Claudio Franceschi

List of Publications by Year
in descending order

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679 papers	62,528 citations	1238 110 h-index	1568 217 g-index
706 all docs	706 docs citations	706 times ranked	58824 citing authors

#	Article	IF	Citations
1	Inflammâ€aging: An Evolutionary Perspective on Immunosenescence. Annals of the New York Academy of Sciences, 2000, 908, 244-254.	3.8	3,854
2	Chronic Inflammation (Inflammaging) and Its Potential Contribution to Age-Associated Diseases. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, S4-S9.	3.6	2,606
3	Chronic inflammation in the etiology of disease across the life span. Nature Medicine, 2019, 25, 1822-1832.	30.7	2,195
4	Inflammaging and anti-inflammaging: A systemic perspective on aging and longevity emerged from studies in humans. Mechanisms of Ageing and Development, 2007, 128, 92-105.	4.6	1,759
5	Geroscience: Linking Aging to Chronic Disease. Cell, 2014, 159, 709-713.	28.9	1,709
6	Inflammaging: a new immuneâ€“metabolic viewpoint for age-related diseases. Nature Reviews Endocrinology, 2018, 14, 576-590.	9.6	1,643
7	Through Ageing, and Beyond: Gut Microbiota and Inflammatory Status in Seniors and Centenarians. PLoS ONE, 2010, 5, e10667.	2.5	1,107
8	JC-1, but not DiOC6(3) or rhodamine 123, is a reliable fluorescent probe to assess Î”Î¨changes in intact cells: implications for studies on mitochondrial functionality during apoptosis. FEBS Letters, 1997, 411, 77-82.	2.8	902
9	Immunosenescence and Inflamm-Aging As Two Sides of the Same Coin: Friends or Foes?. Frontiers in Immunology, 2017, 8, 1960.	4.8	831
10	Gut Microbiota and Extreme Longevity. Current Biology, 2016, 26, 1480-1485.	3.9	668
11	Inflammaging and â€˜Garb-agingâ€™. Trends in Endocrinology and Metabolism, 2017, 28, 199-212.	7.1	624
12	Increased cytokine production in mononuclear cells of healthy elderly people. European Journal of Immunology, 1993, 23, 2375-2378.	2.9	602
13	The Continuum of Aging and Age-Related Diseases: Common Mechanisms but Different Rates. Frontiers in Medicine, 2018, 5, 61.	2.6	589
14	The immunology of exceptional individuals: the lesson of centenarians. Trends in Immunology, 1995, 16, 12-16.	7.5	521
15	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	6.7	481
16	Shortage of circulating naive CD8+ T cells provides new insights on immunodeficiency in aging. Blood, 2000, 95, 2860-2868.	1.4	472
17	Undulating changes in human plasma proteome profiles across the lifespan. Nature Medicine, 2019, 25, 1843-1850.	30.7	470
18	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. Gut, 2020, 69, 1218-1228.	12.1	465

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19	Accelerated epigenetic aging in Down syndrome. Aging Cell, 2015, 14, 491-495.	6.7	446
20	Control of apoptosis by the cellular ATP level. FEBS Letters, 1996, 378, 107-110.	2.8	432
21	Human immunosenescence: the prevailing of innate immunity, the failing of clonotypic immunity, and the filling of immunological space. Vaccine, 2000, 18, 1717-1720.	3.8	412
22	Inflammâ€aging and lifelong antigenic load as major determinants of ageing rate and longevity. FEBS Letters, 2005, 579, 2035-2039.	2.8	403
23	Age-Associated Loss of OPA1 in Muscle Impacts Muscle Mass, Metabolic Homeostasis, Systemic Inflammation, and Epithelial Senescence. Cell Metabolism, 2017, 25, 1374-1389.e6.	16.2	388
24	Insulin/IGF-I-signaling pathway: an evolutionarily conserved mechanism of longevity from yeast to humans. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E1064-E1071.	3.5	386
25	Innate immunity and inflammation in ageing: a key for understanding age-related diseases. Immunity and Ageing, 2005, 2, 8.	4.2	378
26	Effect of metformin on life span and on the development of spontaneous mammary tumors in HER-2/neu transgenic mice. Experimental Gerontology, 2005, 40, 685-693.	2.8	369
27	Methylation of <scp>ELOVL</scp>2 gene as a new epigenetic marker of age. Aging Cell, 2012, 11, 1132-1134.	6.7	362
28	The Aging Thyroid. Endocrine Reviews, 1995, 16, 686-715.	20.1	347
29	T cells and aging january 2002 update. Frontiers in Bioscience - Landmark, 2002, 7, d1056-1183.	3.0	347
30	A novel VNTR enhancer within the SIRT3 gene, a human homologue of SIR2, is associated with survival at oldest ages. Genomics, 2005, 85, 258-263.	2.9	339
31	Health relevance of the modification of low grade inflammation in ageing (inflammageing) and the role of nutrition. Ageing Research Reviews, 2017, 40, 95-119.	10.9	337
32	Ageing of the human metaorganism: the microbial counterpart. Age, 2012, 34, 247-267.	3.0	324
33	Inflammation markers predicting frailty and mortality in the elderly. Experimental and Molecular Pathology, 2006, 80, 219-227.	2.1	306
34	Circulating mitochondrial DNA increases with age and is a familiar trait: Implications for â€œinflammâ€agingâ€• European Journal of Immunology, 2014, 44, 1552-1562.	2.9	305
35	Inflammaging as a Major Characteristic of Old People: Can It Be Prevented or Cured?. Nutrition Reviews, 2007, 65, 173-176.	5.8	295
36	Vaccination in the elderly: The challenge of immune changes with aging. Seminars in Immunology, 2018, 40, 83-94.	5.6	286

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37	A gender-dependent genetic predisposition to produce high levels of IL-6 is detrimental for longevity. European Journal of Immunology, 2001, 31, 2357-2361.	2.9	285
38	Inflamm-ageing. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 14-20.	2.5	281
39	Polymorphic Variants of Insulin-Like Growth Factor I (IGF-I) Receptor and Phosphoinositide 3-Kinase Genes Affect IGF-I Plasma Levels and Human Longevity: Cues for an Evolutionarily Conserved Mechanism of Life Span Control. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3299-3304.	3.6	280
40	Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. Aging, 2015, 7, 1159-1170.	3.1	276
41	Protective Effect of N-Acetylcysteine in Tumor Necrosis Factor-Î±-Induced Apoptosis in U937 Cells: The Role of Mitochondria. Experimental Cell Research, 1995, 220, 232-240.	2.6	273
42	Aging of the Immune System as a Prognostic Factor for Human Longevity. Physiology, 2008, 23, 64-74.	3.1	273
43	Functional metagenomic profiling of intestinal microbiome in extreme ageing. Aging, 2013, 5, 902-912.	3.1	263
44	Chronic inflammation and the effect of IGF-I on muscle strength and power in older persons. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E481-E487.	3.5	262
45	Plasma antioxidants and longevity: a study on healthy centenarians. Free Radical Biology and Medicine, 2000, 28, 1243-1248.	2.9	256
46	Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. Free Radical Biology and Medicine, 2018, 115, 80-91.	2.9	255
47	CD45 isoforms expression on CD4+ and CD8+ T cells throughout life, from newborns to centenarians: implications for T cell memory. Mechanisms of Ageing and Development, 1996, 86, 173-195.	4.6	239
48	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. Human Molecular Genetics, 2014, 23, 4420-4432.	2.9	227
49	Reconfiguration of DNA methylation in aging. Mechanisms of Ageing and Development, 2015, 151, 60-70.	4.6	227
50	Ageing and gut microbes: Perspectives for health maintenance and longevity. Pharmacological Research, 2013, 69, 11-20.	7.1	226
51	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. Mechanisms of Ageing and Development, 2012, 133, 675-685.	4.6	218
52	Cytomegalovirus Infection. Annals of the New York Academy of Sciences, 2007, 1114, 23-35.	3.8	214
53	A meta-analysis of genome-wide association studies identifies multiple longevity genes. Nature Communications, 2019, 10, 3669.	12.8	214
54	Inflammaging as a Major Characteristic of Old People: Can It Be Prevented or Cured?. Nutrition Reviews, 2007, 65, S173-S176.	5.8	208

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55	Calorie restriction in humans inhibits the <scp>PI</scp>3<scp>K</scp>/<scp>AKT</scp> pathway and induces a younger transcription profile. Aging Cell, 2013, 12, 645-651.	6.7	208
56	Oxidative stress and the ageing endocrine system. Nature Reviews Endocrinology, 2013, 9, 228-240.	9.6	206
57	Metabolic Signatures of Extreme Longevity in Northern Italian Centenarians Reveal a Complex Remodeling of Lipids, Amino Acids, and Gut Microbiota Metabolism. PLoS ONE, 2013, 8, e56564.	2.5	205
58	Identification of a geographic area characterized by extreme longevity in the Sardinia island: the AKEA study. Experimental Gerontology, 2004, 39, 1423-1429.	2.8	204
59	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. Nature Aging, 2021, 1, 598-615.	11.6	202
60	Marked increase with age of type 1 cytokines within memory and effector/cytotoxic CD8+ T cells in humans: a contribution to understand the relationship between inflammation and immunosenescence. Experimental Gerontology, 2003, 38, 981-987.	2.8	201
61	Increased brain-predicted aging in treated HIV disease. Neurology, 2017, 88, 1349-1357.	1.1	200
62	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. Mechanisms of Ageing and Development, 2005, 126, 351-361.	4.6	193
63	Immunobiography and the Heterogeneity of Immune Responses in the Elderly: A Focus on Inflammaging and Trained Immunity. Frontiers in Immunology, 2017, 8, 982.	4.8	190
64	Gut microbiota changes in the extreme decades of human life: a focus on centenarians. Cellular and Molecular Life Sciences, 2018, 75, 129-148.	5.4	190
65	N-glycomic biomarkers of biological aging and longevity: A link with inflammaging. Ageing Research Reviews, 2013, 12, 685-698.	10.9	189
66	MARK-AGE biomarkers of ageing. Mechanisms of Ageing and Development, 2015, 151, 2-12.	4.6	189
67	Mitochondrial Modifications during Rat Thymocyte Apoptosis: A Study at the Single Cell Level. Experimental Cell Research, 1994, 214, 323-330.	2.6	187
68	Aging, Longevity, Inflammation, and Cancer. Annals of the New York Academy of Sciences, 2004, 1028, 1-13.	3.8	186
69	Immunoproteasome and LMP2 polymorphism in aged and Alzheimer's disease brains. Neurobiology of Aging, 2006, 27, 54-66.	3.1	184
70	Gender, aging and longevity in humans: an update of an intriguing/neglected scenario paving the way to a gender-specific medicine. Clinical Science, 2016, 130, 1711-1725.	4.3	182
71	Role of epigenetics in human aging and longevity: genome-wide DNA methylation profile in centenarians and centenariansâ€™ offspring. Age, 2013, 35, 1961-1973.	3.0	174
72	MicroRNAs linking inflamm-aging, cellular senescence and cancer. Ageing Research Reviews, 2013, 12, 1056-1068.	10.9	173

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73	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling. Age, 2013, 35, 1157-1172.	3.0	172
74	Genomeâ€wide linkage analysis for human longevity: Genetics of Healthy Aging Study. Aging Cell, 2013, 12, 184-193.	6.7	170
75	Aging and Imaging Assessment of Body Composition: From Fat to Facts. Frontiers in Endocrinology, 2019, 10, 861.	3.5	162
76	Inflammaging and Cancer: A Challenge for the Mediterranean Diet. Nutrients, 2015, 7, 2589-2621.	4.1	160
77	Massive Load of Functional Effector CD4+ and CD8+ T Cells against Cytomegalovirus in Very Old Subjects. Journal of Immunology, 2007, 179, 4283-4291.	0.8	156
78	Interleukin-6 gene alleles affect the risk of Alzheimerâ€™s disease and levels of the cytokine in blood and brain. Neurobiology of Aging, 2003, 24, 921-926.	3.1	155
79	Mitochondrial DNA haplogroups and APOE4 allele are non-independent variables in sporadic Alzheimer's disease. Human Genetics, 2001, 108, 194-198.	3.8	154
80	Strikingly higher frequency in centenarians and twins of mtDNA mutation causing remodeling of replication origin in leukocytes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1116-1121.	7.1	153
81	The invertebrate phagocytic immunocyte: clues to a common evolution of immune and neuroendocrine systems. Trends in Immunology, 1997, 18, 169-174.	7.5	152
82	Inflammaging and human longevity in the omics era. Mechanisms of Ageing and Development, 2017, 165, 129-138.	4.6	148
83	The treatment of osteosarcoma of the extremities: Twenty year's experience at the istituto ortopedico rizzoli. Cancer, 1981, 48, 1569-1581.	4.1	147
84	Mitochondrial Membrane Potential and DNA Stainability in Human Sperm Cells: A Flow Cytometry Analysis with Implications for Male Infertility. Experimental Cell Research, 1998, 241, 384-393.	2.6	147
85	Human models of aging and longevity. Expert Opinion on Biological Therapy, 2008, 8, 1393-1405.	3.1	147
86	Novel loci and pathways significantly associated with longevity. Scientific Reports, 2016, 6, 21243.	3.3	145
87	Apoptosis, DNA damage and ubiquitin expression in normal and mdx muscle fibers after exercise. FEBS Letters, 1995, 373, 291-295.	2.8	144
88	Immune system, cell senescence, aging and longevity--inflamm-aging reappraised. Current Pharmaceutical Design, 2013, 19, 1675-9.	1.9	144
89	Biomarkers of immunosenescence within an evolutionary perspective: the challenge of heterogeneity and the role of antigenic load. Experimental Gerontology, 1999, 34, 911-921.	2.8	139
90	Chemokines, sTNF-Rs and sCD30 serum levels in healthy aged people and centenarians. Mechanisms of Ageing and Development, 2001, 121, 37-46.	4.6	139

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91	Lymphocytes and lowâ€frequency electromagnetic fields. FASEB Journal, 1992, 6, 2667-2674.	0.5	134
92	Mediterranean diet and inflammaging within the hormesis paradigm. Nutrition Reviews, 2017, 75, 442-455.	5.8	132
93	Combating inflammaging through a Mediterranean whole diet approach: The NU-AGE project's conceptual framework and design. Mechanisms of Ageing and Development, 2014, 136-137, 3-13.	4.6	131
94	Human Aging and Longevity Are Characterized by High Levels of Mitokines. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 600-607.	3.6	130
95	Cytometric analysis of immunosenescence. Cytometry, 1997, 27, 297-313.	1.8	129
96	What accounts for the wide variation in life span of genetically identical organisms reared in a constant environment?. Mechanisms of Ageing and Development, 2005, 126, 439-443.	4.6	128
97	Genome-Wide Scan Informed by Age-Related Disease Identifies Loci for Exceptional Human Longevity. PLoS Genetics, 2015, 11, e1005728.	3.5	128
98	HAPLOFIND: A New Method for High-Throughput mtDNA Haplogroup Assignment. Human Mutation, 2013, 34, 1189-1194.	2.5	127
99	Elevated gut microbiome abundance of Christensenellaceae, Porphyromonadaceae and Rikenellaceae is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. Gut Microbes, 2021, 13, 1-19.	9.8	127
100	Serum profiling of healthy aging identifies phospho- and sphingolipid species as markers of human longevity. Aging, 2014, 6, 9-25.	3.1	126
101	The Genetics of Human Longevity. Annals of the New York Academy of Sciences, 2006, 1067, 252-263.	3.8	124
102	Low Vitamin D Status, High Bone Turnover, and Bone Fractures in Centenarians. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5109-5115.	3.6	119
103	Mitochondria alterations and dramatic tendency to undergo apoptosis in peripheral blood lymphocytes during acute HIV syndrome. Aids, 1997, 11, 19-26.	2.2	118
104	Evidence for Sub-Haplogroup H5 of Mitochondrial DNA as a Risk Factor for Late Onset Alzheimer's Disease. PLoS ONE, 2010, 5, e12037.	2.5	117
105	Paradoxes in longevity: sequence analysis of mtDNA haplogroup J in centenarians. European Journal of Human Genetics, 2001, 9, 701-707.	2.8	116
106	A Study of Serum Immunoglobulin Levels in Elderly Persons That Provides New Insights into B Cell Immunosenescence. Annals of the New York Academy of Sciences, 2006, 1089, 487-495.	3.8	115
107	Apoptosis-like, reversible changes in plasma membrane asymmetry and permeability, and transient modifications in mitochondrial membrane potential induced by curcumin in rat thymocytes. FEBS Letters, 1998, 433, 287-293.	2.8	114
108	Gene polymorphism affecting Î±1-antichymotrypsin and interleukin-1 plasma levels increases Alzheimer's disease risk. Annals of Neurology, 2000, 48, 388-391.	5.3	114

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109	Exercise Induces Myonuclear Ubiquitination and Apoptosis in Dystrophin-deficient Muscle of Mice. Journal of Neuropathology and Experimental Neurology, 1997, 56, 45-57.	1.7	113
110	The G/C915 polymorphism of transforming growth factor Î²1 is associated with human longevity: a study in Italian centenarians. Aging Cell, 2004, 3, 443-448.	6.7	112
111	Vitamin Eâ€“gene interactions in aging and inflammatory age-related diseases: Implications for treatment. A systematic review. Ageing Research Reviews, 2014, 14, 81-101.	10.9	110
112	What evidence is there for the existence of individual genes with antagonistic pleiotropic effects?. Mechanisms of Ageing and Development, 2005, 126, 421-429.	4.6	109
113	Serum N-glycan profile shift during human ageing. Experimental Gerontology, 2010, 45, 738-743.	2.8	109
114	Immunogenetics, Gender, and Longevity. Annals of the New York Academy of Sciences, 2006, 1089, 516-537.	3.8	108
115	Different contribution of EBV and CMV infections in very long-term carriers to age-related alterations of CD8+ T cells. Experimental Gerontology, 2004, 39, 1233-1243.	2.8	107
116	Thymic output and functionality of the ILâ€7/ILâ€7 receptor system in centenarians: implications for the neolymphogenesis at the limit of human life. Aging Cell, 2006, 5, 167-175.	6.7	107
117	Association between the interleukin-1Î² polymorphisms and Alzheimer's disease: A systematic review and meta-analysis. Brain Research Reviews, 2008, 59, 155-163.	9.0	107
118	Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. Hypertension, 2019, 73, 578-586.	2.7	106
119	Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. Aging, 2014, 6, 771-786.	3.1	105
120	Diverse Effect of Inflammatory Markers on Insulin Resistance and Insulin-Resistance Syndrome in the Elderly. Journal of the American Geriatrics Society, 2004, 52, 399-404.	2.6	104
121	N-Glycomic Changes in Serum Proteins During Human Aging. Rejuvenation Research, 2007, 10, 521-531a.	1.8	104
122	The aging gut microbiota: New perspectives. Ageing Research Reviews, 2011, 10, 428-429.	10.9	104
123	Small extracellular vesicles deliver miRâ€21 and miRâ€217 as proâ€senescence effectors to endothelial cells. Journal of Extracellular Vesicles, 2020, 9, 1725285.	12.2	104
124	C60 Carboxyfullerene Exerts a Protective Activity against Oxidative Stress-Induced Apoptosis in Human Peripheral Blood Mononuclear Cells. Biochemical and Biophysical Research Communications, 2000, 277, 711-717.	2.1	103
125	Allele frequencies of +874Tâ†'A single nucleotide polymorphism at the first intron of interferon-Î³ gene in a group of Italian centenarians. Experimental Gerontology, 2002, 37, 315-319.	2.8	103
126	Gut microbiota and osteoarthritis management: An expert consensus of the European society for clinical and economic aspects of osteoporosis, osteoarthritis and musculoskeletal diseases (ESCEO). Ageing Research Reviews, 2019, 55, 100946.	10.9	103

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127	Impact of personalized diet and probiotic supplementation on inflammation, nutritional parameters and intestinal microbiota â€“ The â€œRISTOMED projectâ€: Randomized controlled trial in healthy older people. Clinical Nutrition, 2015, 34, 593-602.	5.0	102
128	Perilipin 2 and Age-Related Metabolic Diseases: A New Perspective. Trends in Endocrinology and Metabolism, 2016, 27, 893-903.	7.1	102
129	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. Current Pharmaceutical Design, 2013, 19, 1675-1679.	1.9	101
130	Telomere Length in Fibroblasts and Blood Cells from Healthy Centenarians. Experimental Cell Research, 1999, 248, 234-242.	2.6	100
131	Metallothioneins/PARP-1/IL-6 interplay on natural killer cell activity in elderly: parallelism with nonagenarians and old infected humans. Effect of zinc supply. Mechanisms of Ageing and Development, 2003, 124, 459-468.	4.6	99
132	Human intestinal microbiota: cross-talk with the host and its potential role in colorectal cancer. Critical Reviews in Microbiology, 2011, 37, 1-14.	6.1	99
133	Long-term immune-endocrine effects of bereavement: relationships with anxiety levels and mood. Psychiatry Research, 2003, 121, 145-158.	3.3	98
134	Inhibition of apoptosis by zinc: A reappraisal. Biochemical and Biophysical Research Communications, 1992, 187, 1256-1261.	2.1	97
135	In vitro peroxidase oxidation induces stable dimers of Î²-amyloid (1-42) through dityrosine bridge formation. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 1999, 6, 7-13.	3.0	97
136	The Genetic Variability of APOE in Different Human Populations and Its Implications for Longevity. Genes, 2019, 10, 222.	2.4	96
137	Discovery of Novel and Selective SIRT6 Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 4796-4804.	6.4	94
138	Association of the mitochondrial DNA haplogroup J with longevity is population specific. European Journal of Human Genetics, 2004, 12, 1080-1082.	2.8	93
139	Effect of interleukin-6 polymorphisms on human longevity: A systematic review and meta-analysis. Ageing Research Reviews, 2009, 8, 36-42.	10.9	93
140	Do people living with HIV experience greater age advancement than their HIV-negative counterparts?. Aids, 2019, 33, 259-268.	2.2	93
141	Mitochondria, aging and longevity - a new perspective. FEBS Letters, 2001, 492, 9-13.	2.8	92
142	Age-dependent alteration in muscle regeneration: the critical role of tissue niche. Biogerontology, 2013, 14, 273-292.	3.9	92
143	Identification of a DNA methylation signature in blood cells from persons with Down Syndrome. Aging, 2014, 7, 82-96.	3.1	92
144	Autocrine Nerve Growth Factor Protects Human Keratinocytes from Apoptosis Through its High Affinity Receptor (TRK): A Role for BCL-2. Journal of Investigative Dermatology, 1997, 109, 757-764.	0.7	91

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145	Long-term immunologic effects of thymectomy in patients with myasthenia gravis. Journal of Allergy and Clinical Immunology, 1999, 103, 865-872.	2.9	91
146	The â^'174 C/G locus affects in vitro/in vivo IL-6 production during aging. Experimental Gerontology, 2002, 37, 309-314.	2.8	91
147	From lifetime to evolution: timescales of human gut microbiota adaptation. Frontiers in Microbiology, 2014, 5, 587.	3.5	91
148	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. MSystems, 2020, 5, .	3.8	91
149	Acceleration of leukocytesâ€™ epigenetic age as an early tumor and sex-specific marker of breast and colorectal cancer. Oncotarget, 2017, 8, 23237-23245.	1.8	90
150	Systematic review by meta-analyses on the possible role of TNF-Î± polymorphisms in association with Alzheimer's disease. Brain Research Reviews, 2009, 61, 60-68.	9.0	89
151	The A3Adenosine Receptor Mediates Cell Spreading, Reorganization of Actin Cytoskeleton, and Distribution of Bcl-xL: Studies in Human Astroglioma Cells. Biochemical and Biophysical Research Communications, 1997, 241, 297-304.	2.1	88
152	Serum IL-1Î² levels in health and disease: a population-based study. 'The InCHIANTI study'. Cytokine, 2003, 22, 198-205.	3.2	87
153	Role of Toll-like Receptor 4 in Acute Myocardial Infarction and Longevity. JAMA - Journal of the American Medical Association, 2004, 292, 2335.	7.4	87
154	The â^'174G/C polymorphism of IL-6 is useful to screen old subjects at risk for atherosclerosis or to reach successful ageing. Experimental Gerontology, 2004, 39, 621-628.	2.8	87
155	Earthworm Leukocytes That Are Not Phagocytic and Cross-React with Several Human Epitopes Can Kill Human Tumor Cell Lines. Experimental Cell Research, 1996, 224, 174-182.	2.6	85
156	Genetics of Healthy Aging in Europe: The EU-Integrated Project GEHA (GEnetics of Healthy Aging). Annals of the New York Academy of Sciences, 2007, 1100, 21-45.	3.8	85
157	The coâ€occurrence of mt<scp>DNA</scp> mutations on different oxidative phosphorylation subunits, not detected by haplogroup analysis, affects human longevity and is population specific. Aging Cell, 2014, 13, 401-407.	6.7	85
158	Exposure to Low Frequency Pulsed Electromagnetic Fields Increases Interleukin-1 and Interleukin-6 Production by Human Peripheral Blood Mononuclear Cells. Experimental Cell Research, 1993, 204, 385-387.	2.6	84
159	Corticotropin-releasing hormone modulates cytokines release in cultured human peripheral blood mononuclear cells. Life Sciences, 1993, 53, 1735-1742.	4.3	84
160	Identifying the genomic determinants of aging and longevity in human population studies: Progress and challenges. BioEssays, 2013, 35, 386-396.	2.5	81
161	N-Glycomic Changes in Serum Proteins in Type 2 Diabetes Mellitus Correlate with Complications and with Metabolic Syndrome Parameters. PLoS ONE, 2015, 10, e0119983.	2.5	81
162	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. Current Pharmaceutical Design, 2013, 19, 1675-1679.	1.9	80

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163	The role of low-grade inflammation and metabolic flexibility in aging and nutritional modulation thereof: A systems biology approach. Mechanisms of Ageing and Development, 2014, 136-137, 138-147.	4.6	80
164	Cellâ€free DNA as a biomarker of aging. Aging Cell, 2019, 18, e12890.	6.7	80
165	Why do centenarians escape or postpone cancer? The role of IGF-1, inflammation and p53. Cancer Immunology, Immunotherapy, 2009, 58, 1909-1917.	4.2	79
166	The genetics of human longevity: an intricacy of genes, environment, culture and microbiome. Mechanisms of Ageing and Development, 2017, 165, 147-155.	4.6	79
167	Inflammâ€aging of the stem cell niche: Breast cancer as a paradigmatic example. BioEssays, 2012, 34, 40-49.	2.5	78
168	Quinazolinedione SIRT6 inhibitors sensitize cancer cells to chemotherapeutics. European Journal of Medicinal Chemistry, 2015, 102, 530-539.	5.5	78
169	Low circulating IGF-I bioactivity is associated with human longevity: Findings in centenariansâ€™ offspring. Aging, 2012, 4, 580-589.	3.1	78
170	Inhibin and Activin Modulate Human Monocyte Chemotaxis and Human Lymphocyte Interferon-Î³ Production*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 496-502.	3.6	77
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