

Carme PelegrÃ-

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,304
citations

172457

29
h-index

223800

46
g-index

59
all docs

59
docs citations

59
times ranked

3414
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary resveratrol prevents Alzheimer's markers and increases life span in SAMP8. <i>Age</i> , 2013, 35, 1851-1865.	3.0	224
2	Resveratrol and Neurodegenerative Diseases: Activation of SIRT1 as the Potential Pathway towards Neuroprotection. <i>Current Neurovascular Research</i> , 2009, 6, 70-81.	1.1	151
3	Memantine for the Treatment of Dementia: A Review on its Current and Future Applications. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1223-1240.	2.6	150
4	Early Amyloid Accumulation in the Hippocampus of SAMP8 Mice. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1303-1315.	2.6	119
5	Increased permeability of blood-brain barrier on the hippocampus of a murine model of senescence. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 522-528.	4.6	82
6	Trafficking of Gold Nanoparticles Coated with the 8D3 Anti-Transferrin Receptor Antibody at the Mouse Blood-Brain Barrier. <i>Molecular Pharmaceutics</i> , 2015, 12, 4137-4145.	4.6	71
7	Cell cycle activation in striatal neurons from Huntington's disease patients and rats treated with 3- β -nitropropionic acid. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 665-671.	1.6	68
8	Sirtuin activators: Designing molecules to extend life span. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 740-749.	1.9	67
9	Dietary Plasma Protein Affects the Immune Response of Weaned Rats Challenged with <i>S. aureus</i> Superantigen B. <i>Journal of Nutrition</i> , 2004, 134, 2667-2672.	2.9	62
10	Dietary Glutamine Affects Mucosal Functions in Rats with Mild DSS-Induced Colitis. <i>Journal of Nutrition</i> , 2007, 137, 1931-1937.	2.9	62
11	Potential Mechanisms Involved in the Prevention of Neurodegenerative Diseases by Lithium. <i>CNS Neuroscience and Therapeutics</i> , 2009, 15, 333-344.	3.9	56
12	Astrocytes and neurons produce distinct types of polyglucosan bodies in <i>Alzheimer's</i> disease. <i>Glia</i> , 2018, 66, 2094-2107.	4.9	51
13	Characterization of Amyloid- β Granules in the Hippocampus of SAMP8 Mice. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 535-546.	2.6	48
14	Antiapoptotic Drugs: A Therapeutic Strategy for the Prevention of Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2011, 17, 230-245.	1.9	48
15	Depletion of $\gamma\delta$ T cells does not prevent or ameliorate, but rather aggravates, rat adjuvant arthritis. <i>Arthritis and Rheumatism</i> , 1996, 39, 204-215.	6.7	47
16	Circadian rhythms in surface molecules of rat blood lymphocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 284, C67-C76.	4.6	44
17	New perspectives on corpora amylacea in the human brain. <i>Scientific Reports</i> , 2017, 7, 41807.	3.3	44
18	A new method for determining blood-brain barrier integrity based on intracardiac perfusion of an Evans Blue-Hoechst cocktail. <i>Journal of Neuroscience Methods</i> , 2008, 174, 42-49.	2.5	43

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19	An evaluation of the neuroprotective effects of melatonin in an in vitro experimental model of age-induced neuronal apoptosis. <i>Journal of Pineal Research</i> , 2009, 46, 262-267.	7.4	41
20	Role of matrix metalloproteinase-9 (MMP-9) in striatal blood-brain barrier disruption in a 3-nitropropionic acid model of Huntington's disease. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 525-537.	3.2	41
21	Cerebral Amyloid Angiopathy, Blood-Brain Barrier Disruption and Amyloid Accumulation in SAMP8 Mice. <i>Neurodegenerative Diseases</i> , 2011, 8, 421-429.	1.4	41
22	Time-course of blood-brain barrier disruption in senescence-accelerated mouse prone 8 (SAMP8) mice. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 47-52.	1.6	38
23	Effective treatment of adjuvant arthritis with a stimulatory CD28-specific monoclonal antibody. <i>Journal of Rheumatology</i> , 2006, 33, 110-8.	2.0	38
24	Islet abnormalities in the pathogenesis of autoimmune diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2002, 13, 209-214.	7.1	36
25	$\text{A}\beta^2$ increases neural stem cell activity in senescence-accelerated SAMP8 mice. <i>Neurobiology of Aging</i> , 2013, 34, 2623-2638.	3.1	35
26	Study of the transcytosis of an anti-transferrin receptor antibody with a Fab ² cargo across the blood-brain barrier in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 556-564.	4.0	35
27	Comparison of four lymphocyte isolation methods applied to rodent T cell subpopulations and B cells. <i>Journal of Immunological Methods</i> , 1995, 187, 265-271.	1.4	33
28	<i>Corpora amylacea</i> act as containers that remove waste products from the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26038-26048.	7.1	33
29	Developmental Changes in Intraepithelial T Lymphocytes and NK Cells in the Small Intestine of Neonatal Rats. <i>Pediatric Research</i> , 2005, 58, 885-891.	2.3	32
30	Exploring the elusive composition of corpora amylacea of human brain. <i>Scientific Reports</i> , 2018, 8, 13525.	3.3	32
31	Periodic acid-Schiff granules in the brain of aged mice: From amyloid aggregates to degenerative structures containing neo-epitopes. <i>Ageing Research Reviews</i> , 2016, 27, 42-55.	10.9	30
32	PI3 k/akt inhibition induces apoptosis through p38 activation in neurons. <i>Pharmacological Research</i> , 2013, 70, 116-125.	7.1	29
33	Treatment with an anti-CD4 monoclonal antibody strongly ameliorates established rat adjuvant arthritis. <i>Clinical and Experimental Immunology</i> , 1996, 103, 273-278.	2.6	27
34	Administration of a Nondepleting Anti-CD4 Monoclonal Antibody (W3/25) Prevents Adjuvant Arthritis, Even upon Rechallenge: Parallel Administration of a Depleting Anti-CD8 Monoclonal Antibody (OX8) Does Not Modify the Effect of W3/25. <i>Cellular Immunology</i> , 1995, 165, 177-182.	3.0	25
35	<i>Corpora amylacea</i> in human hippocampal brain tissue are intracellular bodies that exhibit a homogeneous distribution of neo-epitopes. <i>Scientific Reports</i> , 2019, 9, 2063.	3.3	25
36	3-Nitropropionic acid activates calpain/cdk5 pathway in rat striatum. <i>Neuroscience Letters</i> , 2007, 421, 77-81.	2.1	22

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37	Blood-brain barrier disruption in the striatum of rats treated with 3-nitropropionic acid. <i>NeuroToxicology</i> , 2009, 30, 136-143.	3.0	22
38	From corpora amylacea to wasteosomes: History and perspectives. <i>Ageing Research Reviews</i> , 2021, 72, 101484.	10.9	22
39	Presence of a neo-epitope and absence of amyloid beta and tau protein in degenerative hippocampal granules of aged mice. <i>Age</i> , 2014, 36, 151-165.	3.0	21
40	Islet Endocrine-Cell Behavior From Birth Onward in Mice With the Nonobese Diabetic Genetic Background. <i>Molecular Medicine</i> , 2001, 7, 311-319.	4.4	20
41	Induction of Colitis in Young Rats by Dextran Sulfate Sodium. <i>Digestive Diseases and Sciences</i> , 2005, 50, 143-150.	2.3	18
42	Systemic administration of 3-nitropropionic acid points out a different role for active caspase-3 in neurons and astrocytes. <i>Neurochemistry International</i> , 2010, 56, 443-450.	3.8	18
43	Alterations of lymphocyte populations in lymph nodes but not in spleen during the latency period of adjuvant arthritis. <i>Inflammation</i> , 1999, 23, 153-165.	3.8	16
44	GSK3 β inhibition is involved in the neuroprotective effects of cyclin-dependent kinase inhibitors in neurons. <i>Pharmacological Research</i> , 2012, 65, 66-73.	7.1	15
45	Immunohistochemical study of lymphoid tissues in adjuvant arthritis (AA) by image analysis; relationship with synovial lesions. <i>Clinical and Experimental Immunology</i> , 2000, 120, 200-208.	2.6	13
46	Serial block-face scanning electron microscopy applied to study the trafficking of 8D3-coated gold nanoparticles at the blood-brain barrier. <i>Histochemistry and Cell Biology</i> , 2017, 148, 3-12.	1.7	13
47	Prevention of adjuvant arthritis by the W3/25 anti-CD4 monoclonal antibody is associated with a decrease of blood CD4 ⁺ CD45RChigh T cells. <i>Clinical and Experimental Immunology</i> , 2001, 125, 470-477.	2.6	12
48	Study of the pathways involved in apoptosis induced by PI3K inhibition in cerebellar granule neurons. <i>Neurochemistry International</i> , 2011, 59, 159-167.	3.8	12
49	Neo-epitopes emerging in the degenerative hippocampal granules of aged mice can be recognized by natural IgM auto-antibodies. <i>Immunity and Ageing</i> , 2015, 12, 23.	4.2	12
50	Corpora Amylacea in the Human Brain Exhibit Neoepitopes of a Carbohydrate Nature. <i>Frontiers in Immunology</i> , 2021, 12, 618193.	4.8	12
51	Clustered granules present in the hippocampus of aged mice result from a degenerative process affecting astrocytes and their surrounding neuropil. <i>Age</i> , 2014, 36, 9690.	3.0	10
52	Blood B, T, CD4 ⁺ and CD8 ⁺ lymphocytes in female Wistar rats. <i>Annals of Hematology</i> , 1993, 67, 115-118.	1.8	8
53	Kinetics of W3/25 anti-rat CD4 monoclonal antibody. <i>Immunopharmacology</i> , 1998, 39, 83-91.	2.0	7
54	Neuronal apoptosis in the striatum of rats treated with 3-nitropropionic acid is not triggered by cell-cycle re-entry. <i>NeuroToxicology</i> , 2011, 32, 734-741.	3.0	6

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55	Induction of colitis in young rats by dextran sulfate sodium. <i>Digestive Diseases and Sciences</i> , 2005, 50, 143-50.	2.3	6
56	Expression pattern of ataxia telangiectasia mutated (ATM), p53, Akt, and glycogen synthase kinase-3 β in the striatum of rats treated with 3-nitropropionic acid. <i>Journal of Neuroscience Research</i> , 2012, 90, 1803-1813.	2.9	5
57	An image analysis strategy to determine the distribution of cell types in spleen sections. <i>Acta Histochemica</i> , 1999, 101, 281-291.	1.8	3
58	CD4 Expression Decrease by Antisense Oligonucleotides: Inhibition of Rat T CD4+ Cell Reactivity. <i>Oligonucleotides</i> , 2003, 13, 217-228.	2.7	3
59	Sirtuin and Resveratrol. <i>Oxidative Stress and Disease</i> , 2009, , .	0.3	0