

Ana Agusti Feliu

List of Publications by Year in descending order

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38
papers

1,936
citations

236612

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37
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38
docs citations

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times ranked

2040
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	Interplay Between the Gut-Brain Axis, Obesity and Cognitive Function. <i>Frontiers in Neuroscience</i> , 2018, 12, 155.	1.4	185
3	Glutamatergic and gabaergic neurotransmission and neuronal circuits in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2009, 24, 69-80.	1.4	120
4	Hyperammonemia Increases GABAergic Tone in the Cerebellum but Decreases It in the Rat Cortex. <i>Gastroenterology</i> , 2009, 136, 1359-1367.e2.	0.6	102
5	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.	3.1	99
6	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.	3.1	92
7	Reducing Peripheral Inflammation with Infliximab Reduces Neuroinflammation and Improves Cognition in Rats with Hepatic Encephalopathy. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 106.	1.4	69
8	Sildenafil reduces neuroinflammation and restores spatial learning in rats with hepatic encephalopathy: underlying mechanisms. <i>Journal of Neuroinflammation</i> , 2015, 12, 195.	3.1	68
9	Mechanisms of cognitive alterations in hyperammonemia and hepatic encephalopathy: Therapeutical implications. <i>Neurochemistry International</i> , 2009, 55, 106-112.	1.9	67
10	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
11	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.	3.1	63
12	<i>Bifidobacterium pseudocatenulatum</i> CECT 7765 Ameliorates Neuroendocrine Alterations Associated with an Exaggerated Stress Response and Anhedonia in Obese Mice. <i>Molecular Neurobiology</i> , 2018, 55, 5337-5352.	1.9	61
13	Role of NMDA receptors in acute liver failure and ammonia toxicity: Therapeutical implications. <i>Neurochemistry International</i> , 2009, 55, 113-118.	1.9	56
14	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
15	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.	1.6	53
16	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.	1.7	47
17	Sildenafil reduces neuroinflammation in cerebellum, restores GABAergic tone, and improves motor incoordination in rats with hepatic encephalopathy. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 386-394.	1.9	43
18	Interplay between glutamatergic and GABAergic neurotransmission alterations in cognitive and motor impairment in minimal hepatic encephalopathy. <i>Neurochemistry International</i> , 2015, 88, 15-19.	1.9	42

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19	Acute liver failure-induced death of rats is delayed or prevented by blocking NMDA receptors in brain. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G503-G511.	1.6	37
20	Developmental Exposure to Pesticides Alters Motor Activity and Coordination in Rats: Sex Differences and Underlying Mechanisms. <i>Neurotoxicity Research</i> , 2018, 33, 247-258.	1.3	37
21	Cyclic GMP pathways in hepatic encephalopathy. Neurological and therapeutic implications. <i>Metabolic Brain Disease</i> , 2010, 25, 39-48.	1.4	36
22	Innovation in microbiome-based strategies for promoting metabolic health. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 484-491.	1.3	32
23	Chronic hyperammonemia, glutamatergic neurotransmission and neurological alterations. <i>Metabolic Brain Disease</i> , 2013, 28, 151-154.	1.4	31
24	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.	1.8	31
25	Cerebral oedema is not responsible for motor or cognitive deficits in rats with hepatic encephalopathy. <i>Liver International</i> , 2014, 34, 379-387.	1.9	26
26	Progressive reduction of sleep time and quality in rats with hepatic encephalopathy caused by portacaval shunts. <i>Neuroscience</i> , 2012, 201, 199-208.	1.1	21
27	Is Cognitive Impairment in Cirrhotic Patients Due to Increased Peroxynitrite and Oxidative Stress?. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 871-877.	2.5	21
28	<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.	1.9	20
29	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.	1.7	17
30	Differential modulation of the glutamate-nitric oxide-cyclic GMP pathway by distinct neurosteroids in cerebellum in vivo. <i>Neuroscience</i> , 2011, 190, 27-36.	1.1	16
31	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.	2.1	16
32	Rats with minimal hepatic encephalopathy due to portacaval shunt show differential increase of translocator protein (18 kDa) binding in different brain areas, which is not affected by chronic MAP-kinase p38 inhibition. <i>Metabolic Brain Disease</i> , 2014, 29, 955-963.	1.4	10
33	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.	0.9	6
34	Modulation of GABAA 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.	1.2	5
35	Potential Neuroprotective Role of Sugammadex: A Clinical Study on Cognitive Function Assessment in an Enhanced Recovery After Cardiac Surgery Approach and an Experimental Study. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 789796.	1.8	5
36	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.	1.5	4

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37	Translational research in hepatic encephalopathy: New diagnostic possibilities and new therapeutic approaches. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 39.	0.5	2
38	Sildenafil Treatment Eliminates Pruritogenesis and Thermal Hyperalgesia in Rats with Portacaval Shunts. <i>Neurochemical Research</i> , 2017, 42, 788-794.	1.6	0