

Daniela Monti

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1749812/daniela-monti-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

209
papers

16,295
citations

67
h-index

123
g-index

220
ext. papers

18,464
ext. citations

5.3
avg, IF

6
L-index

#	Paper	IF	Citations
209	Inflammaging and anti-inflammaging: a systemic perspective on aging and longevity emerged from studies in humans. <i>Mechanisms of Ageing and Development</i> , 2007 , 128, 92-105	5.6	1433
208	Through ageing, and beyond: gut microbiota and inflammatory status in seniors and centenarians. <i>PLoS ONE</i> , 2010 , 5, e10667	3.7	851
207	Increased cytokine production in mononuclear cells of healthy elderly people. <i>European Journal of Immunology</i> , 1993 , 23, 2375-8	6.1	517
206	The immunology of exceptional individuals: the lesson of centenarians. <i>Trends in Immunology</i> , 1995 , 16, 12-6		457
205	Gut Microbiota and Extreme Longevity. <i>Current Biology</i> , 2016 , 26, 1480-5	6.3	402
204	Mitochondrial DNA inherited variants are associated with successful aging and longevity in humans. <i>FASEB Journal</i> , 1999 , 13, 1532-6	0.9	324
203	Inflamm-aging and lifelong antigenic load as major determinants of ageing rate and longevity. <i>FEBS Letters</i> , 2005 , 579, 2035-9	3.8	323
202	The Continuum of Aging and Age-Related Diseases: Common Mechanisms but Different Rates. <i>Frontiers in Medicine</i> , 2018 , 5, 61	4.9	319
201	The immune system in extreme longevity. <i>Experimental Gerontology</i> , 2008 , 43, 61-5	4.5	303
200	Inflammation markers predicting frailty and mortality in the elderly. <i>Experimental and Molecular Pathology</i> , 2006 , 80, 219-27	4.4	266
199	A gender-dependent genetic predisposition to produce high levels of IL-6 is detrimental for longevity. <i>European Journal of Immunology</i> , 2001 , 31, 2357-2361	6.1	262
198	Protective effect of N-acetylcysteine in tumor necrosis factor-alpha-induced apoptosis in U937 cells: the role of mitochondria. <i>Experimental Cell Research</i> , 1995 , 220, 232-40	4.2	259
197	The network and the remodeling theories of aging: historical background and new perspectives. <i>Experimental Gerontology</i> , 2000 , 35, 879-96	4.5	256
196	Inflamm-aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 14-20	3.8	215
195	Circulating mitochondrial DNA increases with age and is a familiar trait: Implications for "inflamm-aging". <i>European Journal of Immunology</i> , 2014 , 44, 1552-62	6.1	214
194	Plasma antioxidants and longevity: a study on healthy centenarians. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 1243-8	7.8	212
193	Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. <i>Aging</i> , 2015 , 7, 1159-70	5.6	211

192	CD45 isoforms expression on CD4+ and CD8+ T cells throughout life, from newborns to centenarians: implications for T cell memory. <i>Mechanisms of Ageing and Development</i> , 1996 , 86, 173-95	5.6	206
191	Thyroid and other organ-specific autoantibodies in healthy centenarians. <i>Lancet, The</i> , 1992 , 339, 1506-8	4.0	200
190	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. <i>Mechanisms of Ageing and Development</i> , 2012 , 133, 675-85	5.6	189
189	Genes involved in immune response/inflammation, IGF1/insulin pathway and response to oxidative stress play a major role in the genetics of human longevity: the lesson of centenarians. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 351-61	5.6	175
188	Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. <i>Free Radical Biology and Medicine</i> , 2018 , 115, 80-91	7.8	173
187	Inflamm-aging, cytokines and aging: state of the art, new hypotheses on the role of mitochondria and new perspectives from systems biology. <i>Current Pharmaceutical Design</i> , 2006 , 12, 3161-71	3.3	172
186	Mitochondrial modifications during rat thymocyte apoptosis: a study at the single cell level. <i>Experimental Cell Research</i> , 1994 , 214, 323-30	4.2	172
185	Metabolic signatures of extreme longevity in northern Italian centenarians reveal a complex remodeling of lipids, amino acids, and gut microbiota metabolism. <i>PLoS ONE</i> , 2013 , 8, e56564	3.7	148
184	Role of epigenetics in human aging and longevity: genome-wide DNA methylation profile in centenarians and centenarians' offspring. <i>Age</i> , 2013 , 35, 1961-73		146
183	Lipoprotein(a) and lipoprotein profile in healthy centenarians: a reappraisal of vascular risk factors. <i>FASEB Journal</i> , 1998 , 12, 433-7	0.9	145
182	Immunosenescence and immunogenetics of human longevity. <i>NeuroImmunoModulation</i> , 2008 , 15, 224-40	0.5	139
181	Massive load of functional effector CD4+ and CD8+ T cells against cytomegalovirus in very old subjects. <i>Journal of Immunology</i> , 2007 , 179, 4283-91	5.3	136
180	Complex alteration of thyroid function in healthy centenarians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1130-4	5.6	136
179	Gender, aging and longevity in humans: an update of an intriguing/neglected scenario paving the way to a gender-specific medicine. <i>Clinical Science</i> , 2016 , 130, 1711-25	6.5	134
178	Immunobiography and the Heterogeneity of Immune Responses in the Elderly: A Focus on Inflammaging and Trained Immunity. <i>Frontiers in Immunology</i> , 2017 , 8, 982	8.4	125
177	Apoptosis, DNA damage and ubiquitin expression in normal and mdx muscle fibers after exercise. <i>FEBS Letters</i> , 1995 , 373, 291-5	3.8	123
176	Immune system, cell senescence, aging and longevity--inflamm-aging reappraised. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1675-9	3.3	123
175	Changes in circulating B cells and immunoglobulin classes and subclasses in a healthy aged population. <i>Clinical and Experimental Immunology</i> , 1992 , 90, 351-4	6.2	117

174	Extremely low frequency pulsed electromagnetic fields increase cell proliferation in lymphocytes from young and aged subjects. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 160, 692-8	3.4	117
173	Chemokines, sTNF-Rs and sCD30 serum levels in healthy aged people and centenarians. <i>Mechanisms of Ageing and Development</i> , 2000 , 121, 37-46	5.6	116
172	Complex alteration of thyroid function in healthy centenarians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1130-1134	5.6	107
171	The genetics of human longevity. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 252-63	6.5	102
170	Cytometric analysis of immunosenescence. <i>Cytometry</i> , 1997 , 27, 297-313		101
169	Age-dependent modifications of Type 1 and Type 2 cytokines within virgin and memory CD4+ T cells in humans. <i>Mechanisms of Ageing and Development</i> , 2006 , 127, 560-6	5.6	101
168	Do men and women follow different trajectories to reach extreme longevity? Italian Multicenter Study on Centenarians (IMUSCE). <i>Aging Clinical and Experimental Research</i> , 2000 , 12, 77-84	4.8	99
167	Inflammaging and human longevity in the omics era. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 129-138	5.6	97
166	C60 carboxyfullerene exerts a protective activity against oxidative stress-induced apoptosis in human peripheral blood mononuclear cells. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 277, 711-7	3.4	96
165	Extremely low frequency pulsed electromagnetic fields increase interleukin-2 (IL-2) utilization and IL-2 receptor expression in mitogen-stimulated human lymphocytes from old subjects. <i>FEBS Letters</i> , 1989 , 248, 141-4	3.8	96
164	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1675-1679	3.3	95
163	Serum profiling of healthy aging identifies phospho- and sphingolipid species as markers of human longevity. <i>Aging</i> , 2014 , 6, 9-25	5.6	91
162	Telomere length in fibroblasts and blood cells from healthy centenarians. <i>Experimental Cell Research</i> , 1999 , 248, 234-42	4.2	90
161	Long-term immune-endocrine effects of bereavement: relationships with anxiety levels and mood. <i>Psychiatry Research</i> , 2003 , 121, 145-58	9.9	89
160	Inhibition of apoptosis by zinc: a reappraisal. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 187, 1256-61	3.4	89
159	Vitamin E-gene interactions in aging and inflammatory age-related diseases: implications for treatment. A systematic review. <i>Ageing Research Reviews</i> , 2014 , 14, 81-101	12	87
158	Genome-Wide Scan Informed by Age-Related Disease Identifies Loci for Exceptional Human Longevity. <i>PLoS Genetics</i> , 2015 , 11, e1005728	6	86
157	In vivo accumulation of sulfated glycoprotein 2 mRNA in rat thymocytes upon dexamethasone-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 175, 810-5	3.4	84

156	Human Aging and Longevity Are Characterized by High Levels of Mitokines. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 600-607	6.4	81
155	C3-fullero-tris-methanodicarboxylic acid protects cerebellar granule cells from apoptosis. <i>Journal of Neurochemistry</i> , 2000 , 74, 1197-204	6	80
154	Zinc status, psychological and nutritional assessment in old people recruited in five European countries: Zincage study. <i>Biogerontology</i> , 2006 , 7, 339-45	4.5	78
153	Long-term immunologic effects of thymectomy in patients with myasthenia gravis. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 103, 865-72	11.5	78
152	Mitochondria, aging and longevity--a new perspective. <i>FEBS Letters</i> , 2001 , 492, 9-13	3.8	77
151	Exposure to low frequency pulsed electromagnetic fields increases interleukin-1 and interleukin-6 production by human peripheral blood mononuclear cells. <i>Experimental Cell Research</i> , 1993 , 204, 385-7	4.2	77
150	Cytotoxicity and immunocyte markers in cells from the freshwater snail <i>Planorbarius corneus</i> (L.) (Gastropoda pulmonata): implications for the evolution of natural killer cells. <i>European Journal of Immunology</i> , 1991 , 21, 489-93	6.1	72
149	The different apoptotic potential of the p53 codon 72 alleles increases with age and modulates in vivo ischaemia-induced cell death. <i>Cell Death and Differentiation</i> , 2004 , 11, 962-73	12.7	71
148	Presence of ACTH and beta-endorphin immunoreactive molecules in the freshwater snail <i>Planorbarius corneus</i> (L.) (Gastropoda, Pulmonata) and their possible role in phagocytosis. <i>Regulatory Peptides</i> , 1990 , 27, 1-9		70
147	Apoptosis by 2-chloro-2'-deoxy-adenosine and 2-chloro-adenosine in human peripheral blood mononuclear cells. <i>Neurochemistry International</i> , 1998 , 32, 493-504	4.4	69
146	Apoptosis--programmed cell death: a role in the aging process?. <i>American Journal of Clinical Nutrition</i> , 1992 , 55, 1208S-1214S	7	68
145	Immunoproteasomes and immunosenescence. <i>Ageing Research Reviews</i> , 2003 , 2, 419-32	12	67
144	The highly reducing sugar 2-deoxy-D-ribose induces apoptosis in human fibroblasts by reduced glutathione depletion and cytoskeletal disruption. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 243, 416-25	3.4	67
143	Intense antiextracellular adaptive immune response to human cytomegalovirus in very old subjects with impaired health and cognitive and functional status. <i>Journal of Immunology</i> , 2010 , 184, 3242-9	5.3	66
142	Polymorphisms in MT1a gene coding region are associated with longevity in Italian Central female population. <i>Biogerontology</i> , 2006 , 7, 357-65	4.5	66
141	Systems biology and longevity: an emerging approach to identify innovative anti-aging targets and strategies. <i>Current Pharmaceutical Design</i> , 2010 , 16, 802-13	3.3	64
140	Decreased susceptibility to oxidative stress-induced apoptosis of peripheral blood mononuclear cells from healthy elderly and centenarians. <i>Mechanisms of Ageing and Development</i> , 2000 , 121, 239-50	5.6	63
139	Low circulating IGF-I bioactivity is associated with human longevity: findings in centenarians' offspring. <i>Ageing</i> , 2012 , 4, 580-9	5.6	63

138	The genetics of human longevity: an intricacy of genes, environment, culture and microbiome. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 147-155	5.6	61
137	Genomic instability and aging. Studies in centenarians (successful aging) and in patients with Down's syndrome (accelerated aging). <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 4-16	6.5	61
136	Hormetic approaches to the treatment of Parkinson's disease: Perspectives and possibilities. <i>Journal of Neuroscience Research</i> , 2018 , 96, 1641-1662	4.4	60
135	Zinc deficiency and IL-6 -174G/C polymorphism in old people from different European countries: effect of zinc supplementation. ZINCAGE study. <i>Experimental Gerontology</i> , 2008 , 43, 433-44	4.5	60
134	What studies on human longevity tell us about the risk for cancer in the oldest old: data and hypotheses on the genetics and immunology of centenarians. <i>Experimental Gerontology</i> , 2002 , 37, 1263-71	4.5	60
133	DNA multiallelic systems reveal gene/longevity associations not detected by diallelic systems. The APOB locus. <i>Human Genetics</i> , 1997 , 99, 312-8	6.3	59
132	Effects of zinc supplementation on antioxidant enzyme activities in healthy old subjects. <i>Experimental Gerontology</i> , 2008 , 43, 445-51	4.5	59
131	Carboxyfullerenes protect human keratinocytes from ultraviolet-B-induced apoptosis. <i>Journal of Investigative Dermatology</i> , 2000 , 115, 835-41	4.3	58
130	Immunosenescence in humans: deterioration or remodelling?. <i>International Reviews of Immunology</i> , 1995 , 12, 57-74	4.6	58
129	The frequency of Klotho KL-VS polymorphism in a large Italian population, from young subjects to centenarians, suggests the presence of specific time windows for its effect. <i>Biogerontology</i> , 2010 , 11, 67-73	4.5	57
128	D-ribose and deoxy-D-ribose induce apoptosis in human quiescent peripheral blood mononuclear cells. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 201, 1109-16	3.4	57
127	Studies of the relationship between cell proliferation and cell death. II. Early gene expression during concanavalin A-induced proliferation or dexamethasone-induced apoptosis of rat thymocytes. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 188, 1261-6	3.4	57
126	Age-related modifications in circulating IL-15 levels in humans. <i>Mediators of Inflammation</i> , 2005 , 2005, 245-7	4.3	56
125	Mitochondrial DNA involvement in human longevity. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006 , 1757, 1388-99	4.6	55
124	Sendai virus and herpes virus type 1 induce apoptosis in human peripheral blood mononuclear cells. <i>Experimental Cell Research</i> , 1995 , 218, 63-70	4.2	55
123	T lymphocyte proliferative capability to defined stimuli and costimulatory CD28 pathway is not impaired in healthy centenarians. <i>Mechanisms of Ageing and Development</i> , 1997 , 96, 127-36	5.6	54
122	Chronic antigenic load and apoptosis in immunosenescence. <i>Trends in Immunology</i> , 2005 , 26, 79-84	14.4	54
121	Complexity of anti-immunosenescence strategies in humans. <i>Artificial Organs</i> , 2006 , 30, 730-42	2.6	54

120	Spontaneous and mitomycin-C-induced micronuclei in human lymphocytes exposed to extremely low frequency pulsed magnetic fields. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 176, 194-200	3.4	53
119	Centenarians as super-controls to assess the biological relevance of genetic risk factors for common age-related diseases: a proof of principle on type 2 diabetes. <i>Aging</i> , 2013 , 5, 373-85	5.6	51
118	Aged-related increase of high sensitive Troponin T and its implication in acute myocardial infarction diagnosis of elderly patients. <i>Mechanisms of Ageing and Development</i> , 2012 , 133, 300-5	5.6	50
117	Micronutrient-gene interactions related to inflammatory/immune response and antioxidant activity in ageing and inflammation. A systematic review. <i>Mechanisms of Ageing and Development</i> , 2014 , 136-137, 29-49	5.6	50
116	Genes, ageing and longevity in humans: problems, advantages and perspectives. <i>Free Radical Research</i> , 2006 , 40, 1303-23	4	49
115	p66(shc) is highly expressed in fibroblasts from centenarians. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 839-44	5.6	49
114	Plasma concentrations of interleukin-1-beta, interleukin-6 and tumor necrosis factor-alpha, and of their soluble receptors and receptor antagonist in anorexia nervosa. <i>Psychiatry Research</i> , 2001 , 103, 107-14	9.9	48
113	The immune system in the elderly: activation-induced and damage-induced apoptosis. <i>Immunologic Research</i> , 2004 , 30, 81-94	4.3	47
112	The Genetic Variability of in Different Human Populations and Its Implications for Longevity. <i>Genes</i> , 2019 , 10,	4.2	46
111	p53 codon 72 alleles influence the response to anticancer drugs in cells from aged people by regulating the cell cycle inhibitor p21WAF1. <i>Cell Cycle</i> , 2005 , 4, 1264-71	4.7	46
110	Increased cytokine production by peripheral blood mononuclear cells from healthy elderly people. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 490-3	6.5	46
109	Human longevity within an evolutionary perspective: the peculiar paradigm of a post-reproductive genetics. <i>Experimental Gerontology</i> , 2008 , 43, 53-60	4.5	45
108	Oxidative DNA damage repair and parp 1 and parp 2 expression in Epstein-Barr virus-immortalized B lymphocyte cells from young subjects, old subjects, and centenarians. <i>Rejuvenation Research</i> , 2007 , 10, 191-204	2.6	45
107	P53 codon 72 polymorphism and longevity: additional data on centenarians from continental Italy and Sardinia. <i>American Journal of Human Genetics</i> , 1999 , 65, 1782-5	11	45
106	Aging, longevity, and cancer: studies in Down's syndrome and centenarians. <i>Annals of the New York Academy of Sciences</i> , 1991 , 621, 428-40	6.5	45
105	Polymorphisms of drug-metabolizing enzymes in healthy nonagenarians and centenarians: difference at GSTT1 locus. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 280, 1389-92	3.4	40
104	Remodelling of biological parameters during human ageing: evidence for complex regulation in longevity and in type 2 diabetes. <i>Age</i> , 2013 , 35, 419-29		39
103	The impact of mitochondrial DNA on human lifespan: a view from studies on centenarians. <i>Biotechnology Journal</i> , 2008 , 3, 740-9	5.6	39

102	p53 variants predisposing to cancer are present in healthy centenarians. <i>American Journal of Human Genetics</i> , 1999 , 64, 292-5	11	37
101	The immune-mobile brain—Evolutionary evidence. <i>Advances in Neuroimmunology</i> , 1991 , 1, 27-39		37
100	Centenarians' offspring as a model of healthy aging: a reappraisal of the data on Italian subjects and a comprehensive overview. <i>Aging</i> , 2016 , 8, 510-9	5.6	37
99	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. <i>MSystems</i> , 2020 , 5,	7.6	36
98	Name and memory CD8 T cell pool homeostasis in advanced aging: impact of age and of antigen-specific responses to cytomegalovirus. <i>Age</i> , 2014 , 36, 625-40		36
97	C3-fullero-tris-methanodicarboxylic acid protects epithelial cells from radiation-induced anoikia by influencing cell adhesion ability. <i>FEBS Letters</i> , 1999 , 454, 335-40	3.8	36
96	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , 2021 , 1, 598-615		36
95	3-Aminobenzamide protects cells from UV-B-induced apoptosis by acting on cytoskeleton and substrate adhesion. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 207, 715-24	3.4	34
94	Age-dependent skewing of X chromosome inactivation appears delayed in centenarians' offspring. Is there a role for allelic imbalance in healthy aging and longevity?. <i>Aging Cell</i> , 2012 , 11, 277-83	9.9	33
93	Anti-beta 2 glycoprotein I antibodies in centenarians. <i>Experimental Gerontology</i> , 2004 , 39, 1459-65	4.5	33
92	p53 codon 72 genotype affects apoptosis by cytosine arabinoside in blood leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 299, 539-41	3.4	33
91	Studies on the relationship between cell proliferation and cell death: opposite patterns of SGP-2 and ornithine decarboxylase mRNA accumulation in PHA-stimulated human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 180, 59-63	3.4	33
90	In vitro and in vivo effects of zinc on cytokine signalling in human T cells. <i>Experimental Gerontology</i> , 2008 , 43, 472-82	4.5	32
89	Zinc, metallothioneins, and longevity—effect of zinc supplementation: zincage study. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1119, 129-46	6.5	32
88	Apoptosis remodeling in immunosenescence: implications for strategies to delay ageing. <i>Current Medicinal Chemistry</i> , 2007 , 14, 1389-97	4.3	32
87	Mediterranean diet and plasma concentration of inflammatory markers in old and very old subjects in the ZINCAGE population study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 990-6	5.9	31
86	Precocious aging of the immune system in Down syndrome: alteration of B lymphocytes, T-lymphocyte subsets, and cells with natural killer markers. <i>American Journal of Medical Genetics Part A</i> , 1990 , 7, 213-8		31
85	Cell death protection by 3-aminobenzamide and other poly(ADP-ribose)polymerase inhibitors: different effects on human natural killer and lymphokine activated killer cell activities. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 199, 525-30	3.4	30

84	ACTH-like molecules in gastropod molluscs: a possible role in ancestral immune response and stress. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1991 , 245, 215-8	4.4	30
83	Neuroinflammation and the genetics of Alzheimer's disease: the search for a pro-inflammatory phenotype. <i>Aging Clinical and Experimental Research</i> , 2001 , 13, 163-70	4.8	28
82	Metabolic syndrome in the offspring of centenarians: focus on prevalence, components, and adipokines. <i>Age</i> , 2013 , 35, 1995-2007		27
81	Heat shock response by EBV-immortalized B-lymphocytes from centenarians and control subjects: a model to study the relevance of stress response in longevity. <i>Experimental Gerontology</i> , 2004 , 39, 83-90	4.5	27
80	Enhanced DNA repair in lymphocytes of Down syndrome patients: the influence of zinc nutritional supplementation. <i>Mutation Research - DNAGing</i> , 1993 , 295, 105-11		27
79	NK cell activity and T-lymphocyte proliferation in healthy centenarians. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 505-7	6.5	27
78	Metallothionein downregulation in very old age: a phenomenon associated with cellular senescence?. <i>Rejuvenation Research</i> , 2008 , 11, 455-9	2.6	26
77	Senescence, immortalization, and apoptosis. An intriguing relationship. <i>Annals of the New York Academy of Sciences</i> , 1992 , 673, 70-82	6.5	26
76	Cell proliferation and cell death in immunosenescence. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 250-61	6.5	26
75	Identification of novel plasma glycosylation-associated markers of aging. <i>Oncotarget</i> , 2016 , 7, 7455-68	3.3	26
74	Centenarians as extreme phenotypes: An ecological perspective to get insight into the relationship between the genetics of longevity and age-associated diseases. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 195-201	5.6	25
73	Immune parameters identify Italian centenarians with a longer five-year survival independent of their health and functional status. <i>Experimental Gerontology</i> , 2014 , 54, 14-20	4.5	25
72	Cognitive status in the oldest old and centenarians: a condition crucial for quality of life methodologically difficult to assess. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 185-194	5.6	24
71	Assessment of gene-nutrient interactions on inflammatory status of the elderly with the use of a zinc diet score--ZINCAGE study. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 526-31	6.3	24
70	Apoptosis-resistant phenotype in HL-60-derived cells HCW-2 is related to changes in expression of stress-induced proteins that impact on redox status and mitochondrial metabolism. <i>Cell Death and Differentiation</i> , 2003 , 10, 163-74	12.7	24
69	Does the longevity of one or both parents influence the health status of their offspring?. <i>Experimental Gerontology</i> , 2013 , 48, 395-400	4.5	23
68	Effect of zinc ions on apoptosis in PBMCs from healthy aged subjects. <i>Biogerontology</i> , 2006 , 7, 437-47	4.5	23
67	Recovery of human lymphocytes damaged with gamma-radiation or enzymatically produced oxygen radicals: different effects of poly(ADP-ribosyl)polymerase inhibitors. <i>International Journal of Radiation Biology</i> , 1990 , 58, 279-91	2.9	23

66	Transmission from centenarians to their offspring of mtDNA heteroplasmy revealed by ultra-deep sequencing. <i>Aging</i> , 2014 , 6, 454-67	5.6	23
65	Immunosenescence and inflammaging in the aging process: age-related diseases or longevity?. <i>Ageing Research Reviews</i> , 2021 , 71, 101422	12	23
64	A cytofluorimetric study of T lymphocyte subsets in rat lymphoid tissues (thymus, lymph nodes) and peripheral blood: a continuous remodelling during the first year of life. <i>Experimental Gerontology</i> , 2000 , 35, 613-25	4.5	22
63	Cytoskeleton alterations of erythrocytes from patients with Fanconi's anemia. <i>FEBS Letters</i> , 2000 , 468, 125-8	3.8	21
62	Age-related increase of mitomycin C-induced micronuclei in lymphocytes from Down's syndrome subjects. <i>Mutation Research - DNAging</i> , 1990 , 237, 247-52		21
61	Age-dependent changes in the susceptibility to apoptosis of peripheral blood CD4+ and CD8+ T lymphocytes with virgin or memory phenotype. <i>Mechanisms of Ageing and Development</i> , 2003 , 124, 409-18	5.6	19
60	The Aging Thyroid: A Reappraisal Within the Geroscience Integrated Perspective. <i>Endocrine Reviews</i> , 2019 , 40, 1250-1270	27.2	18
59	Resistance to apoptosis in Fanconi's anaemia. An ex vivo study in peripheral blood mononuclear cells. <i>FEBS Letters</i> , 1997 , 409, 365-9	3.8	18
58	Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. <i>BMC Biology</i> , 2020 , 18, 51	7.3	18
57	Exposure to 100 Hz pulsed magnetic fields increases micronucleus frequency and cell proliferation in human lymphocytes. <i>Bioelectrochemistry</i> , 1997 , 43, 77-81		17
56	Influence of f-MLP, ACTH(1-24) and CRH on in vitro chemotaxis of monocytes from centenarians. <i>NeuroImmunoModulation</i> , 2008 , 15, 285-9	2.5	17
55	The three genetics (nuclear DNA, mitochondrial DNA, and gut microbiome) of longevity in humans considered as metaorganisms. <i>BioMed Research International</i> , 2014 , 2014, 560340	3	16
54	Age-related differences in the metabolism of sulphite to sulphate and in the identification of sulphur trioxide radical in human polymorphonuclear leukocytes. <i>Mechanisms of Ageing and Development</i> , 1996 , 88, 95-109	5.6	16
53	Disease-specific plasma levels of mitokines FGF21, GDF15, and Humanin in type II diabetes and Alzheimer's disease in comparison with healthy aging. <i>GeroScience</i> , 2021 , 43, 985-1001	8.9	16
52	Involvement of CD45 in dexamethasone- and heat shock-induced apoptosis of rat thymocytes. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 214, 941-8	3.4	14
51	Heterogeneity of Thyroid Function and Impact of Peripheral Thyroxine Deiodination in Centenarians and Semi-Supercentenarians: Association With Functional Status and Mortality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 802-810	6.4	14
50	HLA antigens and aging. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 499-500	6.5	13
49	Impact of demography and population dynamics on the genetic architecture of human longevity. <i>Aging</i> , 2018 , 10, 1947-1963	5.6	13

48	Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity. <i>Toxicology</i> , 2019 , 411, 110-121	4.4	12
47	Population-specific association of genes for telomere-associated proteins with longevity in an Italian population. <i>Biogerontology</i> , 2015 , 16, 353-64	4.5	11
46	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1675-1679	3.3	11
45	Zinc in elderly people: effects of zinc supplementation on psychological dimensions in dependence of IL-6 -174 polymorphism: a Zincage study. <i>Rejuvenation Research</i> , 2008 , 11, 479-83	2.6	11
44	3-Aminobenzamide induces cytoskeleton rearrangement in M14 melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 202, 915-22	3.4	11
43	SGP-2, apoptosis, and aging. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 471-4	6.5	11
42	Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , 2021 , 10,	8.9	11
41	A gender-dependent genetic predisposition to produce high levels of IL-6 is detrimental for longevity 2001 , 31, 2357		11
40	Inhibition of poly(ADP-ribosyl)ation does not prevent lymphocyte entry into the cell cycle. <i>FEBS Letters</i> , 1989 , 253, 146-50	3.8	10
39	LAK activity is inducible in blood mononuclear cells from human fetus. <i>Immunology Letters</i> , 1990 , 24, 137-40	4.1	9
38	Natural cytotoxicity in a freshwater pulmonate mollusc: an unorthodox comparative approach. <i>Advances in Neuroimmunology</i> , 1991 , 1, 99-113		9
37	A Meta-Analysis of Brain DNA Methylation Across Sex, Age, and Alzheimer's Disease Points for Accelerated Epigenetic Aging in Neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 639428	5.3	9
36	Zinc, metallothioneins, longevity: effect of zinc supplementation on antioxidant response: a Zincage study. <i>Rejuvenation Research</i> , 2008 , 11, 419-23	2.6	8
35	Age-dependent effects of in vitro radiofrequency exposure (mobile phone) on CD95+ T helper human lymphocytes. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 493-9	6.5	8
34	Antiproliferative activity of 3-aminobenzamide in A431 carcinoma cells is associated with a target effect on cytoskeleton. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 225, 826-32	3.4	8
33	Cell death protection by 3-aminobenzamide: impairment of cytoskeleton function in human NK cell-mediated killing. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 199, 1250-5	3.4	8
32	DNA repair in lymphocytes from humans and rats with chronic iron overload. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 154, 698-704	3.4	8
31	Evaluation of Lymphocyte Response to the Induced Oxidative Stress in a Cohort of Ageing Subjects, including Semisupercentenarians and Their Offspring. <i>Mediators of Inflammation</i> , 2018 , 2018, 7109312	4.3	8

30	Centenarians in good health conditions. <i>Archives of Gerontology and Geriatrics</i> , 2002 , 8, 209-17	4	7
29	Effect of ADP-ribosyl transferase inhibitors on the survival of human lymphocytes after exposure to different DNA-damaging agents. <i>Annals of the New York Academy of Sciences</i> , 1988 , 551, 446-7	6.5	7
28	Assessment of sense of taste in Italian centenarians. <i>Archives of Gerontology and Geriatrics</i> , 1998 , 26, 177-83	4	6
27	Are the vascular complications of diabetes mellitus preceded by an altered thromboxane/prostacyclin plasmatic ratio?. <i>Medical Hypotheses</i> , 1986 , 19, 229-41	3.8	6
26	Autoantibodies to poly(ADP-ribose) polymerase in centenarians: a reappraisal of Grabar's hypothesis. <i>Gerontology</i> , 2009 , 55, 427-9	5.5	5
25	Effects of Pulsed Electromagnetic Fields on the Proliferation of Lymphocytes from Aids Patients, HIV-Seropositive Subjects, and Seronegative Drug Users. <i>Journal of Bioelectricity</i> , 1989 , 8, 227-237		5
24	Thyroid hormones and frailty in persons experiencing extreme longevity. <i>Experimental Gerontology</i> , 2020 , 138, 111000	4.5	4
23	Long-term effects of vaccination on attentional performance. <i>Vaccine</i> , 2004 , 22, 3877-81	4.1	4
22	Reply from Franceschi et al.. <i>Trends in Immunology</i> , 1995 , 16, 549-550		4
21	DNA repair, sensitivity to gamma radiation and to heat shock in lymphocytes from acute, untreated multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 1989 , 21, 23-9	3.5	4
20	An Inflammatory Clock Predicts Multi-morbidity, Immunosenescence and Cardiovascular Aging in Humans		4
19	An In Vitro Model for Studying Oxidative Damage and Protective Substances in Human Cells. <i>ATLA Alternatives To Laboratory Animals</i> , 1991 , 19, 77-83	2.1	4
18	The smell of longevity: a combination of Volatile Organic Compounds (VOCs) can discriminate centenarians and their offspring from age-matched subjects and young controls. <i>GeroScience</i> , 2020 , 42, 201-216	8.9	4
17	Nucleoside transport in activated macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 160, 354-61	3.4	3
16	Exposure to low-frequency pulsed electromagnetic fields increases mitogen-induced lymphocyte proliferation in Down's syndrome. <i>Aging Clinical and Experimental Research</i> , 1991 , 3, 241-6	4.8	3
15	Inflammaging 2018 , 1-31		3
14	No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. <i>Mechanisms of Ageing and Development</i> , 2021 , 197, 111514	5.6	3
13	Immunosenescence 1996 , 131-149		3

12	Inflammaging 2019 , 1599-1629		2
11	Apoptosis and immunosenescence. <i>Aging Clinical and Experimental Research</i> , 1995 , 7, 461-463	4.8	1
10	DNA and cell death. <i>Cytotechnology</i> , 1991 , 5, 74-7	2.2	1
9	Sensitivity to genotoxic agents and immunological status in a case of Werner's syndrome. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 429-31	6.5	1
8	(Bi)sulfite metabolism in human granulocytes: age-dependent formation of free radical intermediates. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 460-2	6.5	1
7	Aging and Longevity in Animal Models and Humans 2009 , 175-191		1
6	The New Antigenic Ecospace of the Globalized World and its Impact on the Immune System: The Battleground of Trade-off and Antagonistic Pleiotropy 2014 , 125-144		1
5	Twelve-Week Daily Consumption of Fortified Milk with B, D, and Group B Vitamins Has a Positive Impact on Inflammaging Parameters: A Randomized Cross-Over Trial. <i>Nutrients</i> , 2020 , 12,	6.7	1
4	Association of rs3027178 polymorphism in the circadian clock gene PER1 with susceptibility to Alzheimer's disease and longevity in an Italian population.. <i>GeroScience</i> , 2021 , 1	8.9	0
3	Immunity, Inflammation and infections during aging 2006 , 15-29		
2	Pathological Relevance of the Natural Immune System. <i>NeuroImmune Biology</i> , 2005 , 331-350		
1	Caloric restriction modulates aging rate and sensitivity to oxygen free radical damage in rats. <i>Aging Clinical and Experimental Research</i> , 1991 , 3, 410-2	4.8	