

Monica De la Fuente

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180
papers

5,233
citations

42
h-index

62
g-index

203
ext. papers

5,974
ext. citations

4.3
avg, IF

5.95
L-index

#	Paper	IF	Citations
180	An update of the oxidation-inflammation theory of aging: the involvement of the immune system in oxi-inflamm-aging. <i>Current Pharmaceutical Design</i> , 2009 , 15, 3003-26	3.3	302
179	Immune cells: free radicals and antioxidants in sepsis. <i>International Immunopharmacology</i> , 2004 , 4, 327-43	3.8	237
178	Effects of antioxidants on immune system ageing. <i>European Journal of Clinical Nutrition</i> , 2002 , 56 Suppl 3, S5-8	5.2	145
177	Role of free radicals in sepsis: antioxidant therapy. <i>Current Pharmaceutical Design</i> , 2005 , 11, 3141-58	3.3	140
176	Anti-oxidants as modulators of immune function. <i>Immunology and Cell Biology</i> , 2000 , 78, 49-54	5	130
175	Changes in the macrophage function with aging. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985 , 81, 935-8		109
174	The role of oxidative and inflammatory stress and persistent viral infections in immunosenescence. <i>Mechanisms of Ageing and Development</i> , 2016 , 158, 27-37	5.6	97
173	The immune system in the oxidative stress conditions of aging and hypertension: favorable effects of antioxidants and physical exercise. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1356-66	8.4	87
172	Dietary supplementation with antioxidants improves functions and decreases oxidative stress of leukocytes from prematurely aging mice. <i>Nutrition</i> , 2006 , 22, 767-77	4.8	82
171	Impairment of several immune functions in anxious women. <i>Journal of Psychosomatic Research</i> , 2007 , 62, 1-8	4.1	82
170	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, 636-50	5	72
169	Leukocyte function and life span in a murine model of premature immunosenescence. <i>Experimental Gerontology</i> , 2002 , 37, 249-56	4.5	72
168	Increase of oxidation and inflammation in nervous and immune systems with aging and anxiety. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4656-78	3.3	72
167	Vitamin E ingestion improves several immune functions in elderly men and women. <i>Free Radical Research</i> , 2008 , 42, 272-80	4	70
166	A model of premature aging in mice based on altered stress-related behavioral response and immunosenescence. <i>NeuroImmunoModulation</i> , 2007 , 14, 157-62	2.5	66
165	Changes with ageing in several leukocyte functions of male and female rats. <i>Biogerontology</i> , 2004 , 5, 389-400	4.5	65
164	Ovariectomy, a model of menopause in rodents, causes a premature aging of the nervous and immune systems. <i>Journal of Neuroimmunology</i> , 2010 , 219, 90-9	3.5	64

163	Neutrophils of centenarians show function levels similar to those of young adults. <i>Journal of the American Geriatrics Society</i> , 2008 , 56, 2244-51	5.6	64
162	Gender-specific neuroimmunoendocrine aging in a triple-transgenic 3xTg-AD mouse model for Alzheimer's disease and its relation with longevity. <i>NeuroImmunoModulation</i> , 2008 , 15, 331-43	2.5	64
161	Immune function parameters as markers of biological age and predictors of longevity. <i>Aging</i> , 2016 , 8, 3110-3119	5.6	64
160	Role of the immune system in aging and longevity. <i>Current Aging Science</i> , 2011 , 4, 78-100	2.2	62
159	Improvement of leukocyte functions in prematurely aging mice after five weeks of diet supplementation with polyphenol-rich cereals. <i>Nutrition</i> , 2006 , 22, 913-21	4.8	61
158	Changes with aging in the modulation by neuropeptide Y of murine peritoneal macrophage functions. <i>Journal of Neuroimmunology</i> , 2001 , 116, 156-67	3.5	61
157	Environmental enrichment improves age-related immune system impairment: long-term exposure since adulthood increases life span in mice. <i>Rejuvenation Research</i> , 2010 , 13, 415-28	2.6	59
156	Role of macrophages in age-related oxidative stress and lipofuscin accumulation in mice. <i>Redox Biology</i> , 2017 , 12, 423-437	11.3	57
155	An impairment of phagocytic function is linked to a shorter life span in two strains of prematurely aging mice. <i>Developmental and Comparative Immunology</i> , 2003 , 27, 339-50	3.2	56
154	Modulation of neuropeptide Y and norepinephrine on several leucocyte functions in adult, old and very old mice. <i>Journal of Neuroimmunology</i> , 2005 , 165, 33-40	3.5	56
153	Effects of growth hormone, melatonin, oestrogens and phytoestrogens on the oxidized glutathione (GSSG)/reduced glutathione (GSH) ratio and lipid peroxidation in aged ovariectomized rats. <i>Biogerontology</i> , 2010 , 11, 687-701	4.5	55
152	Bombesin, gastrin-releasing peptide, and neuromedin C modulate murine lymphocyte proliferation through adherent accessory cells and activate protein kinase C. <i>Peptides</i> , 1994 , 15, 15-22	3.8	55
151	Oxidative stress in leukocytes from young prematurely aging mice is reversed by supplementation with biscuits rich in antioxidants. <i>Developmental and Comparative Immunology</i> , 2006 , 30, 1168-80	3.2	53
150	Effects of age, sex and physical exercise on the phagocytic process of murine peritoneal macrophages. <i>Acta Physiologica Scandinavica</i> , 1999 , 166, 47-53		52
149	Role of neuroimmunomodulation in aging. <i>NeuroImmunoModulation</i> , 2008 , 15, 213-23	2.5	50
148	Relation of behaviour and macrophage function to life span in a murine model of premature immunosenescence. <i>Behavioural Brain Research</i> , 2002 , 134, 41-8	3.4	50
147	Effects in vitro of several antioxidants on the natural killer function of aging mice. <i>Experimental Gerontology</i> , 1999 , 34, 675-85	4.5	50
146	The role of Hsp70 in oxi-inflamm-aging and its use as a potential biomarker of lifespan. <i>Biogerontology</i> , 2015 , 16, 709-21	4.5	49

145	Strategies to improve the functions and redox state of the immune system in aged subjects. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3966-93	3.3	48
144	The glutathione precursor N-acetylcysteine improves immune function in postmenopausal women. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 1252-62	7.8	48
143	Diet supplementation for 5 weeks with polyphenol-rich cereals improves several functions and the redox state of mouse leucocytes. <i>European Journal of Nutrition</i> , 2006 , 45, 428-38	5.2	48
142	Regulation of phagocytic process of macrophages by noradrenaline and its end metabolite 4-hydroxy-3-metoxyphe-nyl-glycol. Role of alpha- and beta-adrenoreceptors. <i>Molecular and Cellular Biochemistry</i> , 2003 , 254, 299-304	4.2	47
141	Effect of aging on the modulation of macrophage functions by neuropeptides. <i>Life Sciences</i> , 2000 , 67, 2125-35	6.8	47
140	Neuroimmunomodulation during exercise: role of catecholamines as stress mediator and/or danger signal for the innate immune response. <i>NeuroImmunoModulation</i> , 2007 , 14, 206-12	2.5	44
139	Human Aging Is a Metabolome-related Matter of Gender. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 578-85	6.4	43
138	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 , 65, 941-50	6.4	41
137	Age-related changes in the neuropeptide Y effects on murine lymphoproliferation and interleukin-2 production. <i>Peptides</i> , 2000 , 21, 1403-9	3.8	41
136	Ascorbic acid and N-acetylcysteine improve in vitro the function of lymphocytes from mice with endotoxin-induced oxidative stress. <i>Free Radical Research</i> , 2001 , 35, 73-84	4	40
135	Modulation of adherence and chemotaxis of macrophages by norepinephrine. Influence of ageing. <i>Molecular and Cellular Biochemistry</i> , 2000 , 203, 113-7	4.2	40
134	Cell mediated immunity in ageing. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1991 , 99, 1-4		40
133	Enhancement of leukocyte functions in aged mice supplemented with the antioxidant thioproline. <i>Mechanisms of Ageing and Development</i> , 1998 , 104, 213-25	5.6	39
132	Preserved ex vivo inflammatory status and cytokine responses in naturally long-lived mice. <i>Age</i> , 2010 , 32, 451-66		36
131	Changes in macrophage and lymphocyte functions in guinea-pigs after different amounts of vitamin E ingestion. <i>British Journal of Nutrition</i> , 2000 , 84, 25-29	3.6	35
130	The effect of psychological stress and social isolation on neuroimmunoendocrine communication. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4608-28	3.3	35
129	Behavioral characterization of a mouse model of premature immunosenescence. <i>Journal of Neuroimmunology</i> , 2001 , 114, 80-8	3.5	34
128	Changes with ageing in the modulation of murine lymphocyte chemotaxis by CCK-8S, GRP and NPY. <i>Mechanisms of Ageing and Development</i> , 1998 , 102, 249-61	5.6	33

127	The amount of thiolic antioxidant ingestion needed to improve several immune functions is higher in aged than in adult mice. <i>Free Radical Research</i> , 2002 , 36, 119-26	4	33
126	Peripheral immune system and neuroimmune communication impairment in a mouse model of Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1262, 74-84	6.5	32
125	Relation between exploratory activity and immune function in aged mice: a preliminary study. <i>Mechanisms of Ageing and Development</i> , 1998 , 102, 263-77	5.6	32
124	The aged-related increase in xanthine oxidase expression and activity in several tissues from mice is not shown in long-lived animals. <i>Biogerontology</i> , 2011 , 12, 551-64	4.5	31
123	Effect of environmental enrichment on the immunoendocrine aging of male and female triple-transgenic 3xTg-AD mice for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 25, 727-37	4.3	30
122	Characterization of monoaminergic systems in brain regions of prematurely ageing mice. <i>Neurochemistry International</i> , 2003 , 43, 165-72	4.4	30
121	Impairment of Several Immune Functions and Redox State in Blood Cells of Alzheimer's Disease Patients. Relevant Role of Neutrophils in Oxidative Stress. <i>Frontiers in Immunology</i> , 2017 , 8, 1974	8.4	29
120	Changes in the phagocytic function of peritoneal macrophages from old mice after strenuous physical exercise. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1990 , 13, 189-98	2.6	29
119	Frailty Quantified by the "Valencia Score" as a Potential Predictor of Lifespan in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1323-1329	6.4	28
118	Improvement of leukocyte functions in young prematurely aging mice after a 5-week ingestion of a diet supplemented with biscuits enriched in antioxidants. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1203-10	8.4	28
117	Protective effect of xanthohumol against age-related brain damage. <i>Journal of Nutritional Biochemistry</i> , 2017 , 49, 133-140	6.3	27
116	Effect of a diet supplemented with thioproline on murine macrophage function in a model of premature ageing. <i>BioFactors</i> , 1999 , 10, 195-200	6.1	27
115	Age-related changes in xanthine oxidase activity and lipid peroxidation, as well as in the correlation between both parameters, in plasma and several organs from female mice. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 551-8	5	25
114	Effects of N-acetylcysteine on macrophage and lymphocyte functions in a mouse model of premature ageing. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 73, 797-804	3.9	25
113	Changes with aging in the modulation of macrophages by norepinephrine. <i>Mechanisms of Ageing and Development</i> , 2000 , 118, 103-14	5.6	25
112	A diet supplemented with thiolic anti-oxidants improves leucocyte function in two strains of prematurely ageing mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 1009-14	3	24
111	The NPY effects on murine leukocyte adherence and chemotaxis change with age. Adherent cell implication. <i>Regulatory Peptides</i> , 2000 , 95, 35-45		24
110	Neuropeptide Y effects on murine natural killer activity: changes with ageing and cAMP involvement. <i>Regulatory Peptides</i> , 2001 , 101, 73-9		24

109	Impaired immune function in a homeless population with stress-related disorders. <i>NeuroImmunoModulation</i> , 2009 , 16, 251-60	2.5	23
108	Early maternal deprivation in rats: a proposed animal model for the study of developmental neuroimmunoendocrine interactions. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1153, 176-83	6.5	23
107	Stimulation by the antioxidant thioproline of the lymphocyte functions of old mice. <i>Mechanisms of Ageing and Development</i> , 1993 , 68, 27-36	5.6	23
106	Impaired Immune Response in Old Mice Suffering from Obesity and Premature Immunosenescence in Adulthood. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 983-91	6.4	22
105	Modulation of human neutrophil function in vitro by gastrin. <i>Journal of Endocrinology</i> , 1997 , 153, 475-83	4.7	22
104	Behavioral, endocrine and immunological characteristics of a murine model of premature aging. <i>Developmental and Comparative Immunology</i> , 2005 , 29, 965-76	3.2	22
103	Improvement of leucocyte functions in ovariectomised aged rats after treatment with growth hormone, melatonin, oestrogens or phyto-oestrogens. <i>Journal of Reproductive Immunology</i> , 2009 , 80, 70-9	4.2	21
102	Oxidative-Inflammatory Stress in Immune Cells from Adult Mice with Premature Aging. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	20
101	Soybean and green tea polyphenols improve immune function and redox status in very old ovariectomized mice. <i>Rejuvenation Research</i> , 2010 , 13, 665-74	2.6	20
100	Ageing Modulates some Aspects of the Non-Specific Immune Response of Murine Macrophages and Lymphocytes. <i>Experimental Physiology</i> , 2000 , 85, 519-525	2.4	20
99	Chronobiology of the neuroimmunoendocrine system and aging. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4642-55	3.3	20
98	Ageing Modulates some Aspects of the Non-Specific Immune Response of Murine Macrophages and Lymphocytes 2000 , 85, 519		20
97	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, 227-38	4.5	19
96	Obesity as a Model of Premature Immunosenescence. <i>Current Immunology Reviews</i> , 2012 , 8, 63-75	1.3	19
95	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	6.5	19
94	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, 543-52	6.5	19
93	Models of aging of neuroimmunomodulation: strategies for its improvement. <i>NeuroImmunoModulation</i> , 2010 , 17, 213-6	2.5	18
92	Improvement of murine immune functions in vitro by thioproline. <i>Immunopharmacology</i> , 1999 , 44, 281-91		18

91	Changes with age in peritoneal macrophage functions. Implication of leukocytes in the oxidative stress of senescence. <i>Cellular and Molecular Biology</i> , 2004 , 50 Online Pub, OL683-90	1.1	18
90	Lifelong treatment with atenolol decreases membrane fatty acid unsaturation and oxidative stress in heart and skeletal muscle mitochondria and improves immunity and behavior, without changing mice longevity. <i>Aging Cell</i> , 2014 , 13, 551-60	9.9	17
89	Murine models of premature ageing for the study of diet-induced immune changes: improvement of leucocyte functions in two strains of old prematurely ageing mice by dietary supplementation with sulphur-containing antioxidants. <i>Proceedings of the Nutrition Society</i> , 2010 , 69, 651-9	2.9	17
88	Thiolic antioxidant supplementation of the diet reverses age-related behavioural dysfunction in prematurely ageing mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 80, 45-51	3.9	17
87	Salivary lactoferrin as biomarker for Alzheimer's disease: Brain-immunity interactions. <i>Alzheimer's and Dementia</i> , 2020 , 16, 1196-1204	1.2	16
86	Survival Curves and Behavioral Profiles of Female 3xTg-AD Mice Surviving to 18-Months of Age as Compared to Mice with Normal Aging. <i>Journal of Alzheimer's Disease Reports</i> , 2017 , 1, 47-57	3.3	16
85	Parathyroid hormone-related protein exhibits antioxidant features in osteoblastic cells through its N-terminal and osteostatin domains. <i>Bone and Joint Research</i> , 2018 , 7, 58-68	4.2	16
84	Immune dysfunction and increased oxidative stress state in diet-induced obese mice are reverted by nutritional supplementation with monounsaturated and n-3 polyunsaturated fatty acids. <i>European Journal of Nutrition</i> , 2018 , 57, 1123-1135	5.2	16
83	Changes in the antioxidant content of mononuclear leukocytes from mice with endotoxin-induced oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2002 , 229, 107-11	4.2	16
82	Crosstalk between behavior and immune system during the prodromal stages of Alzheimer's disease. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4723-32	3.3	16
81	Protein Carbamylation: A Marker Reflecting Increased Age-Related Cell Oxidation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
80	Function and redox state of peritoneal leukocytes as preclinical and prodromic markers in a longitudinal study of triple-transgenic mice for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 43, 213-26	4.3	15
79	Exceptionally old mice are highly resistant to lipoxidation-derived molecular damage. <i>Age</i> , 2013 , 35, 621-35		15
78	A higher anxiety state in old rats after social isolation is associated to an impairment of the immune response. <i>Journal of Neuroimmunology</i> , 2014 , 277, 18-25	3.5	15
77	Effects of physical exercise and aging on ascorbic acid and superoxide anion levels in peritoneal macrophages from mice and guinea pigs. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1995 , 165, 315-9	2.2	15
76	Effect of physical exercise on the phagocytic function of peritoneal macrophages from Swiss mice. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1993 , 16, 29-37	2.6	15
75	Redox Parameters as Markers of the Rate of Aging and Predictors of Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 613-620	6.4	14
74	Changes in the ascorbic acid levels of peritoneal lymphocytes and macrophages of mice with endotoxin-induced oxidative stress. <i>Free Radical Research</i> , 2001 , 35, 907-16	4	13

73	An Appropriate Modulation of Lymphoproliferative Response and Cytokine Release as Possible Contributors to Longevity. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	12
72	Parathyroid Hormone-Related Protein Protects Osteoblastic Cells From Oxidative Stress by Activation of MKP1 Phosphatase. <i>Journal of Cellular Physiology</i> , 2017 , 232, 785-796	7	12
71	Effect of growth hormone treatment on lymphocyte functions in old male rats. <i>NeuroImmunoModulation</i> , 2008 , 15, 279-84	2.5	12
70	Enzymes of mannose metabolism in murine and human lymphocytic leukaemia. <i>British Journal of Cancer</i> , 1988 , 58, 567-9	8.7	12
69	Hsp70 basal levels, a tissue marker of the rate of aging and longevity in mice. <i>Experimental Gerontology</i> , 2016 , 84, 21-28	4.5	12
68	Xanthohumol exerts protective effects in liver alterations associated with aging. <i>European Journal of Nutrition</i> , 2019 , 58, 653-663	5.2	12
67	Stimulation of phagocytic processes and antibody-dependent cellular cytotoxicity of human neutrophils by cefmetazole. <i>Microbiology and Immunology</i> , 1991 , 35, 545-56	2.7	11
66	Oxidative stress and immunosenescence in spleen of obese mice can be reversed by 2-hydroxyoleic acid. <i>Experimental Physiology</i> , 2017 , 102, 533-544	2.4	10
65	Altered Redox State in Whole Blood Cells from Patients with Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019 , 71, 153-163	4.3	10
64	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, 475-82	4.5	10
63	Modulation of superoxide anion levels of macrophages from young-adult and old mice by the norepinephrine metabolite, 4-hydroxy-3-methoxyphenyl-glycol. <i>Experimental Gerontology</i> , 2002 , 37, 395-400	4.5	10
62	Macrophage and lymphocyte antibody-dependent cellular cytotoxicity in spontaneous leukemogenesis of AKR/J mice. <i>Tumor Biology</i> , 1989 , 10, 310-5	2.9	10
61	Lymphoproliferation Impairment and Oxidative Stress in Blood Cells from Early Parkinson's Disease Patients. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
60	Improvements in Behavior and Immune Function and Increased Life Span of Old Mice Cohabiting With Adult Animals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 873-881	6.4	9
59	Premature aging in behavior and immune functions in tyrosine hydroxylase haploinsufficient female mice. A longitudinal study. <i>Brain, Behavior, and Immunity</i> , 2018 , 69, 440-455	16.6	9
58	Adverse Effects of Diabetes Mellitus on the Skeleton of Aging Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 290-9	6.4	9
57	Function, Oxidative, and Inflammatory Stress Parameters in Immune Cells as Predictive Markers of Lifespan throughout Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4574276	6.7	9
56	Oxidation and Inflammation in the Immune and Nervous Systems, a Link Between Aging and Anxiety 2018 , 1-31		9

55	Improvement of Redox State and Functions of Immune Cells as Well as of Behavioral Response in Aged Mice After Two-Week Supplementation of Fermented Milk with Probiotics. <i>Current Microbiology</i> , 2019 , 76, 1278-1289	2.4	8
54	Impacts of the late adulthood diet-induced obesity onset on behavior, immune function, redox state and life span of male and female mice. <i>Brain, Behavior, and Immunity</i> , 2019 , 78, 65-77	16.6	8
53	Premature impairment of methylation pathway and cardiac metabolic dysfunction in fa/fa obese Zucker rats. <i>Journal of Proteome Research</i> , 2013 , 12, 1935-45	5.6	8
52	Improvement of leucocyte functions in mature and old mice after 15 and 30 weeks of diet supplementation with polyphenol-rich biscuits. <i>European Journal of Nutrition</i> , 2011 , 50, 563-73	5.2	8
51	Vitamin C and vitamin C plus E improve the immune function in the elderly. <i>Experimental Gerontology</i> , 2020 , 142, 111118	4.5	8
50	High perceived stress in women is linked to oxidation, inflammation and immunosenescence. <i>Biogerontology</i> , 2019 , 20, 823-835	4.5	7
49	When will my mouse die? Life span prediction based on immune function, redox and behavioural parameters in female mice at the adult age. <i>Mechanisms of Ageing and Development</i> , 2019 , 182, 111125	5.6	7
48	Characterization of skeletal alterations in a model of prematurely aging mice. <i>Age</i> , 2013 , 35, 383-93		7
47	Effect of migratory cycle and 17beta-estradiol on splenic leukocyte functions in female black-headed gulls. <i>Pflugers Archiv European Journal of Physiology</i> , 2003 , 445, 659-64	4.6	7
46	Effects of thiotic antioxidants on in vitro mouse peritoneal macrophage functions. <i>Comparative Clinical Pathology</i> , 2005 , 13, 176-181	0.9	7
45	The Immune System, a Marker and Modulator of the Rate of Aging 2014 , 3-23		7
44	Sulfur-containing antioxidants increase in vitro several functions of lymphocytes from mice. <i>International Immunopharmacology</i> , 2011 , 11, 661-9	5.8	6
43	Improvement of the interleukin 2 and tumour necrosis factor Γ 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	0.6	6
42	The Immunity Clock. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 1939-1945	6.4	6
41	Single-cell biophysical study reveals deformability and internal ordering relationship in T cells. <i>Soft Matter</i> , 2020 , 16, 5669-5678	3.6	5
40	Changes in several functions of murine peritoneal macrophages by N-acetylcysteine and thioproline ingestion. Comparative effect between two strains of mice. <i>BioFactors</i> , 1999 , 10, 179-85	6.1	5
39	Administration of a leptin antagonist during the neonatal leptin surge induces alterations in the redox and inflammatory state in peripubertal /adolescent rats. <i>Molecular and Cellular Endocrinology</i> , 2017 , 454, 125-134	4.4	4
38	The ratio of prematurely aging to non-prematurely aging mice cohabiting, conditions their behavior, immunity and lifespan. <i>Journal of Neuroimmunology</i> , 2020 , 343, 577240	3.5	4

37	Role of the immune system in aging. <i>Inmunologia (Barcelona, Spain: 1987)</i> , 2008 , 27, 176-191		4
36	Daily ingestion of <i>Akkermansia muciniphila</i> for one month promotes healthy aging and increases lifespan in old female mice. <i>Biogerontology</i> , 2021 , 1	4.5	4
35	The Role of Immune Cells in Oxi-Inflamm-Aging. <i>Cells</i> , 2021 , 10,	7.9	4
34	The Role of the Microbiota-Gut-Brain Axis in the Health and Illness Condition: A Focus on Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021 , 81, 1345-1360	4.3	4
33	2-OHOA supplementation reduced adiposity and improved cardiometabolic risk to a greater extent than n-3 PUFA in obese mice. <i>Obesity Research and Clinical Practice</i> , 2019 , 13, 579-585	5.4	4
32	Social environment improves immune function and redox state in several organs from prematurely aging female mice and increases their lifespan. <i>Biogerontology</i> , 2019 , 20, 49-69	4.5	4
31	Immune Function, Oxidative, and Inflammatory Markers in Centenarians as Potential Predictors of Survival and Indicators of Recovery After Hospital Admission. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1827-1833	6.4	4
30	Stress-related Behavioural Responses, Immunity and Ageing in Animal Models 2013 , 125-144		4
29	Changes in macrophage and lymphocyte functions in guinea-pigs after different amounts of vitamin E ingestion. <i>British Journal of Nutrition</i> , 2000 , 84, 25-9	3.6	4
28	Mortality of septic old and adult male mice correlates with individual differences in premorbid behavioral phenotype and acute-phase sickness behavior. <i>Experimental Gerontology</i> , 2019 , 127, 110717	4.5	3
27	The antioxidant N-acetylcysteine in vitro improves several functions of peritoneal leucocytes from old mice approaching their values to those of adult animals. <i>Journal of Applied Biomedicine</i> , 2012 , 10, 79-90	0.6	3
26	Changes in lymphocyte subsets and functions in spleen from mice with high fat diet-induced obesity. <i>Proceedings of the Nutrition Society</i> , 2013 , 72,	2.9	3
25	The supplementations with 2-hydroxyoleic acid and n-3 polyunsaturated fatty acids revert oxidative stress in various organs of diet-induced obese mice. <i>Free Radical Research</i> , 2020 , 54, 455-466	4	3
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