

Ana MarÃ-a SÃ;nchez-PÃ©rez

List of Publications by Year in descending order

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Version: 2024-02-01

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	Supersensitivity to allosteric GABA _A receptor modulators and alcohol in mice lacking PKC μ . <i>Nature Neuroscience</i> , 1999, 2, 997-1002.	14.8	309
2	Glutamine synthetase activity and glutamine content in brain: modulation by NMDA receptors and nitric oxide. <i>Neurochemistry International</i> , 2003, 43, 493-499.	3.8	138
3	Decreased anxiety-like behavior, reduced stress hormones, and neurosteroid supersensitivity in mice lacking protein kinase C μ . <i>Journal of Clinical Investigation</i> , 2002, 110, 1003-1010.	8.2	114
4	Cypin. <i>Neuron</i> , 1999, 24, 659-672.	8.1	93
5	Abscisic Acid: A Versatile Phytohormone in Plant Signaling and Beyond. <i>Current Protein and Peptide Science</i> , 2015, 16, 413-434.	1.4	69
6	IRS-2 Deficiency Impairs NMDA Receptor-Dependent Long-term Potentiation. <i>Cerebral Cortex</i> , 2012, 22, 1717-1727.	2.9	66
7	Serines 890 and 896 of the NMDA receptor subunit NR1 are differentially phosphorylated by protein kinase C isoforms. <i>Neurochemistry International</i> , 2005, 47, 84-91.	3.8	63
8	Modulation of NMDA receptors in the cerebellum. I. Properties of the NMDA receptor that modulate its function. <i>Cerebellum</i> , 2005, 4, 154-161.	2.5	61
9	Decreased anxiety-like behavior, reduced stress hormones, and neurosteroid supersensitivity in mice lacking protein kinase C μ . <i>Journal of Clinical Investigation</i> , 2002, 110, 1003-1010.	8.2	58
10	The N-terminal PDZ-containing region of postsynaptic density-95 mediates association with caveolar-like lipid domains. <i>Neuroscience Letters</i> , 1998, 258, 121-123.	2.1	56
11	Activation of NMDA receptors induces protein kinase A-mediated phosphorylation and degradation of matrix 3. Blocking these effects prevents NMDA-induced neuronal death. <i>Journal of Neurochemistry</i> , 2005, 94, 808-818.	3.9	54
12	Disruption of the human papillomavirus type 16 E2 gene protects cervical carcinoma cells from E2F-induced apoptosis. <i>Journal of General Virology</i> , 1997, 78, 3009-3018.	2.9	46
13	Proteome analysis of human serum proteins adsorbed onto different titanium surfaces used in dental implants. <i>Biofouling</i> , 2017, 33, 98-111.	2.2	45
14	Can We Treat Neuroinflammation in Alzheimer's Disease?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8751.	4.1	43
15	The effect of abscisic acid chronic treatment on neuroinflammatory markers and memory in a rat model of high-fat diet induced neuroinflammation. <i>Nutrition and Metabolism</i> , 2016, 13, 73.	3.0	40
16	Distribution and targets of the relaxin β innervation of the septal area in the rat. <i>Journal of Comparative Neurology</i> , 2012, 520, 1903-1939.	1.6	38
17	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. <i>Neurochemistry International</i> , 2004, 45, 895-901.	3.8	36
18	Modulation of NMDA receptors in the cerebellum. II. Signaling pathways and physiological modulators regulating NMDA receptor function. <i>Cerebellum</i> , 2005, 4, 162-170.	2.5	36

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19	Proteomic analysis of silica hybrid sol-gel coatings: a potential tool for predicting the biocompatibility of implants <i>in vivo</i> . <i>Biofouling</i> , 2017, 33, 676-689.	2.2	36
20	Central relaxin-3 receptor (RXFP3) activation increases ERK phosphorylation in septal cholinergic neurons and impairs spatial working memory. <i>Brain Structure and Function</i> , 2017, 222, 449-463.	2.3	30
21	Modulation of NMDA receptors by AKT kinase. <i>Neurochemistry International</i> , 2006, 49, 351-358.	3.8	25
22	Bioactive potential of silica coatings and its effect on the adhesion of proteins to titanium implants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 316-325.	5.0	25
23	Electrolytic lesion of the nucleus incertus retards extinction of auditory conditioned fear. <i>Behavioural Brain Research</i> , 2013, 247, 201-210.	2.2	24
24	Septal projections to nucleus incertus in the rat: Bidirectional pathways for modulation of hippocampal function. <i>Journal of Comparative Neurology</i> , 2015, 523, 565-588.	1.6	22
25	Osseointegration mechanisms: a proteomic approach. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 459-470.	2.6	22
26	Abscisic Acid Supplementation Rescues High Fat Diet-Induced Alterations in Hippocampal Inflammation and IRSs Expression. <i>Molecular Neurobiology</i> , 2019, 56, 454-464.	4.0	22
27	Parkinson's Disease and Autophagy. <i>Parkinson's Disease</i> , 2012, 2012, 1-6.	1.1	21
28	Modulation of NMDA receptor function by cyclic AMP in cerebellar neurones in culture. <i>Journal of Neurochemistry</i> , 2004, 91, 591-599.	3.9	20
29	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. <i>Journal of Neurochemistry</i> , 2005, 92, 143-157.	3.9	20
30	Modulation of forebrain function by nucleus incertus and relaxin-3 signaling. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 694-702.	3.9	18
31	Neuroinflammation as a possible link between attention-deficit/hyperactivity disorder (ADHD) and pain. <i>Medical Hypotheses</i> , 2021, 157, 110717.	1.5	18
32	Adolescent binge ethanol accelerates cognitive impairment and β -amyloid production and dysregulates endocannabinoid signaling in the hippocampus of APP/PSE mice. <i>Addiction Biology</i> , 2021, 26, e12883.	2.6	15
33	Characterization of serum proteins attached to distinct sol-gel hybrid surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1477-1485.	3.4	14
34	GABAergic Neurons in the Rat Medial Septal Complex Express Relaxin-3 Receptor (RXFP3) mRNA. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 133.	1.7	14
35	Early intervention with ABA prevents neuroinflammation and memory impairment in a triple transgenic mice model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2019, 374, 112106.	2.2	14
36	Central relaxin-3 receptor (RXFP3) activation impairs social recognition and modulates ERK-phosphorylation in specific GABAergic amygdala neurons. <i>Brain Structure and Function</i> , 2019, 224, 453-469.	2.3	14

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37	Chronic exposure to ammonia alters basal and NMDA-induced phosphorylation of NMDA receptor-subunit NR1. <i>Neuroscience</i> , 2006, 140, 1239-1244.	2.3	13
38	Comparative Distribution of Relaxin-3 Inputs and Calcium-Binding Protein-Positive Neurons in Rat Amygdala. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 36.	1.7	11
39	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. <i>Journal of General Virology</i> , 1999, 80, 2087-2096.	2.9	11
40	Nucleus incertus ablation disrupted conspecific recognition and modified immediate early gene expression patterns in "social brain" circuits of rats. <i>Behavioural Brain Research</i> , 2019, 356, 332-347.	2.2	9
41	AAV delivery of shRNA against IRS1 in GABAergic neurons in rat hippocampus impairs spatial memory in females and male rats. <i>Brain Structure and Function</i> , 2021, 226, 163-178.	2.3	8
42	Abscisic acid, a promising therapeutic molecule to prevent Alzheimer's and neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2020, 15, 1035.	3.0	6
43	Silica-gelatin hybrid sol-gel coatings: A proteomic study with biocompatibility implications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1769-1779.	2.7	5
44	IRS1 expression in hippocampus is age-dependent and is required for mature spine maintenance and neurogenesis. <i>Molecular and Cellular Neurosciences</i> , 2022, 118, 103693.	2.2	5
45	Trialkylglycines: A New Family of Compounds with <i>in Vivo</i> Neuroprotective Activity. <i>CNS Neuroscience & Therapeutics</i> , 2003, 9, 263-274.	4.0	4
46	Acute oral administration of low doses of methylphenidate targets calretinin neurons in the rat septal area. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 33.	1.7	4
47	Design, Synthesis and Evaluation of Fluorescent Analogues of Abscisic Acid. <i>ChemistrySelect</i> , 2020, 5, 8015-8019.	1.5	1
48	Estudio de la especificidad de vías de insulina/IGF-1 en los patrones de arborización y señalización mediante el uso de virus asociados a adenovirus. , 2018, , 201-208.		0
49	A PERSPECTIVE OF MEDICAL STUDENTS ON 3D PRINTING FOR ANATOMY EDUCATION. , 2020, , .		0