Determination of selected neurotoxic insecticides in small amounts of animal tissue utilizing a newly constructed mini-extractor. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6015-6026.	3.7	2
53	Sildenafil Treatment Eliminates Pruritogenesis and Thermal Hyperalgesia in Rats with Portacaval Shunts. <i>Neurochemical Research</i> , 2017, 42, 788-794.	3.3	0
54	Extracellular Cyclic GMP Modulates Membrane Expression of The GluA1 and GluA2 Subunits of AMPA Receptor in Cerebellum: Molecular Mechanisms Involved. <i>Scientific Reports</i> , 2017, 7, 17656.	3.3	10

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55	Translational research in hepatic encephalopathy: New diagnostic possibilities and new therapeutic approaches. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 39.	0.1	2
56	The PHES battery does not detect all cirrhotic patients with early neurological deficits, which are different in different patients. <i>PLoS ONE</i> , 2017, 12, e0171211.	2.5	33
57	Reduced resting state connectivity and gray matter volume correlate with cognitive impairment in minimal hepatic encephalopathy. <i>PLoS ONE</i> , 2017, 12, e0186463.	2.5	22
58	Reducing Peripheral Inflammation with Infliximab Reduces Neuroinflammation and Improves Cognition in Rats with Hepatic Encephalopathy. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 106.	2.9	69
59	Hyperammonemia alters glycinergic neurotransmission and modulation of the glutamate-nitric oxide-cGMP pathway by extracellular glycine in cerebellum <i>in vivo</i> . <i>Journal of Neurochemistry</i> , 2016, 137, 539-548.	3.9	11
60	Extracellular cGMP Modulates Learning Biphasically by Modulating Glycine Receptors, CaMKII and Glutamate-Nitric Oxide-cGMP Pathway. <i>Scientific Reports</i> , 2016, 6, 33124.	3.3	34
61	Infliximab reduces peripheral inflammation, neuroinflammation, and extracellular GABA in the cerebellum and improves learning and motor coordination in rats with hepatic encephalopathy. <i>Journal of Neuroinflammation</i> , 2016, 13, 245.	7.2	63
62	In vivo administration of extracellular cGMP normalizes TNF- α and membrane expression of AMPA receptors in hippocampus and spatial reference memory but not IL-1 β , NMDA receptors in membrane and working memory in hyperammonemic rats. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 360-370.	4.1	29
63	Current state of knowledge of hepatic encephalopathy (part II): changes in brain white matter tracts integrity are associated with cognitive deficits in minimal hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2016, 31, 1359-1360.	2.9	3
64	A rare and revealing glimpse of the cerebrospinal fluid of patients with hepatic encephalopathy. <i>Journal of Hepatology</i> , 2016, 65, 1077-1078.	3.7	0
65	Extracellular Protein Kinase A Modulates Intracellular Calcium/Calmodulin-Dependent Protein Kinase II, Nitric Oxide Synthase, and the Glutamate-Nitric Oxide-cGMP Pathway in Cerebellum. <i>Differential Effects in Hyperammonemia</i> . <i>ACS Chemical Neuroscience</i> , 2016, 7, 1753-1759.	3.5	7
66	Hyperammonemia induces glial activation, neuroinflammation and alters neurotransmitter receptors in hippocampus, impairing spatial learning: reversal by sulforaphane. <i>Journal of Neuroinflammation</i> , 2016, 13, 41.	7.2	99
67	Neuroinflammation increases GABAergic tone and impairs cognitive and motor function in hyperammonemia by increasing GAT-3 membrane expression. Reversal by sulforaphane by promoting M2 polarization of microglia. <i>Journal of Neuroinflammation</i> , 2016, 13, 83.	7.2	92
68	Modulation of GABA _A receptors by neurosteroids. A new concept to improve cognitive and motor alterations in hepatic encephalopathy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 160, 88-93.	2.5	5
69	The expression levels of prolyl oligopeptidase responds not only to neuroinflammation but also to systemic inflammation upon liver failure in rat models and cirrhotic patients. <i>Journal of Neuroinflammation</i> , 2015, 12, 183.	7.2	26
70	Sildenafil reduces neuroinflammation and restores spatial learning in rats with hepatic encephalopathy: underlying mechanisms. <i>Journal of Neuroinflammation</i> , 2015, 12, 195.	7.2	68
71	GR3027 antagonizes GABA _A receptor-potentiating neurosteroids and restores spatial learning and motor coordination in rats with chronic hyperammonemia and hepatic encephalopathy. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G400-G409.	3.4	53
72	Is Cognitive Impairment in Cirrhotic Patients Due to Increased Peroxynitrite and Oxidative Stress?. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 871-877.	5.4	21

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73	Gender Differences in Spatial Learning, Synaptic Activity, and Long-Term Potentiation in the Hippocampus in Rats: Molecular Mechanisms. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1420-1427.	3.5	58
74	Roles of the NMDA Receptor and EAAC1 Transporter in the Modulation of Extracellular Glutamate by Low and High Affinity AMPA Receptors in the Cerebellum in Vivo: Differential Alteration in Chronic Hyperammonemia. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1913-1921.	3.5	20
75	Interplay between glutamatergic and GABAergic neurotransmission alterations in cognitive and motor impairment in minimal hepatic encephalopathy. <i>Neurochemistry International</i> , 2015, 88, 15-19.	3.8	42
76	Rats with Mild Bile Duct Ligation Show Hepatic Encephalopathy with Cognitive and Motor Impairment in the Absence of Cirrhosis: Effects of Alcohol Ingestion. <i>Neurochemical Research</i> , 2015, 40, 230-240.	3.3	12
77	Neuroinflammation and neurological alterations in chronic liver diseases. <i>Neuroimmunology and Neuroinflammation</i> , 2015, 2, 138.	1.4	23
78	Rats with minimal hepatic encephalopathy show reduced cGMP-dependent protein kinase activity in hypothalamus correlating with circadian rhythms alterations. <i>Chronobiology International</i> , 2015, 32, 966-79.	2.0	6
79	Rats with minimal hepatic encephalopathy due to portacaval shunt show differential increase of translocator protein (18ÅrDa) binding in different brain areas, which is not affected by chronic MAP-kinase p38 inhibition. <i>Metabolic Brain Disease</i> , 2014, 29, 955-963.	2.9	10
80	Reduced white matter microstructural integrity correlates with cognitive deficits in minimal hepatic encephalopathy. <i>Gut</i> , 2014, 63, 1028-1030.	12.1	17
81	Cerebral oedema is not responsible for motor or cognitive deficits in rats with hepatic encephalopathy. <i>Liver International</i> , 2014, 34, 379-387.	3.9	26
82	Blocking NMDA Receptors Delays Death in Rats with Acute Liver Failure by Dual Protective Mechanisms in Kidney and Brain. <i>NeuroMolecular Medicine</i> , 2014, 16, 360-375.	3.4	20
83	The effects of hyperammonemia in learning and brain metabolic activity. <i>Metabolic Brain Disease</i> , 2014, 29, 113-120.	2.9	4
84	Presence of diadenosine polyphosphates in microdialysis samples from rat cerebellum in vivo: effect of mild hyperammonemia on their receptors. <i>Purinergic Signalling</i> , 2014, 10, 349-356.	2.2	6
85	Pregnenolone Sulfate Restores the Glutamate-Nitric-Oxide-cGMP Pathway and Extracellular GABA in Cerebellum and Learning and Motor Coordination in Hyperammonemic Rats. <i>ACS Chemical Neuroscience</i> , 2014, 5, 100-105.	3.5	47
86	Non invasive blood flow measurement in cerebellum detects minimal hepatic encephalopathy earlier than psychometric tests. <i>World Journal of Gastroenterology</i> , 2014, 20, 11815.	3.3	36
87	Chronic hyperammonemia, glutamatergic neurotransmission and neurological alterations. <i>Metabolic Brain Disease</i> , 2013, 28, 151-154.	2.9	31
88	Serum nitrotyrosine and psychometric tests as indicators of impaired fitness to drive in cirrhotic patients with minimal hepatic encephalopathy. <i>Liver International</i> , 2013, 33, 1478-1489.	3.9	30
89	Hepatic encephalopathy: effects of liver failure on brain function. <i>Nature Reviews Neuroscience</i> , 2013, 14, 851-858.	10.2	292
90	Impaired release of corticosterone from adrenals contributes to impairment of circadian rhythms of activity in hyperammonemic rats. <i>Archives of Biochemistry and Biophysics</i> , 2013, 536, 164-170.	3.0	12

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91	Gender differential effects of developmental exposure to methyl-mercury, polychlorinated biphenyls 126 or 153, or its combinations on motor activity and coordination. <i>Toxicology</i> , 2013, 311, 61-68.	4.2	31
92	Perinatal Exposure to Purity-Controlled Polychlorinated Biphenyl 52, 138, or 180 Alters Toxicogenomic Profiles in Peripheral Blood of Rats after 4 Months. <i>Chemical Research in Toxicology</i> , 2013, 26, 1159-1167.	3.3	5
93	Alterations in adipocytokines and cGMP homeostasis in morbid obesity patients reverse after bariatric surgery. <i>Obesity</i> , 2013, 21, 229-237.	3.0	21
94	Hyperammonemia alters the modulation by different neurosteroids of the glutamate-nitric oxide-cyclic GMP pathway through NMDA-GABA _A or sigma receptors in cerebellum in vivo. <i>Journal of Neurochemistry</i> , 2013, 125, 133-143.	3.9	16
95	Potential of the Transient Receptor Potential Vanilloid 1 Channel Contributes to Pruritogenesis in a Rat Model of Liver Disease*. <i>Journal of Biological Chemistry</i> , 2013, 288, 9675-9685.	3.4	33
96	An Inhibitor of Neuronal Exocytosis (DD04107) Displays Long-Lasting In Vivo Activity against Chronic Inflammatory and Neuropathic Pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 634-645.	2.5	20
97	Progressive reduction of sleep time and quality in rats with hepatic encephalopathy caused by portacaval shunts. <i>Neuroscience</i> , 2012, 201, 199-208.	2.3	21
98	Sildenafil citrate improves perinatal outcome in fetuses from pre-eclamptic rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 1394-1402.	2.3	60
99	Differential effects of chronic hyperammonemia on modulation of the glutamate-nitric oxide-cGMP pathway by metabotropic glutamate receptor 5 and low and high affinity AMPA receptors in cerebellum in vivo. <i>Neurochemistry International</i> , 2012, 61, 63-71.	3.8	16
100	Focal cortical damage parallels cognitive impairment in minimal hepatic encephalopathy. <i>NeuroImage</i> , 2012, 61, 1165-1175.	4.2	39
101	Insight into the neuroproteomics effects of the food-contaminant non-dioxin like polychlorinated biphenyls. <i>Journal of Proteomics</i> , 2012, 75, 2417-2430.	2.4	28
102	Patients with minimal hepatic encephalopathy show impaired mismatch negativity correlating with reduced performance in attention tests. <i>Hepatology</i> , 2012, 55, 530-539.	7.3	81
103	Exploratory investigation on nitro- and phospho-proteome cerebellum changes in hyperammonemia and hepatic encephalopathy rat models. <i>Metabolic Brain Disease</i> , 2012, 27, 37-49.	2.9	4
104	Contribution of hyperammonemia and inflammatory factors to cognitive impairment in minimal hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2012, 27, 51-58.	2.9	148
105	Brain Region-Selective Mechanisms Contribute to the Progression of Cerebral Alterations in Acute Liver Failure in Rats. <i>Gastroenterology</i> , 2011, 140, 638-645.	1.3	55
106	3-Nitro-Tyrosine as a Peripheral Biomarker of Minimal Hepatic Encephalopathy in Patients With Liver Cirrhosis. <i>American Journal of Gastroenterology</i> , 2011, 106, 1629-1637.	0.4	63
107	Differential long-term effects of developmental exposure to polychlorinated biphenyls 52, 138 or 180 on motor activity and neurotransmission. Gender dependence and mechanisms involved. <i>Neurochemistry International</i> , 2011, 58, 69-77.	3.8	39
108	Metabotropic glutamate receptor 5 modulates the nitric oxide-cGMP pathway in cerebellum in vivo through activation of AMPA receptors. <i>Neurochemistry International</i> , 2011, 58, 599-604.	3.8	19

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109	Differential modulation of the glutamate-nitric oxide-cyclic GMP pathway by distinct neurosteroids in cerebellum in vivo. <i>Neuroscience</i> , 2011, 190, 27-36.	2.3	16
110	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.	2.3	12
111	Ultrasound bioeffects in rats: quantification of cellular damage in the fetal liver after pulsed Doppler imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 643-648.	1.7	29
112	cGMP modulates stem cells differentiation to neurons in brain in vivo pathological implications. <i>BMC Pharmacology</i> , 2011, 11, .	0.4	1
113	p38 MAP kinase is a therapeutic target for hepatic encephalopathy in rats with portacaval shunts. <i>Gut</i> , 2011, 60, 1572-1579.	12.1	63
114	Cerebellum Proteomics Addressing the Cognitive Deficit of Rats Perinatally Exposed to the Food-Relevant Polychlorinated Biphenyl 138. <i>Toxicological Sciences</i> , 2011, 123, 170-179.	3.1	14
115	Chronic hyperammonemia alters the circadian rhythms of corticosteroid hormone levels and of motor activity in rats. <i>Journal of Neuroscience Research</i> , 2010, 88, 1605-1614.	2.9	21
116	Amyloid- β Impairs, and Ibuprofen Restores, the cGMP Pathway, Synaptic Expression of AMPA Receptors and Long-Term Potentiation in the Hippocampus. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 795-809.	2.6	13
117	Polychlorinated Biphenyls PCB 52, PCB 180, and PCB 138 Impair the Glutamate \rightarrow Nitric Oxide \rightarrow cGMP Pathway in Cerebellar Neurons in Culture by Different Mechanisms. <i>Chemical Research in Toxicology</i> , 2010, 23, 813-820.	3.3	35
118	Cyclic GMP pathways in hepatic encephalopathy. Neurological and therapeutic implications. <i>Metabolic Brain Disease</i> , 2010, 25, 39-48.	2.9	36
119	Chronic hyperammonemia induces tonic activation of NMDA receptors in cerebellum. <i>Journal of Neurochemistry</i> , 2010, 112, 1005-1014.	3.9	32
120	Hyperammonemia Induces Neuroinflammation That Contributes to Cognitive Impairment in Rats With Hepatic Encephalopathy. <i>Gastroenterology</i> , 2010, 139, 675-684.	1.3	278
121	Serum Metabolic Signature of Minimal Hepatic Encephalopathy by ^1H -Nuclear Magnetic Resonance. <i>Journal of Proteome Research</i> , 2010, 9, 5180-5187.	3.7	54
122	Metabotropic glutamate receptor 5, but not 1, modulates NMDA receptor-mediated activation of neuronal nitric oxide synthase. <i>Neurochemistry International</i> , 2010, 56, 535-545.	3.8	11
123	cGMP modulates stem cells differentiation to neurons in brain in vivo. <i>Neuroscience</i> , 2010, 165, 1275-1283.	2.3	33
124	Developmental exposure to polychlorinated biphenyls 52, 138 or 180 affects differentially learning or motor coordination in adult rats. mechanisms involved. <i>Neuroscience</i> , 2010, 167, 994-1003.	2.3	82
125	Treatment with sildenafil prevents impairment of learning in rats born to pre-eclamptic mothers. <i>Neuroscience</i> , 2010, 171, 506-512.	2.3	22
126	Neuroinflammation contributes to hypokinesia in rats with hepatic encephalopathy: Ibuprofen restores its motor activity. <i>Journal of Neuroscience Research</i> , 2009, 87, 1369-1374.	2.9	66

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127	Increasing the function of the glutamate-nitric oxide-cyclic guanosine monophosphate pathway increases the ability to learn a Y-maze task. <i>Journal of Neuroscience Research</i> , 2009, 87, 2351-2355.	2.9	35
128	Glutamatergic and gabaergic neurotransmission and neuronal circuits in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2009, 24, 69-80.	2.9	120
129	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.	2.7	17
130	Experimental models of hepatic encephalopathy: ISHEN guidelines. <i>Liver International</i> , 2009, 29, 783-788.	3.9	254
131	Repeated alcohol administration during adolescence causes changes in the mesolimbic dopaminergic and glutamatergic systems and promotes alcohol intake in the adult rat. <i>Journal of Neurochemistry</i> , 2009, 108, 920-931.	3.9	292
132	Role of NMDA receptors in acute liver failure and ammonia toxicity: Therapeutical implications. <i>Neurochemistry International</i> , 2009, 55, 113-118.	3.8	56
133	Mechanisms of cognitive alterations in hyperammonemia and hepatic encephalopathy: Therapeutical implications. <i>Neurochemistry International</i> , 2009, 55, 106-112.	3.8	67
134	Transport of AMPA receptors during long-term potentiation is impaired in rats with hepatic encephalopathy. <i>Neurochemistry International</i> , 2009, 55, 514-520.	3.8	5
135	Hyperammonemia Increases GABAergic Tone in the Cerebellum but Decreases It in the Rat Cortex. <i>Gastroenterology</i> , 2009, 136, 1359-1367.e2.	1.3	102
136	IL-6 and IL-18 in Blood May Discriminate Cirrhotic Patients With and Without Minimal Hepatic Encephalopathy. <i>Journal of Clinical Gastroenterology</i> , 2009, 43, 272-279.	2.2	145
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