Ana C Calvo

List of Publications by Year
in descending order

47 papers	2,625 citations	361045 20 h-index	253896 43 g-index
48 all docs	48 docs citations	48 times ranked	3941 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	4.3	1,430
2	Changes in intestinal microbiota and humoral immune response following probiotic administration in brown trout (Salmo trutta). British Journal of Nutrition, 2007, 97, 522-527.	1.2	205
3	Competing Endogenous RNA Networks as Biomarkers in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 9582.	1.8	73
4	Comparative study of behavioural tests in the SOD1G93A mouse model of amyotrophic lateral sclerosis. Experimental Animals, 2015, 64, 147-153.	0.7	60
5	Genetic Biomarkers for ALS Disease in Transgenic SOD1G93A Mice. PLoS ONE, 2012, 7, e32632.	1.1	53
6	Fragment C of tetanus toxin, more than a carrier. Novel perspectives in non-viral ALS gene therapy. Journal of Molecular Medicine, 2010, 88, 297-308.	1.7	52
7	Amyotrophic Lateral Sclerosis: A Focus on Disease Progression. BioMed Research International, 2014, 2014, 1-12.	0.9	49
8	Neuregulin-1 promotes functional improvement by enhancing collateral sprouting in SOD1G93A ALS mice and after partial muscle denervation. Neurobiology of Disease, 2016, 95, 168-178.	2.1	44
9	Sex, fiber-type, and age dependent in vitro proliferation of mouse muscle satellite cells. Journal of Cellular Biochemistry, 2011, 112, 2825-2836.	1.2	41
10	Altered Expression of Myogenic Regulatory Factors in the Mouse Model of Amyotrophic Lateral Sclerosis. Neurodegenerative Diseases, 2011, 8, 386-396.	0.8	39
11	Sex Differences in Constitutive Autophagy. BioMed Research International, 2014, 2014, 1-5.	0.9	39
12	Extra virgin olive oil intake delays the development of amyotrophic lateral sclerosis associated with reduced reticulum stress and autophagy in muscle of SOD1G93A mice. Journal of Nutritional Biochemistry, 2014, 25, 885-892.	1.9	36
13	Altered in vitro Proliferation of Mouse SOD1-G93A Skeletal Muscle Satellite Cells. Neurodegenerative Diseases, 2013, 11, 153-164.	0.8	35
14	Fragment C of Tetanus Toxin: New Insights into Its Neuronal Signaling Pathway. International Journal of Molecular Sciences, 2012, 13, 6883-6901.	1.8	33
15	Lack of a synergistic effect of a non-viral ALS gene therapy based on BDNF and a TTC fusion molecule. Orphanet Journal of Rare Diseases, 2011, 6, 10.	1.2	32
16	Are Circulating Cytokines Reliable Biomarkers for Amyotrophic Lateral Sclerosis?. International Journal of Molecular Sciences, 2019, 20, 2759.	1.8	32
17	DREAM-Dependent Activation of Astrocytes in Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2018, 55, 1-12.	1.9	30
18	Non-viral gene delivery of the GDNF, either alone or fused to the C-fragment of tetanus toxin protein, prolongs survival in a mouse ALS model. Restorative Neurology and Neuroscience, 2012, 30, 69-80.	0.4	25

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19	Synaptic neurone activity under applied 50 Hz alternating magnetic fields. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1999, 124, 99-107.	0.5	24
20	Determination of protein and RNA expression levels of common housekeeping genes in a mouse model of neurodegeneration. Proteomics, 2008, 8, 4338-4343.	1.3	24
21	Inflammasome in ALS Skeletal Muscle: NLRP3 as a Potential Biomarker. International Journal of Molecular Sciences, 2021, 22, 2523.	1.8	22
22	Neuroprotective efficiency of tetanus toxin C fragment in model of global cerebral ischemia in Mongolian gerbils. Brain Research Bulletin, 2014, 101, 37-44.	1.4	19
23	Time-Point Dependent Activation of Autophagy and the UPS in SOD1G93A Mice Skeletal Muscle. PLoS ONE, 2015, 10, e0134830.	1.1	19
24	Collagen XIX Alpha 1 Improves Prognosis in Amyotrophic Lateral Sclerosis. , 2019, 10, 278.		18
25	What skeletal muscle has to say in amyotrophic lateral sclerosis: Implications for therapy. British Journal of Pharmacology, 2021, 178, 1279-1297.	2.7	18
26	Circulating Cytokines Could Not Be Good Prognostic Biomarkers in a Mouse Model of Amyotrophic Lateral Sclerosis. Frontiers in Immunology, 2019, 10, 801.	2.2	16
27	Inflammatory and non-inflammatory monocytes as novel prognostic biomarkers of survival in SOD1G93A mouse model of Amyotrophic Lateral Sclerosis. PLoS ONE, 2017, 12, e0184626.	1.1	16
28	Housekeeping gene expression in myogenic cell cultures from neurodegeneration and denervation animal models. Biochemical and Biophysical Research Communications, 2011, 407, 758-763.	1.0	15
29	Gene therapy for overexpressing Neuregulin 1 type I in skeletal muscles promotes functional improvement in the SOD1G93A ALS mice. Neurobiology of Disease, 2020, 137, 104793.	2.1	15
30	Quantity and Activation of Myofiber-Associated Satellite Cells in a Mouse Model of Amyotrophic Lateral Sclerosis. Stem Cell Reviews and Reports, 2012, 8, 279-287.	5.6	14
31	Neuroprotective Effect of Non-viral Gene Therapy Treatment Based on Tetanus Toxin C-fragment in a Severe Mouse Model of Spinal Muscular Atrophy. Frontiers in Molecular Neuroscience, 2016, 9, 76.	1.4	14
32	Type XIX collagen: a promising biomarker from the basement membranes. Neural Regeneration Research, 2020, 15, 988.	1.6	13
33	Quantitative analysis of bacterial adhesion to fish tissue. Colloids and Surfaces B: Biointerfaces, 2009, 71, 331-333.	2.5	11
34	EVIDENCE OF SYNCHRONIZATION OF NEURONAL ACTIVITY OF MOLLUSCAN BRAIN GANGLIA INDUCED BY ALTERNATING 50 Hz APPLIED MAGNETIC FIELD. Electromagnetic Biology and Medicine, 2002, 21, 209-220.	0.7	9
35	Neurone bioelectric activity under magnetic fields of variable frequency in the range of 0.1â€“80Hz. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2424-2425.	1.0	8
36	Neuroprotective Fragment C of Tetanus Toxin Modulates IL-6 in an ALS Mouse Model. Toxins, 2020, 12, 330.	1.5	8

#	Article	IF	Citations
37	SNAIL NEURON BIOELECTRIC ACTIVITY INDUCED UNDER STATIC OR SINUSOIDAL MAGNETIC FIELDS REPRODUCES MAMMAL NEURON RESPONSES UNDER TRANSCRANIAL MAGNETIC STIMULATION. Electromagnetic Biology and Medicine, 2000, 19, 303-319.	0.4	6
38	Effects of gene therapy on muscle 18S rRNA expression in mouse model of ALS. BMC Research Notes, 2010, 3, 275.	0.6	6
39	Electrophysiologic Responses of Snail Brain Neurons Under Applied 50-Hz Alternating Magnetic Fields. Electromagnetic Biology and Medicine, 1999, 18, 305-312.	0.4	5
40	Synchronization dynamics induced on pairs of neurons under applied weak alternating magnetic fields. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 603-618.	0.8	5
41	Lessons to Learn from the Gut Microbiota: A Focus on Amyotrophic Lateral Sclerosis. Genes, 2022, 13, 865.	1.0	4
42	Decoding Amyotrophic Lateral Sclerosis: Discovery of Novel Disease-Related Biomarkers and Future Perspectives in Neurodegeneration. BioMed Research International, 2014, 2014, 1-2.	0.9	3
43	New perspectives in the search for reliable biomarkers in Alzheimer disease. European Journal of Psychiatry, 2015, 29, 51-65.	0.7	3
44	50Hz-Sinusoidal magnetic field induced effects on the bioelectric activity of single unit neurone cells. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 2101-2103.	1.0	2
45	Clostridium tetani and Tetanus Toxin. , 2015, , 909-916.		0
46	Hematopoietic stem and progenitor cells as novel prognostic biomarkers of longevity in a murine model for amyotrophic lateral sclerosis. American Journal of Physiology - Cell Physiology, 2016, 311, C910-C919.	2.1	0
47	Comparative study of hematopoietic stem and progenitor cells between sexes in mice under physiological conditions along time. Cell Biology International, 2017, 41, 1399-1405.	1.4	0