

Lorena Arranz

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,254
citations

257450

24
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

3971
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropathy of haematopoietic stem cell niche is essential for myeloproliferative neoplasms. <i>Nature</i> , 2014, 512, 78-81.	27.8	375
2	Nestin-expressing progenitor cells: function, identity and therapeutic implications. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2177-2195.	5.4	251
3	The neural crest is a source of mesenchymal stem cells with specialized hematopoietic stem cell niche function. <i>ELife</i> , 2014, 3, e03696.	6.0	240
4	Self-Renewing Human Bone Marrow Mesenspheres Promote Hematopoietic Stem Cell Expansion. <i>Cell Reports</i> , 2013, 3, 1714-1724.	6.4	128
5	Estrogen Signaling Selectively Induces Apoptosis of Hematopoietic Progenitors and Myeloid Neoplasms without Harming Steady-State Hematopoiesis. <i>Cell Stem Cell</i> , 2014, 15, 791-804.	11.1	96
6	Impairment of several immune functions in anxious women. <i>Journal of Psychosomatic Research</i> , 2007, 62, 1-8.	2.6	91
7	A Model of Premature Aging in Mice Based on Altered Stress-Related Behavioral Response and Immunosenescence. <i>NeuroImmunoModulation</i> , 2007, 14, 157-162.	1.8	81
8	Early maternal deprivation and neonatal single administration with a cannabinoid agonist induce long-term sex-dependent psychoimmunoendocrine effects in adolescent rats. <i>Psychoneuroendocrinology</i> , 2007, 32, 636-650.	2.7	79
9	Gender-Specific Neuroimmunoendocrine Aging in a Triple-Transgenic 3 \times Tg-AD Mouse Model for Alzheimer's Disease and Its Relation with Longevity. <i>NeuroImmunoModulation</i> , 2008, 15, 331-343.	1.8	79
10	Environmental Enrichment Improves Age-Related Immune System Impairment: Long-Term Exposure Since Adulthood Increases Life Span in Mice. <i>Rejuvenation Research</i> , 2010, 13, 415-428.	1.8	76
11	Interleukin-1 β as emerging therapeutic target in hematological malignancies and potentially in their complications. <i>Blood Reviews</i> , 2017, 31, 306-317.	5.7	68
12	Multiple faces of succinate beyond metabolism in blood. <i>Haematologica</i> , 2018, 103, 1586-1592.	3.5	57
13	The glutathione precursor N-acetylcysteine improves immune function in postmenopausal women. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1252-1262.	2.9	55
14	Preserved Immune Functions and Controlled Leukocyte Oxidative Stress in Naturally Long-lived Mice: Possible Role of Nuclear Factor Kappa B. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 941-950.	3.6	50
15	Effect of Acupuncture Treatment on the Immune Function Impairment Found in Anxious Women. <i>The American Journal of Chinese Medicine</i> , 2007, 35, 35-51.	3.8	49
16	Preserved ex vivo inflammatory status and cytokine responses in naturally long-lived mice. <i>Age</i> , 2010, 32, 451-466.	3.0	47
17	Bone Marrow Adipocytes: The Enigmatic Components of the Hematopoietic Stem Cell Niche. <i>Journal of Clinical Medicine</i> , 2019, 8, 707.	2.4	39
18	Effect of Environmental Enrichment on the Immunoendocrine Aging of Male and Female Triple-Transgenic 3 \times Tg-AD Mice for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 727-737.	2.6	37

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19	Influence of Aging and Enriched Environment on Motor Activity and Emotional Responses in Mice. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 543-552.	3.8	27
20	Soybean and Green Tea Polyphenols Improve Immune Function and Redox Status in Very Old Ovariectomized Mice. <i>Rejuvenation Research</i> , 2010, 13, 665-674.	1.8	27
21	Ovariectomy causes immunosenescence and oxi-inflamm-ageing in peritoneal leukocytes of aged female mice similar to that in aged males. <i>Biogerontology</i> , 2011, 12, 227-238.	3.9	27
22	Behavioral, endocrine and immunological characteristics of a murine model of premature aging. <i>Developmental and Comparative Immunology</i> , 2005, 29, 965-976.	2.3	25
23	Impaired Immune Function in a Homeless Population with Stress-Related Disorders. <i>NeuroImmunoModulation</i> , 2009, 16, 251-260.	1.8	25
24	Early Maternal Deprivation in Rats. <i>Annals of the New York Academy of Sciences</i> , 2009, 1153, 176-183.	3.8	25
25	Leukemia Stem Cell Release From the Stem Cell Niche to Treat Acute Myeloid Leukemia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 607.	3.7	24
26	Improvement of Immune Cell Functions in Aged Mice Treated for Five Weeks with Soybean Isoflavones. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 497-504.	3.8	23
27	Updates on Old and Weary Haematopoiesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2567.	4.1	21
28	Exceptionally old mice are highly resistant to lipoxidation-derived molecular damage. <i>Age</i> , 2013, 35, 621-635.	3.0	19
29	Mitochondria underlie different metabolism of hematopoietic stem and progenitor cells. <i>Haematologica</i> , 2013, 98, 993-995.	3.5	16
30	Differential expression of Toll-like receptor 2 and 4 on peritoneal leukocyte populations from long-lived and non-selected old female mice. <i>Biogerontology</i> , 2010, 11, 475-482.	3.9	11
31	IL-1 β Promotes a New Function of DNase I as a Transcription Factor for the Fas Receptor Gene. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 7.	3.7	7
32	Accelerated immunosenescence, oxidation and inflammation lead to a higher biological age in COPD patients. <i>Experimental Gerontology</i> , 2021, 154, 111551.	2.8	7
33	Improvement of the interleukin 2 and tumour necrosis factor α release by blood leukocytes as well as of plasma cortisol and antioxidant levels after acupuncture treatment in women suffering anxiety. <i>Journal of Applied Biomedicine</i> , 2006, 4, 115-122.	1.7	6
34	Female Mice Reaching Exceptionally High Old Age Have Preserved 20S Proteasome Activities. <i>Antioxidants</i> , 2021, 10, 1397.	5.1	5
35	The Hematology of Tomorrow Is Here—Preclinical Models Are Not: Cell Therapy for Hematological Malignancies. <i>Cancers</i> , 2022, 14, 580.	3.7	5
36	Expression of Toll-like receptors on peritoneal macrophages and dendritic cells from old mice treated with soyabean isoflavones and green tea. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	1.0	2

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37	The Importance of the Environment in Brain Aging: Be Happy, Live Longer!. , 2012, , 79-94.		2
38	Aging of Bone Marrow Microenvironment Promotes Myeloid Bias of Hematopoietic Progenitors and Is a Target in Age-Related Myeloproliferative Neoplasms. Blood, 2018, 132, 3842-3842.	1.4	2
39	Network anatomy and in vivo physiology of mesenchymal stem and stromal cells. Inflammation and Regeneration, 2013, 33, 038-047.	3.7	2
40	Circadian parasympathetic regulation of hematopoietic stem cell traffic. Experimental Hematology, 2013, 41, S14.	0.4	1
41	Therapeutic Polycomb Targeting in Human Cancer. Recent Patents on Regenerative Medicine, 2012, 2, 22-29.	0.4	0
42	Sympathetic Neuropathy Of The Hematopoietic Stem Cell Niche Is Essential For Myeloproliferative Neoplasms. Blood, 2013, 122, 268-268.	1.4	0