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	Lessons to Learn from the Gut Microbiota: A Focus on Amyotrophic Lateral Sclerosis. Genes, 2022, 13, 865.	1.0	4
2	What skeletal muscle has to say in amyotrophic lateral sclerosis: Implications for therapy. British Journal of Pharmacology, 2021, 178, 1279-1297.	2.7	18
3	Inflammasome in ALS Skeletal Muscle: NLRP3 as a Potential Biomarker. International Journal of Molecular Sciences, 2021, 22, 2523.	1.8	22
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (edition	4.3	1,430
5	Competing Endogenous RNA Networks as Biomarkers in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 9582.	1.8	73
6	Neuroprotective Fragment C of Tetanus Toxin Modulates IL-6 in an ALS Mouse Model. Toxins, 2020, 12, 330.	1.5	8
7	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
8	Type XIX collagen: a promising biomarker from the basement membranes. Neural Regeneration Research, 2020, 15, 988.	1.6	13
9	Are Circulating Cytokines Reliable Biomarkers for Amyotrophic Lateral Sclerosis?. International Journal of Molecular Sciences, 2019, 20, 2759.	1.8	32
10	Collagen XIX Alpha 1 Improves Prognosis in Amyotrophic Lateral Sclerosis. , 2019, 10, 278.		18
11	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
12	DREAM-Dependent Activation of Astrocytes in Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2018, 55, 1-12.	1.9	30
13	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
14	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
15	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
16	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
17	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
18	Comparative study of behavioural tests in the SOD1G93A mouse model of amyotrophic lateral sclerosis. Experimental Animals, 2015, 64, 147-153.	0.7	60

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19	New perspectives in the search for reliable biomarkers in Alzheimer disease. European Journal of Psychiatry, 2015, 29, 51-65.	0.7	3
20	Clostridium tetani and Tetanus Toxin. , 2015, , 909-916.		0
21	Time-Point Dependent Activation of Autophagy and the UPS in SOD1G93A Mice Skeletal Muscle. PLoS ONE, 2015, 10, e0134830.	1.1	19
22	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
23	Sex Differences in Constitutive Autophagy. BioMed Research International, 2014, 2014, 1-5.	0.9	39
24	Amyotrophic Lateral Sclerosis: A Focus on Disease Progression. BioMed Research International, 2014, 2014, 1-12.	0.9	49
25	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
26	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
27	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
28	Altered in vitro Proliferation of Mouse SOD1-G93A Skeletal Muscle Satellite Cells. Neurodegenerative Diseases, 2013, 11, 153-164.	0.8	35
29	Fragment C of Tetanus Toxin: New Insights into Its Neuronal Signaling Pathway. International Journal of Molecular Sciences, 2012, 13, 6883-6901.	1.8	33
30	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
31	Genetic Biomarkers for ALS Disease in Transgenic SOD1G93A Mice. PLoS ONE, 2012, 7, e32632.	1.1	53
32	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
33	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
34	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
35	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
36	Altered Expression of Myogenic Regulatory Factors in the Mouse Model of Amyotrophic Lateral Sclerosis. Neurodegenerative Diseases, 2011, 8, 386-396.	0.8	39

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37	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
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	Quantitative analysis of bacterial adhesion to fish tissue. Colloids and Surfaces B: Biointerfaces, 2009, 71, 331-333.	2.5	11
40	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
41	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
42	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
43	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
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	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
46	Electrophysiologic Responses of Snail Brain Neurons Under Applied 50-Hz Alternating Magnetic Fields. Electromagnetic Biology and Medicine, 1999, 18, 305-312.	0.4	5
47	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