Ana MarÃ-a SÃ¡nchez-PÃ©rez

List of Publications by Year
in descending order

49 papers	1,817 citations	279798 23 h-index	265206 42 g-index
52 all docs	52 docs citations	52 times ranked	2304 citing authors

#	Article	IF	Citations
1	IRS1 expression in hippocampus is age-dependent and is required for mature spine maintenance and neuritogenesis. Molecular and Cellular Neurosciences, 2022, 118, 103693.	2.2	5
2	Adolescent bingeâ€ethanol accelerates cognitive impairment and Î²â€amyloid production and dysregulates endocannabinoid signaling in the hippocampus of APP/PSE mice. Addiction Biology, 2021, 26, e12883.	2.6	15
3	AAV delivery of shRNA against IRS1 in GABAergic neurons in rat hippocampus impairs spatial memory in females and male rats. Brain Structure and Function, 2021, 226, 163-178.	2.3	8
4	Neuroinflammation as a possible link between attention-deficit/hyperactivity disorder (ADHD) and pain. Medical Hypotheses, 2021, 157, 110717.	1.5	18
5	Design, Synthesis and Evaluation of Fluorescent Analogues of Abscisic Acid. ChemistrySelect, 2020, 5, 8015-8019.	1.5	1
6	Can We Treat Neuroinflammation in Alzheimerâ€™s Disease?. International Journal of Molecular Sciences, 2020, 21, 8751.	4.1	43
7	Abscisic acid, a promising therapeutic molecule to prevent Alzheimerâ€™s and neurodegenerative diseases. Neural Regeneration Research, 2020, 15, 1035.	3.0	6
8	A PERSPECTIVE OF MEDICAL STUDENTS ON 3D PRINTING FOR ANATOMY EDUCATION. , 2020, , .		0
9	Early intervention with ABA prevents neuroinflammation and memory impairment in a triple transgenic mice model of AlzheimerÂ´s disease. Behavioural Brain Research, 2019, 374, 112106.	2.2	14
10	Nucleus incertus ablation disrupted conspecific recognition and modified immediate early gene expression patterns in â€˜social brainâ€™ circuits of rats. Behavioural Brain Research, 2019, 356, 332-347.	2.2	9
11	Central relaxin-3 receptor (RXFP3) activation impairs social recognition and modulates ERK-phosphorylation in specific GABAergic amygdala neurons. Brain Structure and Function, 2019, 224, 453-469.	2.3	14
12	Abscisic Acid Supplementation Rescues High Fat Diet-Induced Alterations in Hippocampal Inflammation and IRSs Expression. Molecular Neurobiology, 2019, 56, 454-464.	4.0	22
13	Modulation of forebrain function by nucleus incertus and relaxinâ€3/<scp>RXFP</scp>3 signaling. CNS Neuroscience and Therapeutics, 2018, 24, 694-702.	3.9	18
14	Osseointegration mechanisms: a proteomic approach. Journal of Biological Inorganic Chemistry, 2018, 23, 459-470.	2.6	22
15	Bioactive potential of silica coatings and its effect on the adhesion of proteins to titanium implants. Colloids and Surfaces B: Biointerfaces, 2018, 162, 316-325.	5.0	25
16	Characterization of serum proteins attached to distinct solâ€“gel hybrid surfaces. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1477-1485.	3.4	14
17	Silica-gelatin hybrid sol-gel coatings: A proteomic study with biocompatibility implications. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1769-1779.	2.7	5
18	Estudio de la especificidad de vÃas de insulina/IGF-1 en los patrones de arborizaciÃ³n y seÃ±alizaciÃ³n mediante el uso de virus asociados a adenovirus. , 2018, , 201-208.		0

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19	Central relaxin-3 receptor (RXFP3) activation increases ERK phosphorylation in septal cholinergic neurons and impairs spatial working memory. Brain Structure and Function, 2017, 222, 449-463.	2.3	30
20	Proteome analysis of human serum proteins adsorbed onto different titanium surfaces used in dental implants. Biofouling, 2017, 33, 98-111.	2.2	45
21	Proteomic analysis of silica hybrid sol-gel coatings: a potential tool for predicting the biocompatibility of implants in vivo. Biofouling, 2017, 33, 676-689.	2.2	36
22	GABAergic Neurons in the Rat Medial Septal Complex Express Relaxin-3 Receptor (RXFP3) mRNA. Frontiers in Neuroanatomy, 2017, 11, 133.	1.7	14
23	Comparative Distribution of Relaxin-3 Inputs and Calcium-Binding Protein-Positive Neurons in Rat Amygdala. Frontiers in Neuroanatomy, 2016, 10, 36.	1.7	11
24	The effect of abscisic acid chronic treatment on neuroinflammatory markers and memory in a rat model of high-fat diet induced neuroinflammation. Nutrition and Metabolism, 2016, 13, 73.	3.0	40
25	Acute oral administration of low doses of methylphenidate targets calretinin neurons in the rat septal area. Frontiers in Neuroanatomy, 2015, 9, 33.	1.7	4
26	Septal projections to nucleus incertus in the rat: Bidirectional pathways for modulation of hippocampal function. Journal of Comparative Neurology, 2015, 523, 565-588.	1.6	22
27	Abscisic Acid: A Versatile Phytohormone in Plant Signaling and Beyond. Current Protein and Peptide Science, 2015, 16, 413-434.	1.4	69
28	Electrolytic lesion of the nucleus incertus retards extinction of auditory conditioned fear. Behavioural Brain Research, 2013, 247, 201-210.	2.2	24
29	IRS-2 Deficiency Impairs NMDA Receptor-Dependent Long-term Potentiation. Cerebral Cortex, 2012, 22, 1717-1727.	2.9	66
30	Parkinsonâ€™s Disease and Autophagy. Parkinson's Disease, 2012, 2012, 1-6.	1.1	21
31	Distribution and targets of the relaxinâ€3 innervation of the septal area in the rat. Journal of Comparative Neurology, 2012, 520, 1903-1939.	1.6	38
32	Modulation of NMDA receptors by AKT kinase. Neurochemistry International, 2006, 49, 351-358.	3.8	25
33	Chronic exposure to ammonia alters basal and NMDA-induced phosphorylation of NMDA receptor-subunit NR1. Neuroscience, 2006, 140, 1239-1244.	2.3	13
34	Modulation of NMDA receptors in the cerebellum. 1. Properties of the NMDA receptor that modulate its function. Cerebellum, 2005, 4, 154-161.	2.5	61
35	Modulation of NMDA receptors in the cerebellum. II. Signaling pathways and physiological modulators regulating NMDA receptor function. Cerebellum, 2005, 4, 162-170.	2.5	36
36	Chronic exposure to ammonia induces isoform-selective alterations in the intracellular distribution and NMDA receptor-mediated translocation of protein kinase C in cerebellar neurons in culture. Journal of Neurochemistry, 2005, 92, 143-157.	3.9	20

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37	Activation of NMDA receptors induces protein kinase A-mediated phosphorylation and degradation of matrin 3. Blocking these effects prevents NMDA-induced neuronal death. Journal of Neurochemistry, 2005, 94, 808-818.	3.9	54
38	Serines 890 and 896 of the NMDA receptor subunit NR1 are differentially phosphorylated by protein kinase C isoforms. Neurochemistry International, 2005, 47, 84-91.	3.8	63
39	Modulation of NMDA receptor function by cyclic AMP in cerebellar neurones in culture. Journal of Neurochemistry, 2004, 91, 591-599.	3.9	20
40	Sequential activation of soluble guanylate cyclase, protein kinase G and cGMP-degrading phosphodiesterase is necessary for proper induction of long-term potentiation in CA1 of hippocampus. Neurochemistry International, 2004, 45, 895-901.	3.8	36
41	Glutamine synthetase activity and glutamine content in brain: modulation by NMDA receptors and nitric oxide. Neurochemistry International, 2003, 43, 493-499.	3.8	138
42	Trialkylglycines: A New Family of Compounds with in Vivo Neuroprotective Activity. CNS Neuroscience & Therapeutics, 2003, 9, 263-274.	4.0	4
43	Decreased anxiety-like behavior, reduced stress hormones, and neurosteroid supersensitivity in mice lacking protein kinase CÎµ. Journal of Clinical Investigation, 2002, 110, 1003-1010.	8.2	58
44	Decreased anxiety-like behavior, reduced stress hormones, and neurosteroid supersensitivity in mice lacking protein kinase CÎµ. Journal of Clinical Investigation, 2002, 110, 1003-1010.	8.2	114
45	Supersensitivity to allosteric GABAA receptor modulators and alcohol in mice lacking PKCÎµ. Nature Neuroscience, 1999, 2, 997-1002.	14.8	309
46	Cypin. Neuron, 1999, 24, 659-672.	8.1	93
47	Cellular transcription factors regulate human papillomavirus type 16 gene expression by binding to a subset of the DNA sequences recognized by the viral E2 protein. Journal of General Virology, 1999, 80, 2087-2096.	2.9	11
48	The N-terminal PDZ-containing region of postsynaptic density-95 mediates association with caveolar-like lipid domains. Neuroscience Letters, 1998, 258, 121-123.	2.1	56
49	Disruption of the human papillomavirus type 16 E2 gene protects cervical carcinoma cells from E2F-induced apoptosis.. Journal of General Virology, 1997, 78, 3009-3018.	2.9	46